



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

Het Blad de Industriële Eigendom verschijnt op de derde werkdag van een week. Indien Octrooicentrum Nederland op deze dag is gesloten, wordt de verschijningsdag van het blad verschoven naar de eerstvolgende werkdag, waarop Octrooicentrum Nederland is geopend. Het blad verschijnt alleen in elektronische vorm. Elk nummer van het blad bestaat uit 14 rubrieken.

Bijblad

Verschijnt vier keer per jaar (januari, april, juli, oktober) in elektronische vorm via www.rvo.nl/octrooien. Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

Abonnementsprijzen per (kalender)jaar:

Hoofdblad en Bijblad: verschijnt gratis in elektronische vorm op de website van Octrooicentrum Nederland.

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Iban: NL41INGB070500129

BIC: INGBNL2A

Introduction

Patent Bulletin

The Patent Bulletin appears on the 3rd working day of each week. If the Netherlands Patent Office is closed to the public on the above mentioned day, the date of issue of the Bulletin is the first working day thereafter, on which the Office is open. Each issue of the Bulletin consists of 14 headings.

Official Journal

Appears four times a year (January, April, July, October) in electronic form on the www.rvo.nl/octrooien. The Official Journal contains announcements and other things worth knowing for the benefit of the Netherlands Patent Office and its customers.

Subscription rates per calendar year:

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Visiting address: **Netherlands Patent Office**

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Rubriek NP1 Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	7 Heading NP1 Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	7
Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	12 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	12
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	17 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	17
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	18 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	18
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	19 Heading EP2 Contains data concerning European patents granted for The Netherlands.	19
Rubriek EP3 Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	302 Heading EP3 Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.	302
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten	390Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	390
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	391Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	391
Rubriek VB2 Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	393Heading VB2 Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.	393
Rubriek MED Bevat gegevens betreffende overige mededelingen.	395Heading MED Contains data concerning other communications.	395
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	396Heading VRV Contains data concerning lapse or annulment.	396
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	434Heading VRB Contains data concerning corrections on earlier publications.	434
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	435Heading CO Contains data concerning changes in the Netherland patent register.	435
Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	443Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	443

Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octrooibulletins. Ze dienen om de verschillende bibliografische gegevens te kunnen begrijpen zonder kennis te hebben van de taal. INID is een acronym van Internationally agreed Numbers for Identification of Data. De definities van INID codes wordt gegeven in de WIPO standaard ST. 9.

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard 16
- (15) Correctie informatie
- (21) Octrooiaanvraagnummer
- (22) Datum van indiening
- (23) Datum tentoonstelling
- (25) Taal van indiening
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorranggegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

INID CODES

"INID" Codes are used on the front pages of patent documents and in official gazettes to identify various bibliographic data items without knowledge of the language used and the industrial property laws applied. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". The INID Codes are usually given in parenthesis adjacent to the appropriate bibliographic data item. The definitions of the INID Codes are given in WIPO Standard ST. 9 (as of November 1998) and are listed below:

- (11) Patent number
- (13) Kind of document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing application(s)
- (23) Date of exhibition
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
- (40) Date(s) of making available to the public
- (41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
- (42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

(44) Datum van openbaarmaking	(44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date
(45) Datum van kracht worden van een Europees octrooi in Nederland	(45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date
(46) Inschrijvingsdatum conclusies	(46) Date of publication by printing or similar process of the claim(s) only of a document
(47) Verleningsdatum octrooi	(47) Date from which the patent takes effect
(48) Datum waarop een verbetering van een octrooi is uitgegeven	(48) Date of issuance of a corrected patent document
(51) Internationale Octrooi classificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out
(68) Nummer basis octrooi	(68) Number of the basic patent
(71) Naam aanvrager(s)	(71) Name(s) of the applicant(s)
(72) Naam uitvinder(s)	(72) Name(s) of the inventor(s) if known to be such
(73) Naam octrooihouder(s)	(73) Name(s) of grantee(s)
(74) Naam gemachtigde	(74) Name(s) of the attorney(s) or agent(s)
(75) Naam van uitvinders die tevens aanvrager zijn	(75) Name(s) of inventor(s) who is (are) also application(s)
(81) Aangewezen landen volgens de PCT	(81) Designated States(s) according to the PCT
(83) Informatie over micro organismen	(83) Information concerning the deposit of microorganisms
(84) Aangewezen landen bij regionale octrooien	(84) Designated Contracting States under regional patent conventions
(86) Nummer van omgezette aanvraag	(86) Application number of a PCT-application or number of European patent which is converted into a national application
(87) Datum en nummer van een PCT aanvraag	(87) Publication date and number of a PCT application
(92) Certificaten: nummer en datum van de eerste nationale vergunning voor een geneesmiddel	(92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product
(93) Datum en nummer van de eerste EU vergunning voor een geneesmiddel	(93) For an SPC, number and date and where applicable, country of origin, of the first authorization to place the product on the market as a medicinal product within a regional economic community
(94) Expiratiedatum voor een topografie	(94) Calculated date of expiry of the topography
(95) Certificaten: naam van het product	(95) Name of the product protected by the basic patent and in respect of which the SPC has been applied for or granted

Rubrieken/Headings

NP1

Nederlandse octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995. Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.

(51) A01D 43/00 A01D 43/063 E01H 1/04 A01G 20/43	(21) 2019787 (22) 23.10.2017 (54) Inrichting en werkwijze voor het opvegen of opharken van afgevalen bladeren	A01K 5/02 (21) 2019762 (22) 19.10.2017 (54) Werkwijze en systeem voor het bepalen van een toestand van ten minste een varken in een hok.	Babita Dulam (72) ing. Freddy Reijngoudt ing. Babita Dulam (41) 24.04.2019
(21) 2019787 (22) 23.10.2017 (54) Inrichting en werkwijze voor het opvegen of opharken van afgevalen bladeren	(71) GKB Realisatie B.V. (74) ir. P.J. Hylarides c.s. (72) Teunis Jan Willem Kraaijeveld Adrianus Kraaijeveld (41) 29.04.2019	(71) N.V. Nederlandsche Apparatenfabriek NEDAP (74) ir. C.M. Jansen c.s. (72) Luchi Willem van Lenthe Johan Marinus Gotink (41) 29.04.2019	(51) A47J 31/36 (21) 2019777 (22) 20.10.2017 (54) Zetinrichting en extractie-inrichting. (71) J.M. de Jong Duke Automatenfabriek B.V. (74) drs. A.A. Jilderda (72) Cornelis de Groen Eduard Adri Brijder (41) 29.04.2019
(51) A01J 5/007 A01J 5/01 A01J 5/013	(21) 2019770 (22) 20.10.2017 (54) Boerderijsysteem en werkwijze voor het uitbreiden van een boerderijsysteem	(21) 2021877 (22) 25.10.2018 (54) Improved emulsion spray-drying process and assembly for use in said process	(51) A23D 9/05 A23P 10/40 F25D 3/12 (21) 2019790 (22) 24.10.2017 (54) PENILE IMPLANT (71) Boston Scientific Scimed, Inc. (74) ir. P.J. Hylarides c.s. (72) Mark Edward DiLoreto Karl Alan Jagger Thomas Skoog Robert Berkenes Alex Alden Peterson (41) 01.05.2019
(71) N.V. Nederlandsche Apparatenfabriek NEDAP (74) ir. C.M. Jansen c.s. (72) Jeroen Martin van Dijk Jan Anne Kuipers Rudie Jan Hendrik Lammers (41) 29.04.2019	(71) D.P. Supply B.V. (74) ir. J.C. Volmer c.s. (72) Martin Hiemstra Gerrit Anne van Koningsveld (41) 24.04.2019 (31) 2020184 (32) 27.12.2017 (33) Netherlands	(71) Boston Scientific Scimed, Inc. (74) ir. P.J. Hylarides c.s. (72) Mark Edward DiLoreto Karl Alan Jagger Thomas Skoog Robert Berkenes Alex Alden Peterson (41) 01.05.2019	(51) A61P 35/00 C07F 15/00 A61K 31/7135 C07F 1/12 C07D 401/14 (21) 2019752 (22) 18.10.2017 (54) Cytotoxic Complexes (71) Universiteit Leiden (74) dr. A. Krebs (72) Sylvestre Antoine Bonnet Vincent Hendrikus Shoichi van Rixel Xuequan Zhou (41) 25.04.2019
(51) A01K 1/00 B01D 47/02 B01D 53/77 F02M 35/00	(21) 2019759 (22) 18.10.2017 (54) Filtersysteem, installatie zoals een stal voorzien daarvan en werkwijze daarvoor	(21) 1042596 (22) 17.10.2017 (54) Ijsje voorzien van medicatie tegen chronische ziektes en/ of niet-chronische ziektes	(51) A61P 35/00 C07F 15/00 A61K 31/7135 C07F 1/12 C07D 401/14 (21) 2019752 (22) 18.10.2017 (54) Cytotoxic Complexes (71) Universiteit Leiden (74) dr. A. Krebs (72) Sylvestre Antoine Bonnet Vincent Hendrikus Shoichi van Rixel Xuequan Zhou (41) 25.04.2019
(71) Blue Economy Systems B.V. (74) ir. P.J. Hylarides c.s. (72) Pascal Willem Richard Hazeleger Klaas van Heuven Wilhelmus Nicolaas Pieter Blasius van Gennip Iman Jacob de Zwarte Johannes Henricus Pierre Gerits (41) 25.04.2019	(71) Wilco Johan Thomas Plantfeber (72) Wilco Johan Thomas Plantfeber (41) 24.04.2019	(51) A45C 9/00 A45C 13/00 A45C 3/02 A45C 11/00 (21) 2019791 (22) 24.10.2017 (54) Combined case and stand for a portable computing device	(51) A61P 35/00 C07F 15/00 A61K 31/7135 C07F 1/12 C07D 401/14 (21) 2019752 (22) 18.10.2017 (54) Cytotoxic Complexes (71) Universiteit Leiden (74) dr. A. Krebs (72) Sylvestre Antoine Bonnet Vincent Hendrikus Shoichi van Rixel Xuequan Zhou (41) 25.04.2019
(51) A01K 11/00	(71) Dataflex International B.V. (74) ir. P.J. Hylarides c.s. (72) Roderik Johan Mos Tijs Pieter Horn (41) 01.05.2019	(51) A47F 10/06 G06Q 50/12 G06Q 10/08 (21) 1042593 (22) 16.10.2017 (54) Restaurant met bediening per G-spoor en spoorwegthema	(51) A63B 71/06 A63B 24/00 (21) 1042604 (22) 20.10.2017 (54) MULTI-USER OPERATED INTERACTIVE MULTIMEDIA SYSTEM (71) Leloup (72) Fleur Nicole Leloup (41) 29.04.2019
(21) 2019758 (22) 18.10.2017 (54) Diermanagementlabel ingericht om te worden gedragen door een dier	(71) N.V. Nederlandsche Apparatenfabriek NEDAP (74) ir. C.M. Jansen c.s. (72) Rudie Jan Hendrik Lammers Jeroen Martin van Dijk (41) 25.04.2019	(71) Freddy Reijngoudt	(51) B01D 1/20 B05B 1/00 (21) 2019757 (22) 18.10.2017 (54) Sproeistuk voor hoge druk verstuiving of verneveling van een te sproeidrogen concentraat, drooginstallatie voorzien daarvan en werkwijze voor het sproeidrogen (71) Vreugdenhil Groep BV
(51) A01K 29/00	(71) Freddy Reijngoudt		

(74) ir. P.J. Hylarides c.s.	(54) Bevestigingsconstructie, in het bijzonder voor een buitenzichteenheid van een motorvoertuig	Netherlands
(72) Nammen Willem van der Meulen	(71) MCi (Mirror Controls International) Netherlands B.V.	(51) B65H 75/38
(51) B26D 1/45	(74) ir. C.M. Jansen c.s.	(21) 2019771
B29D 30/46	(72) Rozemarijn Lievaart	(22) 20.10.2017
(21) 2019785	Jannick Daniël Wijntjes	(54) COMPACT AND STACKABLE HOSE REEL
(22) 23.10.2017	Christian Usher	(71) Joh. Mourik & Co. Holding B.V.
(54) Tire building apparatus and method for joining or cutting tire components	Paulus Gerardus Maria van Stiphout	(74) drs. W.H.P. Derks
(71) VMI Holland B.V.	(41) 29.04.2019	(72) Paul Timmer
(74) ir. F.A. Geurts c.s.	(51) B60R 25/021	(41) 29.04.2019
(72) Gerardus Johannes Catharina van Laar	(21) 2021839	(51) B66C 13/04
Gerrit Roy Nijland	(22) 19.10.2018	B66D 3/04
Cornelis-Jan Otto	(54) Lock of the steering rod of a motor vehicle	(21) 1042605
Dries Vis	(71) Construct A&D, a.s.	(22) 24.10.2017
(41) 29.04.2019	(74) ir. M.F.J.M. Ketelaars c.s.	(54) Werkwijze voor het hijsen van objecten en bijbehorend zelfcorrigerend hijsblok.
(51) B28B 7/10	(72) Petr Pokorny	(71) Ropeblock B.V.
B28B 5/02	(31) CZ2017-34245 U	(72) Johannes Hendrikus Eertman
(21) 2019793	(32) 23.10.2017	(41) 01.05.2019
(22) 24.10.2017	(33) Czech Republic	(51) B66C 23/78
(54) Inrichting met verbeterde uitstoter	(51) B65B 1/22	(21) 2019784
(71) Beheermaatschappij De Boer Nijmegen B.V.	(21) 2019786	(22) 23.10.2017
(74) ir. P.J. Hylarides c.s.	(22) 23.10.2017	(54) Outrigger assembly and vehicle, such as a mobile crane, comprising the outrigger assembly
(72) Gerardus Johannes Franciscus Pruyt	(54) Compactor Device and a Conveyer System comprising such Compactor Device	(71) Spierings Group B.V.
(41) 01.05.2019	(71) Blueprint Holding B.V.	(74) ir. M.F.J.M. Ketelaars c.s.
(51) B29C 45/17	(74) ir. M.F.J.M. Ketelaars c.s.	(72) Leonardus Franciscus Johannes Maria Spierings
B30B 15/00	(72) Nicolaas Martin Prakken	Bas Frederiks
B30B 15/06	Vincentius Alphonsus Jozef Peters	(41) 29.04.2019
(21) 2019767	(41) 29.04.2019	(51) B66F 1/00
(22) 20.10.2017	(51) B65F 3/00	E01D 21/00
(54) Press part for supporting a mould part for encapsulating electronic components mounted on a carrier and a press comprising the press part	B60L 1/00	(21) 2019773
(71) BESI NETHERLANDS B.V.	B60L 50/00	(22) 20.10.2017
(74) ir. H.Th. van den Heuvel c.s.	B65G 65/23	(54) Jack system for heavy loads, cup-shaped segment for a jack system, method of positioning a heavy load and method of transporting a jack system
(72) Albertus Franciscus Gerardus van Driel	B65F 3/02	(71) Mammoet Holding B.V.
(41) 29.04.2019	B65F 3/24	(74) mr. ir. J. van Breda c.s.
(51) B32B 7/04	B60L 50/50	(72) Anton Adrian Joachim van den Broek
B32B 7/14	(21) 2019751	(41) 29.04.2019
B32B 27/08	(22) 18.10.2017	(51) C03B 37/014
B32B 27/36	(54) BELADINGSSYSTEEM VOORZIEN VAN EEN ENERGIEMODULE, VUILNISAUTO VOORZIEN DAARVAN EN WERKWIJZE DAARVOOR	C03B 19/14
E04B 1/76	(71) Terberg Machines B.V.	C03B 20/00
E04B 1/78	(74) ir. P.J. Hylarides c.s.	(21) 2019876
B32B 1/08	(72) Jan Paul Versteeg	(22) 09.11.2017
B32B 3/02	Pieter Bouwe Gravesteijn	(54) OPTICAL FIBER PREFORMS WITH HALOGEN DOPING
(21) 2019789	(41) 25.04.2019	(71) Corning Incorporated
(22) 24.10.2017	(51) B65G 15/26	(74) ir. P.J. Hylarides c.s.
(54) GELAAGDE ISOLATIESTRUCTUUR	B65B 35/24	(72) Dana Craig Bookbinder
(71) Systent System Enterprises B.V.	B65B 25/06	Steven Bruce Dawes
(74) ir. J.C. Volmer c.s.	B65G 21/14	Richard Michael Fiacco
(72) Wilhelmus Hendrikus Maria Lamers	(21) 2022963	Ming-Jun Li
(41) 01.05.2019	(22) 17.04.2019	Pushkar Tandon
(51) B60G 11/46	(54) Transportinrichting	(41) 29.04.2019
B62D 61/12	(62) 2021558	(31) 62/574,945
(21) 2019746	(71) Hubertus Theodorus Wilhelmus Slegers	(32) 20.10.2017
(22) 17.10.2017	(74) ir. A. Ferguson	(33) United States of America
(54) Axle lift	(72) Hubertus Theodorus Wilhelmus Slegers	(51) C03C 8/02
(71) VDL Weweler B.V.	(31) 2019486	C04B 41/86
(74) ir. J.C. Volmer c.s.	2019496	(21) 2019780
(72) Hans Bramer	2019505	(22) 23.10.2017
Rutger William Tijhuis	(32) 05.09.2017	
(41) 24.04.2019	06.09.2017	
(51) B60R 1/074	07.09.2017	
B60R 1/076	(33) Netherlands	
(21) 2019778	Netherlands	
(22) 20.10.2017		

(54) Binding composition for a ceramic glaze, glaze composition, glazing method and ceramic material	(71) Meco Equipment Engineers B.V.	(74) ir. J.M.G. Dohmen c.s.
(71) MINERALZ B.V.	(74) ir. J.M.G. Dohmen c.s.	(72) Roelof Kloosterman
(74) ir. H.Th. van den Heuvel c.s.	(72) Henricus Gerardus Maria Vervoort	Frank Richard
(72) Daria Biryukova	Augustinus Cornelis Maria van de Ven	(41) 29.04.2019
(41) 29.04.2019	(41) 24.04.2019	(51) E04F 21/18
(51) C03C 10/00	(51) D01D 5/00	(21) 1042600
(21) 2021858	D04H 1/728	(22) 17.10.2017
(22) 23.10.2018	B05B 5/025	(54) Hulpwerktuig voor het bevestigen van een plafondplaat tegen een regelwerk, met een steundeel dat tijdelijk met het regelwerk wordt verbonden en dat in verbinding staat met een vaste onderbalk en een verende bovenbalk met een scharnierende plaatsteunbalk
(54) GLASS-CERAMICS AND GLASSES	B05B 5/00	(71) Lambertus van der Kloot
(71) Corning Incorporated	(21) 2019763	(72) Lambertus van der Kloot
(74) ir. C.M. Jansen c.s.	(22) 19.10.2017	(41) 24.04.2019
(72) Matthew John Dejneka	(54) ELECTRO HYDRODYNAMIC PRODUCTION METHOD AND SYSTEM	(51) E04H 12/22
Jesse Kohl	(71) Innovative Mechanical Engineering Technologies B.V.	A47G 5/00
(31) 62/575,763	(74) ir. M.F.J.M. Ketelaars c.s.	E01F 7/02
15/840,040	(72) Marc Simonet	E04H 15/00
(32) 23.10.2017	Paul Johannes Franciscus Maria Janssen	(21) 2019750
13.12.2017	Ramon Hubertus Mathijs Solberg	(22) 17.10.2017
(33) United States of America	(41) 29.04.2019	(54) Movable windshield
United States of America	(51) D01D 5/00	(71) Beschutt
(51) C08F 4/649	D04H 1/728	(74) mr. ir. J. van Breda c.s.
(21) 2021838	B05B 5/025	(72) Gerit Wemmers
(22) 19.10.2018	D01D 5/00	(51) F02B 41/06
(54) CATALYST COMPONENT, CATALYST, AND PREPOLYMERIZATION CATALYST FOR OLEFIN POLYMERIZATION, AND METHOD FOR OLEFIN POLYMERIZATION	(21) 2019764	F02D 13/02
(71) China Petroleum & Chemical Corporation	(22) 19.10.2017	(21) 2019783
Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation	(54) ELECTROSPINNING DEVICE AND METHOD	(22) 23.10.2017
(74) mr.ir. F.N. Ferro	(71) Innovative Mechanical Engineering Technologies B.V.	(54) Combustion engine
(72) Mingzhi Gao	(74) ir. M.F.J.M. Ketelaars c.s.	(71) Finvestor B.V.
Xiaoxia Cai	(72) Marc Simonet	(74) drs. A.A. Jilderda
Haitao Liu	Ramon Hubertus Mathijs Solberg	(72) Arjen Teake de Jong
Jianhua Chen	Paul Johannes Franciscus Maria Janssen	Sjouke Kemp de Jong
Jixing Ma	(41) 29.04.2019	Richard Theodoor Breunesse
Jun Wang	(51) E01F 13/02	Jacob Theodorus Krijgsman
Changxiu Li	(21) 2019754	(41) 29.04.2019
Jianjun Hu	(22) 18.10.2017	(51) F03D 3/02
Jing Ma	(54) Crush barrier	F03D 9/00
(31) 201710996877.4	(71) WeFency B.V.	(21) 2019755
(32) 19.10.2017	(74) mr. ir. J. van Breda c.s.	(22) 18.10.2017
(33) China	(72) Joerie Haring	(54) INRICHTING VOOR HET WINNEN VAN WINDENERGIE OP EEN HELLEND VLAK
(51) C12Q 1/6816	(41) 25.04.2019	(71) WINDLEVELENERGY B.V.
(21) 2019775	(51) E02D 1/04	(74) ir. M.B. Plaggenborg
(22) 20.10.2017	G01N 1/08	(72) Piet Leen Straijer
(54) Coacervate-based detection of a compound of interest	(21) 2019760	(41) 25.04.2019
(71) Technische Universiteit Delft	(22) 18.10.2017	(51) F16B 13/08
(74) ir. M.F.J.M. Ketelaars c.s.	(54) Piston corer and method of acquiring a soil sample.	F16B 35/04
(72) Louis Reese	(71) Fugro Technology B.V.	(21) 1043043
Willem Kasper Spoelstra	(74) ir. C.M. Jansen c.s.	(22) 17.10.2018
Stan Johan Jozef Brouns	(72) Peter Nicolaas Looijen	(54) Bevestigingsmiddelen voor het bevestigen van zaken aan een dragend element en werkwijze waarbij zulke bevestigingsmiddelen worden toegepast.
(41) 29.04.2019	Adrianus Petrus Maria Brabander	(71) Aquadraat Engineering bvba
(51) C25D 5/02	(41) 25.04.2019	(74) drs. O. Griebling
C25D 7/00	(51) E02D 3/054	(72) Johan Fierlafijn
C25D 7/06	(21) 1042591	Guido Vranken
C25D 17/00	(22) 16.10.2017	(41) 29.04.2019
C25D 17/06	(54) Cleft-Mallet	(31) 2017/5758
C25D 5/06	(71) Shachar Magali	(32) 23.10.2017
(21) 2019743	(74) drs. O. Griebling	(33) Belgium
(22) 17.10.2017	(72) Shachar Magali	(51) F16B 37/04
(54) Werkwijze voor het aanbrengen van een laag op een deel van het oppervlak van een substraat	(41) 24.04.2019	
	(51) E02D 5/80	
	(21) 2019781	
	(22) 23.10.2017	
	(54) Verankeringsinrichting	
	(71) MRS Sheetpiling B.V.	

(21) 2019744	(22) 20.10.2017	(22) 09.04.2019
(22) 17.10.2017	(54) Adapter om een geweer met een vuistvuurwapen te combineren.	(54) LITHOGRAPHIC APPARATUS AND METHOD OF CLEANING
(54) FASTENING UNIT	(71) Tancel Kömcü	(71) ASML Netherlands B.V.
(71) J. van Walraven Holding B.V.	(72) Tancel Kömcü	(74) ir. A.J. Maas
(74) ir. J.C. Volmer c.s.	(41) 29.04.2019	(72) Marcus Adrianus van de Kerkhof
(72) Marek Juzak	(51) G01C 21/36	Victoria Voronina
Frank Nijdam	G05D 1/02	Edgar Alberto Osorio Oliveros
(41) 24.04.2019	F02D 41/14	Ruud Martinus van der Horst
(51) F16C 21/00	G01S 5/16	(51) G03F 7/20
F16C 19/54	(21) 2019756	(21) 2022920
B66C 23/52	(22) 18.10.2017	(22) 10.04.2019
F16C 17/26	(54) Systeem voor het aansturen van een op basis van stuur- en versnellingswaarden bestuurbaar autonoom rijdend voertuig, autonoom rijdend voertuig voorzien van een dergelijk systeem en werkwijze voor het trainen van een dergelijk systeem.	(54) A METHOD AND SYSTEM FOR DETERMINING OVERLAY
F16C 17/10	(71) Stephan Johannes Smit	(71) ASML Netherlands B.V.
F16C 19/30	Johannes Wilhelmus Maria van Bentum	(74) ir. A.J. Maas
F16C 33/58	(74) ir. H.Th. van den Heuvel c.s.	(72) Patricius Jacobus Neefs
F16C 33/60	(72) Stephan Johannes Smit	Ruud Hendrikus Martinus Johannes Bloks
B66C 23/84	Johannes Wilhelmus Maria van Bentum	Johan Gertrudis Cornelis Kunnen
F16C 43/00	(41) 25.04.2019	Hendrik Cornelis Anton Borger
(21) 2019761	(51) G02B 27/01	Siebe Landheer
(22) 18.10.2017	(21) 2019774	Frederik Eduard de Jong
(54) ANNULAR BEARING ASSEMBLY	(22) 20.10.2017	(51) G03F 7/20
(71) Itrec B.V.	(54) Method and system for alerting a truck driver	(21) 2021836
(74) ir. J.C. Volmer c.s.	(71) DAF Trucks N.V.	(22) 19.10.2018
(72) Joop Roodenburg	(74) ir. C.M. Jansen c.s.	(54) SYSTEM FOR MONITORING A PLASMA
Hendrikus Jacobus Weterings	(72) Kurosch Hossein Asghari	(71) ASML Netherlands B.V.
(41) 25.04.2019	Erwin van Rozendaal	(74) ir. A.J. Maas
(51) F16L 5/00	(41) 29.04.2019	(72) Robert Jay Rafac
F16L 55/035	(51) G03B 17/00	Klaus Martin Hummler
F16L 3/10	G03B 17/08	Michael Anthony Purvis
(21) 2019747	F16M 11/00	Chengyuan Ding
(22) 17.10.2017	(21) 1042598	Igor Vladimirovich Fomenkov
(54) Riser clamp with a vibration isolation element	(22) 17.10.2017	(31) 62/577,208
(71) J. van Walraven Holding B.V.	(54) APPARATUS FOR THE ENCLOSURE OF A DEVICE FOR OBSERVATION OF SWIMMERS IN A POOL	(32) 26.10.2017
(74) ir. J.C. Volmer c.s.	(71) Marko Schanssema BEng MBA PhD	(33) United States of America
(72) Marek Juzak	(72) Marko Schanssema BEng MBA PhD	(51) G03F 7/20
Frank Nijdam	(41) 24.04.2019	(21) 2021562
(41) 24.04.2019	(51) G03F 7/20	(22) 05.09.2018
(51) F24F 13/08	(21) 2021744	(54) Apparatus for Receiving a Conductive Fuel
F15D 1/04	(22) 02.10.2018	(71) ASML Netherlands B.V.
F16L 55/12	(54) Projection System Calibration Method	(74) ir. A.J. Maas
(21) 1042603	(71) ASML Netherlands B.V.	(72) Johannes Christiaan Leonardus Franken
(22) 20.10.2017	(74) ir. A.J. Maas	Marco Richard de Baar
(54) Inzetstuk van comprimeerbaar materiaal met een luchtgeleidingsoppervlak waardoor de lucht wordt afgebogen ter verbetering van de luchtdoorstroming in een ventilatiekanaal met een dwarsopening	(72) Pierluigi Frisco	(31) 17198469.3
(71) John van Bijnen	Giovanni Imponente	(32) 26.10.2017
(72) Johannes Nicolaas Adrianus van Bijnen	James Robert Downes	(33) European Patent Office (EPO)
(41) 29.04.2019	(31) 17198087.3	(51) G06F 3/041
(51) F28D 1/03	(32) 24.10.2017	G06F 1/16
F28F 3/02	(33) European Patent Office (EPO)	(21) 2019782
F28F 3/06	(51) G03F 7/20	(22) 23.10.2017
(21) 2019792	(21) 2022921	(54) Touch screen overlay assembly
(22) 24.10.2017	(22) 11.04.2019	(71) Prestop Beheer B.V.
(54) Heat exchanger comprising a stack of cells and method of manufacturing such a heat exchanger	(54) A method and apparatus for predicting aberrations in a projection system	(74) ir. J.M.G. Dohmen c.s.
(71) Micro Turbine Technology B.V.	(71) ASML Netherlands B.V.	(72) Alexander Josephus Antonius Aelberts
(74) ir. A.E. Dekker-Garms	(74) ir. A.J. Maas	(41) 29.04.2019
(72) Paulus Maria Smeets	(72) Mhamed Akhssay	(51) G10D 7/02
Viktor Kornilov	Laurentius Johannes Adrianus van Bokhoven	(21) 1042599
Luuk Verbakel	(51) G03F 7/20	(22) 17.10.2017
(41) 29.04.2019	(21) 2022899	(54) Fluitkopstuk met aanblaasopening tussen twee resonatorholten die elk een dwars--oppervlakte bezitten die de helft is van de dwarsoppervlakte van de binnenzijde van de aansluitbuis
(51) F41C 27/00		(71) Vroom Dwarsfluitbouw
(21) 1042602		(72) Anthony Nicolaas Vroom
		(41) 24.04.2019

(51) H01L 31/18
(21) 2022817
(22) 27.03.2019
(54) SURFACE/INTERFACE PASSIVATION
LAYER FOR HIGH-EFFICIENCY
CRYSTALLINE SILICON CELL AND
PASSIVATION METHOD
(71) JIANGSU UNIVERSITY
CHANGZHOU UNIVERSITY
(74) P.J. Pollard B.Eng
(72) Jianning Ding
Ningyi Yuan
Feng Ye
(31) 2018108057877
(32) 20.07.2018
(33) China

(51) H02J 3/18
H02J 3/16
(21) 2021569
(22) 06.09.2018
(54) METHOD AND SYSTEM FOR
HIERARCHICALLY CONTROLLING
CASCADED STATCOM SYSTEM
(71) Central South University
(74) ir. J.C. Volmer c.s.
(72) Mei Su
Hua Han
Yao Sun
Xiaocao Hou
Guangze Shi
Zhangjie Liu
(41) 01.05.2019
(31) 201810922392.5
(32) 14.08.2018
(33) China

(51) H02M 7/48
H02M 1/00
H02M 7/493
H01F 27/28
H01F 27/38
(21) 2019772
(22) 20.10.2017
(54) An electrical converter, a method and a
computer program product
(71) Dutch Infinity Energy (D.I.E.) B.V.
(74) ir. C.M. Jansen c.s.
(72) Valeriy Anatol'evic Guzyeyev
(41) 29.04.2019

(51) H04N 7/15
B25J 5/00
(21) 1042597
(22) 17.10.2017
(54) Standaard en wieltjes geïntegreerd in een
tablet, mobiele telefoon en/ of laptop
(71) Wilco Johan Thomas Plantfeber
(72) Wilco Johan Thomas Plantfeber
(41) 24.04.2019

NP2

**Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patents which have been entered in the patent
register under the Patents Act 1995.**

(51) A01D 43/00 A01D 43/063 E01H 1/04 A01G 20/43 (11) 2019787 (47) 29.04.2019 (22) 23.10.2017	(22) 19.10.2017 (54) Werkwijze en systeem voor het bepalen van een toestand van ten minste een varken in een hok. (73) N.V. Nederlandsche Apparatenfabriek NEDAP (72) Luchi Willem van Lenthe Johan Marinus Gotink (74) ir. C.M. Jansen c.s.	(47) 29.04.2019 (22) 20.10.2017 (54) Zetinrichting en extractie-inrichting. (73) J.M. de Jong Duke Automatenfabriek B.V. (72) Cornelis de Groen Eduard Adri Brijder (74) drs. A.A. Jilderda
(54) Inrichting en werkwijze voor het opvegen of opharken van afgevalen bladeren (73) GKB Realisatie B.V. (72) Teunis Jan Willem Kraaijeveld Adrianus Kraaijeveld (74) ir. P.J. Hylarides c.s.	(74) ir. C.M. Jansen c.s. (51) A23D 9/05 A23P 10/40 F25D 3/12 (11) 2021877 (47) 24.04.2019 (22) 25.10.2018 (54) Improved emulsion spray-drying process and assembly for use in said process (73) D.P. Supply B.V. (72) Martin Hiemstra Gerrit Anne van Koningsveld (74) ir. J.C. Volmer c.s. (31) 2020184 (32) 27.12.2017 (33) Netherlands	(51) A61F 2/26 (11) 2019790 (47) 01.05.2019 (22) 24.10.2017 (54) PENILE IMPLANT (73) Boston Scientific Scimed, Inc. (72) Mark Edward DiLoreto Karl Alan Jagger Thomas Skoog Robert Berkenes Alex Alden Peterson (74) ir. P.J. Hylarides c.s.
(51) A01J 5/007 A01J 5/01 A01J 5/013 (11) 2019770 (47) 29.04.2019 (22) 20.10.2017 (54) Boerderijsysteem en werkwijze voor het uitbreiden van een boerderijsysteem (73) N.V. Nederlandsche Apparatenfabriek NEDAP (72) Jeroen Martin van Dijk Jan Anne Kuipers Rudie Jan Hendrik Lammers (74) ir. C.M. Jansen c.s.	(51) A23L 33/00 A61K 9/00 (11) 1042596 (47) 24.04.2019 (22) 17.10.2017 (54) Ijsje voorzien van medicatie tegen chronische ziektes en/ of niet-chronische ziektes (73) Wilco Johan Thomas Plantfeber (72) Wilco Johan Thomas Plantfeber	(51) A61P 35/00 C07F 15/00 A61K 31/7135 C07F 1/12 C07D 401/14 (11) 2019752 (47) 25.04.2019 (22) 18.10.2017 (54) Cytotoxic Complexes (73) Universiteit Leiden (72) Sylvestre Antoine Bonnet Vincent Hendrikus Shoichi van Rixel Xuequan Zhou (74) dr. A. Krebs
(51) A01K 1/00 B01D 47/02 B01D 53/77 F02M 35/00 (11) 2019759 (47) 25.04.2019 (22) 18.10.2017 (54) Filtersysteem, installatie zoals een stal voorzien daarvan en werkwijze daarvoor (73) Blue Economy Systems B.V. (72) Pascal Willem Richard Hazeleger Klaas van Heuven Wilhelmus Nicolaas Pieter Blasius van Gennip Iman Jacob de Zwarte Johannes Henricus Pierre Gerits (74) ir. P.J. Hylarides c.s.	(51) A45C 9/00 A45C 13/00 A45C 3/02 A45C 11/00 (11) 2019791 (47) 01.05.2019 (22) 24.10.2017 (54) Combined case and stand for a portable computing device (73) Dataflex International B.V. (72) Roderik Johan Mos Tijs Pieter Horn (74) ir. P.J. Hylarides c.s.	(51) A63B 71/06 A63B 24/00 (11) 1042604 (47) 29.04.2019 (22) 20.10.2017 (54) MULTI-USER OPERATED INTERACTIVE MULTIMEDIA SYSTEM (73) Leloup (72) Fleur Nicole Leloup
(51) A01K 11/00 (11) 2019758 (47) 25.04.2019 (22) 18.10.2017 (54) Diermanagementlabel ingericht om te worden gedragen door een dier (73) N.V. Nederlandsche Apparatenfabriek NEDAP (72) Rudie Jan Hendrik Lammers Jeroen Martin van Dijk (74) ir. C.M. Jansen c.s.	(51) A47F 10/06 G06Q 50/12 G06Q 10/08 (11) 1042593 (47) 24.04.2019 (22) 16.10.2017 (54) Restaurant met bediening per G-spoor en spoorwegthema (73) Freddy Reijngoudt Babita Dulam (72) ing. Freddy Reijngoudt ing. Babita Dulam	(51) B01D 1/20 B05B 1/00 (11) 2019757 (47) 25.04.2019 (22) 18.10.2017 (54) Sproeistuk voor hoge druk verstuiving of verneveling van een te sproeidrogen concentraat, drooginstallatie voorzien daarvan en werkwijze voor het sproeidrogen (73) Vreugdenhil Groep BV (72) Nammen Willem van der Meulen (74) ir. P.J. Hylarides c.s.
(51) A01K 29/00 A01K 5/02 (11) 2019762 (47) 29.04.2019	(51) A47J 31/36 (11) 2019777	(51) B26D 1/45 B29D 30/46 (11) 2019785 (47) 29.04.2019 (22) 23.10.2017

(54) Tire building apparatus and method for joining or cutting tire components	Christian Usher Paulus Gerardus Maria van Stiphout	(54) Outrigger assembly and vehicle, such as a mobile crane, comprising the outrigger assembly
(73) VMI Holland B.V.	(74) ir. C.M. Jansen c.s.	(73) Spierings Group B.V.
(72) Gerardus Johannes Catharina van Laar Gerrit Roy Nijland Cornelis-Jan Otto Dries Vis	(51) B62J 13/04 B62M 9/16 (11) 2020813 (47) 25.04.2019 (22) 23.04.2018	(72) Leonardus Franciscus Johannes Maria Spierings Bas Frederiks
(74) ir. F.A. Geurts c.s.	(54) KETTINGKAST EN KETTINGSPANSAMENSTEL	(74) ir. M.F.J.M. Ketelaars c.s.
(51) B28B 7/10 B28B 5/02 (11) 2019793 (47) 01.05.2019 (22) 24.10.2017	(73) VANMOOF B.V. (72) Ties Jonan Midas Carlier (74) ir. F.E. Hoeven (31) 2018764 (32) 21.04.2017 (33) Netherlands	(51) B66F 1/00 E01D 21/00 (11) 2019773 (47) 29.04.2019 (22) 20.10.2017
(54) Inrichting met verbeterde uitstoter	(31) 2018764	(54) Jack system for heavy loads, cup-shaped segment for a jack system, method of positioning a heavy load and method of transporting a jack system
(73) Beheermaatschappij De Boer Nijmegen B.V.	(32) 21.04.2017	(73) Mammoet Holding B.V.
(72) Gerardus Johannes Franciscus Pruyn	(33) Netherlands	(72) Anton Adrian Joachim van den Broek
(74) ir. P.J. Hylarides c.s.	(51) B65B 1/22 (11) 2019786 (47) 29.04.2019 (22) 23.10.2017	(74) mr. ir. J. van Breda c.s.
(51) B29C 45/17 B30B 15/00 B30B 15/06 (11) 2019767 (47) 29.04.2019 (22) 20.10.2017	(54) Compactor Device and a Conveyer System comprising such Compactor Device (73) BluePrint Holding B.V. (72) Nicolaas Martin Prakken Vincentius Alphonsus Jozef Peters	(51) C03B 37/014 C03B 19/14 C03B 20/00 (11) 2019876 (47) 29.04.2019 (22) 09.11.2017
(54) Press part for supporting a mould part for encapsulating electronic components mounted on a carrier and a press comprising the press part	(74) ir. M.F.J.M. Ketelaars c.s.	(54) OPTICAL FIBER PREFORMS WITH HALOGEN DOPING
(73) BESI NETHERLANDS B.V.	(51) B65F 3/00 B60L 1/00 B60L 50/00 B65G 65/23 B65F 3/02 B65F 3/24 B60L 50/50 (11) 2019751 (47) 25.04.2019 (22) 18.10.2017	(73) Corning Incorporated (72) Dana Craig Bookbinder Steven Bruce Dawes Richard Michael Fiacco Ming-Jun Li Pushkar Tandon
(72) Albertus Franciscus Gerardus van Driel	(54) BELADINGSSYSTEEM VOORZIEN VAN EEN ENERGIEMODULE, VUILNISAUTO VOORZIEN DAARVAN EN WERKWIJZE DAARVOOR	(74) ir. P.J. Hylarides c.s. (31) 62/574,945 (32) 20.10.2017
(74) ir. H.Th. van den Heuvel c.s.	(73) Terberg Machines B.V. (72) Jan Paul Versteeg Pieter Bouwe Gravesteijn	(33) United States of America
(51) B32B 7/04 B32B 7/14 B32B 27/08 B32B 27/36 E04B 1/76 E04B 1/78 B32B 1/08 B32B 3/02 (11) 2019789 (47) 01.05.2019 (22) 24.10.2017	(74) ir. P.J. Hylarides c.s.	(51) C03C 8/02 C04B 41/86 (11) 2019780 (47) 29.04.2019 (22) 23.10.2017
(54) GELAAGDE ISOLATIESTRUCTUUR	(51) B65H 75/38 (11) 2019771 (47) 29.04.2019 (22) 20.10.2017	(54) Binding composition for a ceramic glaze, glaze composition, glazing method and ceramic material
(73) Systent System Enterprises B.V.	(54) COMPACT AND STACKABLE HOSE REEL	(73) MINERALZ B.V.
(72) Wilhelmus Hendrikus Maria Lamers	(73) Joh. Mourik & Co. Holding B.V. (72) Paul Timmer (74) drs. W.H.P. Derks	(72) Daria Biryukova
(74) ir. J.C. Volmer c.s.	(51) B66C 13/04 B66D 3/04 (11) 1042605 (47) 01.05.2019 (22) 24.10.2017	(74) ir. H.Th. van den Heuvel c.s.
(51) B60G 11/46 B62D 61/12 (11) 2019746 (47) 24.04.2019 (22) 17.10.2017	(54) Werkwijze voor het hijsen van objecten en bijbehorend zelfcorrigerend hijsblok.	(51) C12Q 1/6816 (11) 2019775 (47) 29.04.2019 (22) 20.10.2017
(54) Axle lift	(73) Ropeblock B.V. (72) Johannes Hendrikus Eertman	(54) Coacervate-based detection of a compound of interest
(73) VDL Weweler B.V.	(51) B66C 23/78 (11) 2019784 (47) 29.04.2019 (22) 23.10.2017	(73) Technische Universiteit Delft (72) Louis Reese Willem Kasper Spoelstra Stan Johan Jozef Brouns
(72) Hans Bramer Rutger William Tjhuis	(74) ir. M.F.J.M. Ketelaars c.s.	(74) ir. M.F.J.M. Ketelaars c.s.
(74) ir. J.C. Volmer c.s.	(51) B66C 23/78 (11) 2019784 (47) 29.04.2019 (22) 23.10.2017	(51) C25D 5/02 C25D 7/00 C25D 7/06 C25D 17/00 C25D 17/06 C25D 5/06 (11) 2019743
(51) B60R 1/074 B60R 1/076 (11) 2019778 (47) 29.04.2019 (22) 20.10.2017		
(54) Bevestigingsconstructie, in het bijzonder voor een buitenzictheheid van een motorvoertuig		
(73) MCi (Mirror Controls International) Netherlands B.V.		
(72) Rozemarijn Lievaart Jannick Daniël Wijntjes		

(47) 24.04.2019	(51) E02D 1/04	(47) 25.04.2019
(22) 17.10.2017	G01N 1/08	(22) 18.10.2017
(54) Werkwijze voor het aanbrengen van een laag op een deel van het oppervlak van een substraat	(11) 2019760	(54) INRICHTING VOOR HET WINNEN VAN WINDENERGIE OP EEN HELLEND VLAK
(73) Mecco Equipment Engineers B.V.	(47) 25.04.2019	(73) WINDLEVELENERGY B.V.
(72) Henricus Gerardus Maria Vervoort Augustinus Cornelis Maria van de Ven	(22) 18.10.2017	(72) Piet Leen Straijer
(74) ir. J.M.G. Dohmen c.s.	(54) Piston corer and method of acquiring a soil sample.	(74) ir. M.B. Plaggenborg
(51) D01D 5/00	(73) Fugro Technology B.V.	(51) F16B 13/08
D04H 1/728	(72) Peter Nicolaas Looijen	F16B 35/04
B05B 5/025	Adrianus Petrus Maria Brabander	(11) 1043043
B05B 5/00	(74) ir. C.M. Jansen c.s.	(47) 29.04.2019
(11) 2019763	(51) E02D 3/054	(22) 17.10.2018
(47) 29.04.2019	(11) 1042591	(54) Bevestigingsmiddelen voor het bevestigen van zaken aan een dragend element en werkwijze waarbij zulke bevestigingsmiddelen worden toegepast.
(22) 19.10.2017	(47) 24.04.2019	(73) Aquadraat Engineering bvba
(54) ELECTRO HYDRODYNAMIC PRODUCTION METHOD AND SYSTEM	(22) 16.10.2017	(72) Johan Fierlafijn
(73) Innovative Mechanical Engineering Technologies B.V.	(54) Cleft-Mallet	Guido Vranken
(72) Marc Simonet	(73) Shachar Magali	(74) drs. O. Griebling
Paul Johannes Franciscus Maria Janssen	(72) Shachar Magali	(31) 2017/5758
Ramon Hubertus Mathijs Solberg	(74) drs. O. Griebling	(32) 23.10.2017
(74) ir. M.F.J.M. Ketelaars c.s.	(51) E02D 5/80	(33) Belgium
(51) D01D 5/00	(11) 2019781	(51) F16B 37/04
D04H 1/728	(47) 29.04.2019	(11) 2019744
B05B 5/025	(22) 23.10.2017	(47) 24.04.2019
D01D 5/00	(54) Verankeringsinrichting	(22) 17.10.2017
(11) 2019764	(73) MRS Sheetpiling B.V.	(54) FASTENING UNIT
(47) 29.04.2019	(72) Roelof Kloosterman	(73) J. van Walraven Holding B.V.
(22) 19.10.2017	Frank Richard	(72) Marek Juzak
(54) ELECTROSPINNING DEVICE AND METHOD	(74) ir. J.M.G. Dohmen c.s.	Frank Nijdam
(73) Innovative Mechanical Engineering Technologies B.V.	(51) E04F 21/18	(74) ir. J.C. Volmer c.s.
(72) Marc Simonet	(11) 1042600	(51) F16C 21/00
Ramon Hubertus Mathijs Solberg	(47) 24.04.2019	F16C 19/54
Paul Johannes Franciscus Maria Janssen	(22) 17.10.2017	B66C 23/52
(74) ir. M.F.J.M. Ketelaars c.s.	(54) Hulpwerktuig voor het bevestigen van een plafondplaat tegen een regelwerk, met een steundeel dat tijdelijk met het regelwerk wordt verbonden en dat in verbinding staat met een vaste onderbalk en een verende bovenbalk met een scharnierende plaatsteunbalk	F16C 17/26
(51) E01C 7/22	(73) Lambertus van der Kloogt	F16C 17/10
E01C 7/18	(72) Lambertus van der Kloogt	F16C 19/30
C08L 95/00	(51) E04H 12/22	F16C 33/58
(11) 2019481	A47G 5/00	F16C 33/60
(47) 25.04.2019	E01F 7/02	B66C 23/84
(22) 04.09.2017	E04H 15/00	F16C 43/00
(54) Werkwijze voor het warm opbrengen van een toplaag van een wegdekverharding alsmede rijweg die omvat een wegdekverharding met een warm opgebrachte toplaag.	(11) 2019750	(11) 2019761
(62) 2018465	(47) 24.04.2019	(47) 25.04.2019
(73) KWS Infra B.V.	(22) 17.10.2017	(22) 18.10.2017
(72) Rudy Dekkers	(54) Movable windshield	(54) ANNULAR BEARING ASSEMBLY
(74) ir. J.H.W. Assendelft	(73) Beschutt	(73) Itec B.V.
(31) 2016356	(72) Gerit Wemmers	(72) Joop Roodenburg
2016876	(74) mr. ir. J. van Breda c.s.	Hendrikus Jacobus Weterings
(32) 02.03.2016	(51) F02B 41/06	(74) ir. J.C. Volmer c.s.
01.06.2016	F02D 13/02	(51) F16L 5/00
(33) Netherlands	(11) 2019783	F16L 55/035
Netherlands	(47) 29.04.2019	F16L 3/10
(51) E01F 13/02	(22) 23.10.2017	(11) 2019747
(11) 2019754	(54) Combustion engine	(47) 24.04.2019
(47) 25.04.2019	(73) Finvestor B.V.	(22) 17.10.2017
(22) 18.10.2017	(72) Arjen Teake de Jong	(54) Riser clamp with a vibration isolation element
(54) Crush barrier	Sjouke Kemp de Jong	(73) J. van Walraven Holding B.V.
(73) WeFency B.V.	Richard Theodoor Breunese	(72) Marek Juzak
(72) Joerie Haring	Jacob Theodorus Krijgsman	Frank Nijdam
(74) mr. ir. J. van Breda c.s.	(74) drs. A.A. Jilderda	(74) ir. J.C. Volmer c.s.
	(51) F03D 3/02	(51) F24F 13/08
	F03D 9/00	F15D 1/04
	(11) 2019755	F16L 55/12
		(11) 1042603

(47) 29.04.2019	(22) 19.07.2018	Guy Eytan
(22) 20.10.2017	(54) 2-D Seismic Travel Time Calculation	Zvi Nir
(54) Inzetstuk van comprimeerbaar materiaal met een luchtgeleidingsoppervlak waardoor de lucht wordt afgebogen ter verbetering van de luchtdoorstroming in een ventilatiekanaal met een dwarsopening	Method Based on Virtual Source Wavefront Construction	(74) ir. J.M.G. Dohmen c.s.
(73) John van Bijnen	(73) CHENGDU QITAI ZHILIAN INFORMATION TECHNOLOGY CO., LTD.	(31) US15/648,931
(72) Johannes Nicolaas Adrianus van Bijnen	(72) Hui Sun	(32) 13.07.2017
(51) F28D 1/03	(74) drs. C.M.A. Quintelier	(33) United States of America
F28F 3/02	(31) 201810641651.7	(51) H01L 23/495
F28F 3/06	(32) 21.06.2018	H01L 23/498
(11) 2019792	(33) China	H01L 21/98
(47) 29.04.2019	(51) G02B 27/01	H01L 23/367
(22) 24.10.2017	(11) 2019774	H01L 25/07
(54) Heat exchanger comprising a stack of cells and method of manufacturing such a heat exchanger	(47) 29.04.2019	H01L 23/488
(73) Micro Turbine Technology B.V.	(22) 20.10.2017	H01L 23/492
(72) Paulus Maria Smeets	(54) Method and system for alerting a truck driver	H01L 21/60
Viktor Kornilov	(73) DAF Trucks N.V.	H01L 21/67
Luuk Verbakel	(72) Kurosch Hossein Asghari	H01L 23/16
(74) ir. A.E. Dekker-Garms	(74) Erwin van Rozendaal	(11) 2020940
(51) F28D 3/04	(74) ir. C.M. Jansen c.s.	(47) 25.04.2019
F17C 9/02	(51) G03B 17/00	(22) 16.05.2018
(11) 2017593	G03B 17/08	(54) Electronic module, lead frame and manufacturing method for electronic module
(47) 25.04.2019	F16M 11/00	(73) Shindengen Electric Manufacturing Co., Ltd
(22) 10.10.2016	(11) 1042598	(72) Kosuke Ikeda
(54) GAS VAPORIZER	(47) 24.04.2019	Osamu Matsuzaki
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	(22) 17.10.2017	(74) mr. drs. A.J.W. Hooiveld c.s.
(72) Yuji Sumida	(54) APPARATUS FOR THE ENCLOSURE OF A DEVICE FOR OBSERVATION OF SWIMMERS IN A POOL	(31) PCT/JP2017/018826
Tatsuo Yoshida	(73) Marko Schanssema BEng MBA PhD	(32) 19.05.2017
(74) ir. C.M. Jansen c.s.	(72) Marko Schanssema BEng MBA PhD	(33) Japan
(31) 2015-202720	(51) G06F 3/041	(51) H02J 3/18
(32) 14.10.2015	G06F 1/16	H02J 3/16
(33) Japan	(11) 2019782	(11) 2021569
(51) F41C 27/00	(47) 29.04.2019	(47) 01.05.2019
(11) 1042602	(22) 23.10.2017	(22) 06.09.2018
(47) 29.04.2019	(54) Touch screen overlay assembly	(54) METHOD AND SYSTEM FOR HIERARCHICALLY CONTROLLING CASCADED STATCOM SYSTEM
(22) 20.10.2017	(73) Prestop Beheer B.V.	(73) Central South University
(54) Adapter om een geweer met een vuistvuurwapen te combineren.	(72) Alexander Josephus Antonius Aelberts	(72) Mei Su
(73) Tancel Kömcü	(74) ir. J.M.G. Dohmen c.s.	Hua Han
(72) Tancel Kömcü	(51) G10D 7/02	Yao Sun
(51) G01C 21/36	(11) 1042599	Xiaocao Hou
G05D 1/02	(47) 24.04.2019	Guangze Shi
F02D 41/14	(22) 17.10.2017	Zhangjie Liu
G01S 5/16	(54) Fluitkopstuk met aanblaasopening tussen twee resonatorholten die elk een dwars-oppervlakte bezitten die de helft is van de dwarsoppervlakte van de binnenzijde van de aansluitbuis	(74) ir. J.C. Volmer c.s.
(11) 2019756	(73) Vroom Dwarsfluitbouw	(31) 201810922392.5
(47) 25.04.2019	(72) Anthony Nicolaas Vroom	(32) 14.08.2018
(22) 18.10.2017	(51) H01J 37/04	(33) China
(54) Systeem voor het aansturen van een op basis van stuur- en versnellingswaarden bestuurbaar autonoom rijdend voertuig, autonoom rijdend voertuig voorzien van een dergelijk systeem en werkwijze voor het trainen van een dergelijk systeem.	H01J 37/09	(51) H02M 7/48
(73) Stephan Johannes Smit	H01J 37/147	H02M 1/00
Johannes Wilhelmus Maria van Bentum	H01J 37/28	H02M 7/493
(72) Stephan Johannes Smit	(11) 2021301	H01F 27/28
Johannes Wilhelmus Maria van Bentum	(47) 25.04.2019	H01F 27/38
(74) ir. H.Th. van den Heuvel c.s.	(22) 13.07.2018	(11) 2019772
(51) G01V 1/30	(54) CHARGED PARTICLE BEAM DEVICE, CHARGED PARTICLE BEAM INFLUENCING DEVICE, AND METHOD OF OPERATING A CHARGED PARTICLE BEAM DEVICE	(47) 29.04.2019
G01V 99/00	(73) ICT Integrated Circuit Testing Gesellschaft für Halbleiterprüftechnik mbH	(22) 20.10.2017
(11) 2021354	(72) Dieter Winkler	(54) An electrical converter, a method and a computer program product
(47) 26.04.2019		(73) Dutch Infinity Energy (D.I.E.) B.V.
		(72) Valeriy Anatol'evic Guzyeyev
		(74) ir. C.M. Jansen c.s.
		(51) H04N 7/15
		B25J 5/00
		(11) 1042597
		(47) 24.04.2019
		(22) 17.10.2017
		(54) Standaard en wieltes geïntegreerd in een tablet, mobiele telefoon en/ of laptop
		(73) Wilco Johan Thomas Plantfeber

(72) Wilco Johan Thomas Plantfeber

(51) H05B 6/06

H05B 6/44

F16C 35/063

H05B 6/10

(11) 2020668

(47) 25.04.2019

(22) 26.03.2018

(54) Induction heating plate.

(73) Aktiebolaget SKF

(72) Alberto Javier Herrera Caballero

Ton Ramaker

(74) J. Hoekstra

(31) 1704805.9

(32) 27.03.2017

(33) United Kingdom

NP3

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..
Contains data concerning Netherlands patents which have been entered in the patent
register (after limitation procedure) under the Patents Act 1995.**

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

Contains data concerning translations of the claims of European patent applications.

(43) 10.04.2019

(11) ep3463841

(51) B30B 9/12

(71) GEA Process Engineering A/S

EP2

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

(51) A01B 33/02	ROTOR OF A FARM MACHINE, AND	(11) EP2298063
A01D 34/412	TOOL EQUIPPED WITH SUCH A DEVICE	(21) EP10176983.4
A01D 34/76	(73) Forges Gorce	(47) 01.05.2019
(11) EP3207779	(72) THIL, Jean-Pierre	(22) 16.09.2010
(21) EP17154713.6	VIDAL, Gilles	(54) Threshing system
(47) 01.05.2019	(31) 1657055	(73) CNH Industrial Belgium nv
(22) 03.02.2017	(32) 17.08.2016	(72) Imbert, Jean
(54) HIGH-SECURITY AND LOW-NOISE	(33) France	Baltz, Clinton T.
AGRICULTURAL MACHINE	(51) A01D 41/127	Flickinger, Wayne T.
(73) BCS S.p.A.	A01D 43/08	Farley, Herbert M.
(72) OMODEO VANONE, Fabrizio	(11) EP2473018	(31) 277015 P
(31) 201615016031	(21) EP10747628.5	(32) 18.09.2009
(32) 04.02.2016	(47) 01.05.2019	(33) United States of America
(33) United States of America	(87) EP2010062639	
(51) A01B 59/043	10.03.2011	(51) A01F 15/07
B60D 1/14	(22) 30.08.2010	(11) EP2250875
B60D 1/00	(54) AGRICULTURAL MACHINE WITH	(21) EP10161805.6
(11) EP3108729	VARIABLE RPM CONTROL	(47) 01.05.2019
(21) EP16175722.4	(73) CNH Industrial Belgium nv	(22) 04.05.2010
(47) 01.05.2019	(72) WOLFCARIUS, Nico J. M.	(54) Sensor for detection of wrapping on bale
(22) 22.06.2016	BYTTEBIER, Ward M. R.	(73) CNH Industrial Belgium nv
(54) DOUBLE IMPLEMENT CONNECTION	(31) 200900534	(72) Smith, Kevin M.
AT THE REAR OF A VEHICLE	(32) 01.09.2009	Foster, Christopher A.
(73) CNH Industrial Italia S.p.A.	(33) Belgium	Posselius, John H.
(72) HUBER, Roland	(51) A01D 75/18	(31) 464332
KOECK, Reinhard	A01F 29/16	(32) 12.05.2009
(31) UB20151630	(11) EP2638794	(33) United States of America
(32) 25.06.2015	(21) EP13158452.6	(51) A01F 15/08
(33) Italy	(47) 01.05.2019	B30B 9/30
(51) A01B 63/22	(22) 08.03.2013	(11) EP2947978
(11) EP3022997	(54) Moveable shredder for plants with a	(21) EP14702512.6
(21) EP14194175.7	monitoring system of the rotor depending on	(47) 01.05.2019
(47) 01.05.2019	covers	(87) EP2014051597
(22) 20.11.2014	(73) Seppi M. AG	31.07.2014
(54) AGRICULTURAL SOIL CULTIVATION	(72) Seppi, Lorenz	(22) 28.01.2014
DEVICE	(31) BZ20120010	(54) AGRICULTURAL BALER PROVIDED
(73) Kverneland AS	(32) 14.03.2012	WITH MEANS FOR PREVENTING
(72) Scheideler, Bernhard	(33) Italy	INCORRECT BALE LENGTH
(51) A01C 7/08	(51) A01D 101/00	(73) CNH Industrial Belgium nv
A01C 7/10	A01D 34/76	(72) DE BAERE, Freek
(11) EP2959762	A01D 34/66	(31) 201300055
(21) EP15401053.2	(11) EP3213621	(32) 28.01.2013
(47) 01.05.2019	(21) EP17159059.9	(33) Belgium
(22) 01.06.2015	(47) 01.05.2019	(51) A01F 15/10
(54) PNEUMATIC SOWING MACHINE	(22) 03.03.2017	A01F 15/08
(73) Amazonen-Werke H. Dreyer GmbH & Co.	(54) MODULAR CUTTERBAR ASSEMBLY	A01F 15/07
KG	AND CROP HARVESTING MACHINE	(11) EP3192349
(72) Dreyer, Justus	WITH SUCH	(21) EP17151532.3
Johannaber, Stefan Jan	(73) Deere & Company	(47) 01.05.2019
Teckemeyer, Stephan	(72) Stephenson, Roger	(22) 13.01.2017
(31) 102014108769	Aeschliman, Todd	(54) CONTINUOUS HARVESTER WITH CROP
(32) 24.06.2014	Nichols, Thomas	SUPPLY CHAMBER
(33) Germany	(31) 201662303430 P	(73) CNH Industrial Belgium nv
(51) A01D 34/535	201715402460	(72) Smith, Kevin M.
(11) EP3284333	(32) 04.03.2016	(31) 201614996186
(21) EP17170552.8	10.01.2017	(32) 14.01.2016
(47) 01.05.2019	(33) United States of America	(33) United States of America
(22) 11.05.2017	United States of America	(51) A01G 7/04
(54) DEVICE FOR INSTALLING/REMOVING	(51) A01F 12/20	A01G 20/00
AT LEAST ONE HAMMER ON THE	A01F 12/44	(11) EP3107370
	A01F 7/06	(21) EP16736366.2
		(47) 01.05.2019

(87) DE2016000186 17.11.2016	(32) 14.03.2014	LU, Albert L.
(22) 04.05.2016	(33) Finland	NOWATZKI, Timothy M.
(54) MOBILE GREEN GROWING SYSTEM	(51) A01G 25/02	NUBEL, Douglas Stuart
(73) TSM GmbH	B05B 1/20	REGISTER, III, James Calvin
(72) TSIVIKIS, Georg	B05B 1/30	SCELONGE, Christopher Jay
(31) 102015005947	(11) EP3075234	VILLANELO, M. Alejandra Pascual
102015012860	(21) EP14865630.9	YOUNG, Joshua K.
(32) 12.05.2015	(47) 01.05.2019	ZHONG, Cathy Xiaoyan
06.10.2015	(87) JP2014081157	CROWGEY, Erin
(33) Germany	04.06.2015	(31) 413536 P
Germany	(22) 26.11.2014	287462 P
(51) A01G 18/00	(54) EMITTER AND DRIP IRRIGATION TUBE	(32) 15.11.2010
B25J 15/06	(73) Enplas Corporation	17.12.2009
B25J 15/00	(72) KIDACHI, Masahiro	(33) United States of America
B25J 11/00	(31) 2013245228	United States of America
B25J 15/04	2014206487	(51) A01J 5/007
B25J 19/00	(32) 27.11.2013	(11) EP1988765
A01G 18/70	07.10.2014	(21) EP06799825.2
(11) EP3185667	(33) Japan	(47) 01.05.2019
(21) EP15836069.3	Japan	(87) SE2006050365
(47) 01.05.2019	(51) A01H 1/04	07.09.2007
(87) CA2015050790	A01H 5/12	(22) 02.10.2006
03.03.2016	C12N 15/82	(54) MILKING MACHINE TESTING
(22) 20.08.2015	C12Q 1/68	(73) DeLaval Holding AB
(54) MUSHROOM HARVESTER	(11) EP3177133	(72) CROOK, David
(73) Vineland Research and Innovations Centre Inc.	(21) EP15750218.8	INNINGS, Lars
(72) VAN DE VEGTE, John	(47) 01.05.2019	(31) 0600450
RENFREW, John	(87) US2015043529	(32) 01.03.2006
JANDRISITS, Matthew	11.02.2016	(33) Sweden
LAU, Robert	(22) 04.08.2015	(51) A01J 5/017
(31) 201462041707 P	(54) COMPOSITIONS AND METHODS	A01K 1/12
(32) 26.08.2014	FOR IDENTIFYING AND SELECTING	(11) EP2892322
(33) United States of America	MAIZE PLANTS WITH RESISTANCE TO	(21) EP13756724.4
(51) A01G 20/47	NORTHERN LEAF BLIGHT	(47) 01.05.2019
A47L 5/14	(73) Pioneer Hi-Bred International, Inc.	(87) NL2013050588
E01H 1/08	(72) KREFF, Enrique Domingo	13.03.2014
F04D 25/06	TABOR, Girma	(22) 08.08.2013
B08B 5/02	(31) 201462034806 P	(54) MILKING ROBOT
F04D 25/16	(32) 08.08.2014	(73) Lely Patent N.V.
F04D 27/00	(33) United States of America	(72) KRAGTEN, Gerrit Augustinus
F04D 29/32	(51) A01H 5/10	(31) 2009409
F04D 29/52	(11) EP3024317	(32) 04.09.2012
F04D 29/54	(21) EP14759005.3	(33) Netherlands
(11) EP3225098	(47) 01.05.2019	(51) A01K 1/015
(21) EP17275032.5	(87) FR2014051904	(11) EP2854515
(47) 01.05.2019	29.01.2015	(21) EP13725035.3
(22) 08.03.2017	(22) 23.07.2014	(47) 01.05.2019
(54) BLOW OPERATION DEVICE	(54) COATING FOR PLANT SEED	(87) US2013041529
(73) Yamabiko Corporation	(73) Jouffray Drillaud	05.12.2013
(72) Haramoto, Kunihiko	(72) BEGUIER, Vincent	(22) 17.05.2013
Suzuki, Kenji	(31) 1357321	(54) LOW-DUST ANIMAL LITTERS AND
(31) 2016059081	(32) 24.07.2013	METHODS FOR MAKING SAME
(32) 23.03.2016	(33) France	(73) Nestec S.A.
(33) Japan	(51) A01H 5/10	(72) ZHANG, Yimin
(51) A01G 23/081	C12N 15/82	JEMMOTT, Emily, Alison
A01G 23/083	C07K 14/325	VERA, Gustavo
(11) EP3116300	(11) EP2512226	(31) 201261653068 P
(21) EP15761559.2	(21) EP10803313.5	(32) 30.05.2012
(47) 01.05.2019	(47) 01.05.2019	(33) United States of America
(87) FI2015050161	(87) US2010060818	(51) A01K 5/02
17.09.2015	14.07.2011	B01F 7/08
(22) 13.03.2015	(22) 16.12.2010	B01F 15/00
(54) ENERGY WOOD GRAPPLE	(54) MAIZE EVENT DP-004114-3 AND	A01K 5/00
(73) Koponen, Tenho	METHODS FOR DETECTION THEREOF	B01F 7/00
(72) Koponen, Tenho	(73) E. I. du Pont de Nemours and Company	(11) EP3119191
(31) 20145236	PIONEER HI-BRED INTERNATIONAL, INC.	(21) EP15707400.6
	(72) DIEHN, Scott	(47) 01.05.2019
		(87) EP2015054515

24.09.2015	(11) EP2926650	(51) A01N 1/02
(22) 04.03.2015	(21) EP15161322.1	A61K 31/135
(54) PIVOTABLE FEED MIXER	(47) 01.05.2019	A61K 31/46
(73) GEA Farm Technologies GmbH	(22) 27.03.2015	A61K 31/55
Gea Farm Technologies Mullerup A/S	(54) Jig head	(11) EP2568805
(72) HANSEN, Henrik Lund	(73) Globeride, Inc.	(21) EP11780879.0
(31) 102014103857	(72) Furuya, Hideyuki	(47) 01.05.2019
(32) 20.03.2014	(31) 2014071403	(87) SE2011000083
(33) Germany	(32) 31.03.2014	17.11.2011
(51) A01K 7/02	(33) Japan	(22) 13.05.2011
A01K 7/00	(51) A01M 1/08	(54) A MEDICAL FLUID, A METHOD OF
(11) EP2480068	A01M 1/02	TREATMENT AND USE OF THE FLUID
(21) EP10818033.2	A01M 1/10	(73) XVIVO Perfusion AB
(47) 01.05.2019	F03G 6/00	(72) STEEN, Stig
(87) US2010049692	(11) EP2934108	(31) 396709 P
24.03.2011	(21) EP13864617.9	1000518
(22) 21.09.2010	(47) 01.05.2019	(32) 02.06.2010
(54) PET FOUNTAIN	(87) US2013057477	14.05.2010
(73) Pioneer Pet Products, LLC	26.06.2014	(33) United States of America
(72) LIPSCOMB, John, M.	(22) 30.08.2013	Sweden
HE, Qing	(54) SOLAR POWERED INSECT TRAP	(51) A01N 37/02
SURING, Stanley, L.	(73) Dynamic Solutions Worldwide, LLC	A01N 37/06
(31) 244438 P	(72) ROCHA, Juan, J.	A01N 59/20
(32) 21.09.2009	(31) 201213719447	(11) EP2482648
(33) United States of America	(32) 19.12.2012	(21) EP09778781.6
(51) A01K 13/00	(33) United States of America	(47) 01.05.2019
A45D 26/00	(51) A01M 7/00	(87) EP2009007026
(11) EP2880972	(11) EP2712502	07.04.2011
(21) EP14191447.3	(21) EP13185261.8	(22) 30.09.2009
(47) 01.05.2019	(47) 01.05.2019	(54) OIL BORNE WOOD PRESERVING
(22) 03.11.2014	(22) 20.09.2013	COMPOSITION FOR TREATMENT OF
(54) Device for plucking dead hairs from the skin	(54) Trailed agricultural implement pump with	POLES, POSTS, PILING, CROSS-TIES
of a dog	hydraulic flow rate control	AND OTHER WOODED STRUCTURES
(73) Karhia innovations Oy	(73) John Deere Fabriek Horst B.V.	COMPRISING FATTY ACID AND
(72) Ristaniemi, Markus	Deere & Company	BIVALENT COPPER
Ristaniemi, Sami	(72) Engelbrecht, Joshua J	(73) Koppers Performance Chemicals Inc.
(31) 20136226	Hloben, Peter	(72) MARX, Hans-Norbert
(32) 05.12.2013	Gardner, Michael	(51) A01N 43/40
(33) Finland	(31) 201213630478	A01N 43/70
(51) A01K 67/027	(32) 28.09.2012	A01N 43/88
C07K 16/00	(33) United States of America	A01N 43/707
C12N 15/85	(51) A01M 7/00	A01N 37/22
(11) EP2825037	(11) EP2705751	A01N 43/64
(21) EP13714127.1	(21) EP13183414.5	A01N 37/40
(47) 01.05.2019	(47) 01.05.2019	A01N 47/30
(87) US2013032036	(22) 06.09.2013	A01N 47/36
19.09.2013	(54) Method for automatically determining a	(11) EP2877022
(22) 15.03.2013	modelling parameter of a sprayer system,	(21) EP13823554.4
(54) RODENTS EXPRESSING PH-SENSITIVE	control method and sprayer system using	(47) 01.05.2019
IMMUNOGLOBULIN SEQUENCES	such a parameter	(87) US2013051297
(73) Regeneron Pharmaceuticals, Inc.	(73) EXEL INDUSTRIES	30.01.2014
(72) MCWHIRTER, John	(72) Ballu, Patrick	(22) 19.07.2013
MACDONALD, Lynn	Gillet, Alain	(54) HERBICIDAL COMPOSITIONS
MARTIN, Joel, H.	(31) 1258409	COMPRISING 4-AMINO-3-CHLORO-5-
MURPHY, Andrew, J.	(32) 07.09.2012	FLUORO-6-(4-CHLORO-2-FLUORO-3-
(31) 201261611950 P	(33) France	METHOXYPHENYL) PYRIDINE-2-
201261612126 P	(51) A01M 23/16	CARBOXYLIC ACID
201261613352 P	A01M 23/24	(73) Dow AgroSciences LLC
201261736930 P	A01M 23/38	(72) YERKES, Clara
(32) 16.03.2012	(11) EP3289871	MANN, Richard
16.03.2012	(21) EP16186805.4	SCHMITZER, Paul
20.03.2012	(47) 01.05.2019	SATCHIVI, Norbert
13.12.2012	(22) 01.09.2016	(31) 201261675089 P
(33) United States of America	(54) CHILD AND PET SECURED RODENT	201313840488
United States of America	POISON FREE TRAP	(32) 24.07.2012
United States of America	(73) Camro A/S	15.03.2013
United States of America	(72) Sørensen, Kurt	(33) United States of America
(51) A01K 85/00		United States of America

(51) A01N 43/80 A01N 59/16 A01P 1/00 A61K 31/425 A61K 31/555 A61K 33/30	(54) SYSTEM FOR HANDLING CULINARY PREPARATIONS	butchered animals conveyed in a row and processing equipment including at least one such measurement equipment
(11) EP2742803 (21) EP14150293.0 (47) 01.05.2019 (22) 25.05.2007	(73) Ekim (72) HAMON, Cyrill ROVERSO, Sébastien RASCLE, Didier	(73) Nordischer Maschinenbau Rud. Baader GmbH + Co. KG
(54) USE OF ZINC IONS TO ENHANCE AN ISOTHIAZOLINONE BIOCIDES	(31) 1650844 1750806 (32) 03.02.2016 31.01.2017	(72) Gütte, Ulrich
(73) Arch Chemicals, Inc. (72) Thompson, Nicholas Edward Clarke, Fitzgerald Greenhalgh, Malcolm	(33) France France	(51) A22C 7/00 (11) EP2393367 (21) EP10702855.7 (47) 01.05.2019 (87) EP2010050973 12.08.2010
(31) 808697 P 805779 (32) 26.05.2006 24.05.2007	(51) A21C 11/00 (11) EP3410860 (21) EP17706696.6 (47) 01.05.2019 (87) EP2017052230 10.08.2017	(22) 28.01.2010 (54) A MOULDING UNIT FOR FORMING AND COOKING MEAT (73) Fava s.n.c. di Adele Turetta & c. (72) FAVA, Antonio (31) RE20090007 (32) 03.02.2009 (33) Italy
(33) United States of America United States of America	(22) 02.02.2017 (54) DEVICE FOR FORMING A SHEETED DOUGH FROM A DOUGH PIECE BY PRESSING	(51) A22C 15/00 (11) EP3318132 (21) EP17199305.8 (47) 01.05.2019 (22) 31.10.2017 (54) DEVICE FOR HANGING FILLED MEAT PRODUCTS AND MACHINE COMPRISING SUCH DEVICE (73) Serrano Maq. Carnica Comercial, S.L.U. (72) SERRANO GIL, Gabriel (31) 201631395 (32) 02.11.2016 (33) Spain
(51) A21C 1/02 A21C 1/14 (11) EP3086649 (21) EP14853162.7 (47) 01.05.2019 (87) IB2014003211 02.07.2015 (22) 24.12.2014	(73) Ekim (72) HAMON, Cyrill ROVERSO, Sébastien CALVARIN, Faustine	(51) A23B 7/152 B65D 65/42 A23B 7/154 A23B 7/157 B65D 81/28 (11) EP2888944 (21) EP14200357.3 (47) 01.05.2019 (22) 26.12.2014 (54) Method for producing an age delaying material for fruits and vegetables (73) Plastics Industry Development Center (72) Tseng, Hsiang-Jung Peng, Chia-Hsiang Sung, Ming-Hsien
(54) AN APPARATUS, SYSTEM AND METHOD FOR AN ADAPTIVE KNEADING TECHNOLOGY FOR A FOOD PREPARATION APPLIANCE	(31) 1650844 (32) 03.02.2016 (33) France	(31) 2013096110 201414445122 (32) 26.12.2013 29.07.2014
(73) Zimplistic Pte Ltd (72) ISRANI, Pranoti Nagarkar ISRANI, Rishi SYED, Rizwan SIM, Kok-Choon FAUZAN, Akhmad NAGARKAR, Shrugal Deepak	(51) A21D 2/18 A21D 2/22 A21D 2/36 A23L 19/12	(22) 24.12.2014
(31) 2013096110 201414445122 (32) 26.12.2013 29.07.2014	(11) EP3146846 (21) EP15186294.3 (47) 01.05.2019 (22) 22.09.2015 (54) PRODUCT MADE FROM POTATO DOUGH AND ITS PRODUCTION (73) Wewalka GmbH Nfg. KG (72) Koller, Wolfgang Selimaj, Mehmet	(51) A23B 7/152 B65D 65/42 A23B 7/154 A23B 7/157 B65D 81/28 (11) EP2888944 (21) EP14200357.3 (47) 01.05.2019 (22) 26.12.2014 (54) Method for producing an age delaying material for fruits and vegetables (73) Plastics Industry Development Center (72) Tseng, Hsiang-Jung Peng, Chia-Hsiang Sung, Ming-Hsien
(33) Singapore United States of America	(51) A21D 13/41 A21D 8/04 A21D 13/00	(31) 201414445122 (32) 26.12.2013 29.07.2014
(51) A21C 3/06 (11) EP3085235 (21) EP16163564.4 (47) 01.05.2019 (22) 01.04.2016	(11) EP3240426 (21) EP15840968.0 (47) 01.05.2019 (87) IB2015060009 07.07.2016 (22) 28.12.2015	(51) A23B 7/152 B65D 65/42 A23B 7/154 A23B 7/157 B65D 81/28 (11) EP2888944 (21) EP14200357.3 (47) 01.05.2019 (22) 26.12.2014 (54) Method for producing an age delaying material for fruits and vegetables (73) Plastics Industry Development Center (72) Tseng, Hsiang-Jung Peng, Chia-Hsiang Sung, Ming-Hsien
(54) METHOD FOR THE PREPARATION OF COILED DOUGH PIECES FROM PIECES OF DOUGH	(54) PRODUCTION OF A YEAST-FREE, HIGHLY DIGESTIBLE PIZZA BY USING A DOUGH CONTAINING LACTIC ACID BACTERIA	(31) 102148593 (32) 27.12.2013 (33) Taiwan, Province of China
(73) Rondo Burgdorf AG (72) Zwahlen, Andreas Weissbach, Alexander	(73) Mofin S.R.L. (72) MOGNA, Giovanni STROZZI, Gian Paolo	(51) A23C 11/10 (11) EP3042566 (21) EP16150770.2 (47) 01.05.2019 (22) 11.01.2016 (54) VEGETABLE YOGHURT-LIKE PRODUCTS AND METHODS FOR PRODUCING THESE (73) Alpro Comm. VA (72) Neiryneck, Nico (31) 201505009 (32) 10.01.2015 (33) Belgium
(31) 102015106138 (32) 22.04.2015 (33) Germany	(31) MI20142264 (32) 29.12.2014 (33) Italy	(51) A23C 19/16 C09D 167/04 (11) EP3302078
(51) A21C 11/00 (11) EP3410859 (21) EP17706695.8 (47) 01.05.2019 (87) EP2017052225 10.08.2017 (22) 02.02.2017	(51) A22B 5/00 (11) EP2599387 (21) EP11191797.7 (47) 01.05.2019 (22) 02.12.2011 (54) Measurement device for individual identification of physical features of	

(21) EP16744565.9	A23G 1/32	(31) 1550850
(47) 01.05.2019	A23G 1/36	(32) 18.06.2015
(87) NL2016050379	A23G 1/54	(33) Sweden
01.12.2016	B65D 65/38	<hr/>
(22) 27.05.2016	B65D 75/28	(51) A23K 20/179
(54) CHEESE COATING	B65D 81/38	A23L 33/10
(73) CSK Food Enrichment BV	(11) EP2900072	A23L 33/105
(72) MEIJER, Willem Cornelis	(21) EP13774021.3	A23L 5/44
KOOPMANS, Wieger Jan	(47) 01.05.2019	C12P 23/00
KEVELAM, Jan	(87) US2013061627	C12N 15/09
NURMI, Leena	03.04.2014	C12R 1/01
(31) 2014862	(22) 25.09.2013	(11) EP2554675
(32) 27.05.2015	(54) HEAT RESISTANT CHOCOLATE	(21) EP11762840.4
(33) Netherlands	(73) Mars, Incorporated	(47) 01.05.2019
<hr/>	(72) WENTZEL, Joanna	(87) JP2011057794
(51) A23D 7/00	HAUSMAN, David	06.10.2011
(11) EP3245876	GLAZIER, Barry David	(22) 29.03.2011
(21) EP17171242.5	TWEEDIE, Guy Charles	(54) METHOD OF MANUFACTURING
(47) 01.05.2019	(31) 201261707330 P	ZEAXANTHIN BY FERMENTATION
(22) 16.05.2017	201361789863 P	(73) JXTG Nippon Oil & Energy Corporation
(54) SPREADABLE FOOD COMPOSITION	(32) 28.09.2012	(72) HIRASAWA Kazuaki
(73) Unigra' S.r.l.	15.03.2013	SATOH Hiroshi
(72) MONTEFIORI, Gian Luigi	(33) United States of America	YONEDA Hisashi
(31) UA20163474	United States of America	YATA Tetsuhisa
(32) 16.05.2016	<hr/>	AZUMA Mitsutoshi
(33) Italy	(51) A23G 9/08	(31) 2010079415
<hr/>	A23G 9/12	(32) 30.03.2010
(51) A23F 3/16	A23G 9/28	(33) Japan
(11) EP2826381	A23G 9/22	<hr/>
(21) EP13761552.2	(11) EP3062630	(51) A23L 2/02
(47) 01.05.2019	(21) EP14789581.7	A23L 2/76
(87) JP2013056852	(47) 01.05.2019	A23L 19/00
19.09.2013	(87) EP2014073133	A23B 7/005
(22) 12.03.2013	07.05.2015	A23N 1/02
(54) BEVERAGE CONTAINING TEA-LEAF	(22) 28.10.2014	(11) EP2709459
PECTIN	(54) MACHINE AND SYSTEM FOR	(21) EP12769477.6
(73) Suntory Holdings Limited	PREPARING A COOLED FOOD	(47) 01.05.2019
(72) HAYAKAWA, Satoshi	PRODUCT WITH AERATED OR	(87) IB2012052451
KOBAYASHI, Shinichi	WHIPPED TEXTURE IN CONTROLLED	29.11.2012
NAGAO, Koji	MANNER	(22) 16.05.2012
YAMASHITA, Tatsunori	(73) Nestec S.A.	(54) PROCESS FOR DEAERATING AND
(31) 2012054409	(72) NOTH, André	HEATING VEGETABLE PRODUCT AND
(32) 12.03.2012	YOAKIM, Alfred	PLANT THEREFOR
(33) Japan	SUNDERLAND, Charles-Austin	(73) Bertocchi, Alessandro
<hr/>	(31) 13190868	(72) Bertocchi, Alessandro
(51) A23F 3/16	(32) 30.10.2013	(31) PI20110055
A23F 3/18	(33) European Patent Office (EPO)	(32) 18.05.2011
A23F 3/42	<hr/>	(33) Italy
(11) EP2583560	(51) A23G 9/26	<hr/>
(21) EP11798085.4	A23G 9/28	(51) A23L 2/52
(47) 01.05.2019	B26D 1/06	A23C 23/00
(87) JP2011064042	B26D 1/08	A23C 9/146
29.12.2011	B26D 1/09	A23C 9/152
(22) 20.06.2011	B26D 7/08	A61K 38/44
(54) GREEN TEA EXTRACT	B26D 1/00	A61K 38/46
(73) Suntory Holdings Limited	(11) EP3310186	A23C 9/15
(72) KOBAYASHI, Shinichi	(21) EP16731839.3	(11) EP2880997
TERAZAWA, Noriko	(47) 01.05.2019	(21) EP12882174.1
MAKI, Hideki	(87) EP2016063883	(47) 01.05.2019
NAGAO, Koji	22.12.2016	(87) JP2012069394
HAYAKAWA, Satoshi	(22) 16.06.2016	06.02.2014
MAEKAWA, Koichiro	(54) METHOD FOR PRODUCING AN ICE	(22) 31.07.2012
SATO, Tsuyoshi	CREAM PRODUCT USING AN ICE	(54) BEVERAGE, AND METHOD FOR
OSADA, Akinori	CREAM MACHINE	PRODUCING SAME
(31) 2010140827	(73) Tetra Laval Holdings & Finance S.A.	(73) Megmilk Snow Brand Co. Ltd.
(32) 21.06.2010	(72) SKOGLUND, Tomas	(72) OHMACHI, Aiko
(33) Japan	LINDAU, Jeanette	MATSUYAMA, Hiroaki
<hr/>	BONDE, Tommy	MORITA, Yoshikazu
(51) A23G 1/40	HANSEN, Per Henrik	ISHIDA, Yuko
A23G 3/42	BENDIXEN, Ole	NARA, Takayuki
B65D 75/38		KATO, Ken
B65D 85/60		

SERIZAWA, Atsushi	04.06.2015	WILLOUGHBY, Christopher
UENO, Hiroshi	(22) 29.11.2013	(31) 975828 P
URAZONO, Hiroshi	(54) USE OF NUTRITIONAL COMPOSITIONS	(32) 28.09.2007
(51) A23L 3/32	HAVING A LOW PROTEIN AMOUNT	(33) United States of America
A47J 37/12	(73) Nestec S.A.	(51) A24C 5/32
F25D 11/00	(72) EGLI, Delphine	(11) EP2921063
F25D 13/00	HASCHKE, Ferdinand	(21) EP15158488.5
H01F 38/12	HUBER-HAAG, Karl-Josef	(47) 01.05.2019
H01T 19/00	STEENHOUT, Philippe	(22) 10.03.2015
H01T 23/00	TAN, Sze	(54) PICK-UP DEVICE FOR PICKING UP
(11) EP3108752	(51) A23L 33/12	ARTICLES FROM THE TOBACCO
(21) EP14882328.9	A23L 33/115	PROCESSING INDUSTRY
(47) 01.05.2019	A23K 40/30	(73) Hauni Maschinenbau GmbH
(87) JP2014080512	A23K 20/158	(72) Müller, Thomas
20.08.2015	A23K 50/30	(31) 102014204701
(22) 18.11.2014	A61K 36/02	(32) 13.03.2014
(54) SPACE POTENTIAL GENERATION	A61K 31/202	(33) Germany
DEVICE, FRESHNESS MAINTAINING	A23K 50/75	(51) A24C 5/47
DEVICE USING SUCH SPACE	(11) EP2214481	A24D 3/02
POTENTIAL GENERATION DEVICE,	(21) EP08840208.6	(11) EP2916668
AND FRYER PROVIDED WITH SUCH	(47) 01.05.2019	(21) EP13818414.8
SPACE POTENTIAL GENERATION	(87) US2008079995	(47) 01.05.2019
DEVICE	23.04.2009	(87) IB2013060015
(73) Goto, Kanetaka	(22) 15.10.2008	15.05.2014
(72) KATO, Takayuki	(54) METHOD FOR INCREASING	(22) 08.11.2013
KONDO, Kanako	PERFORMANCE OF OFFSPRING	(54) CIGARETTE MANUFACTURING
(31) 2014027804	(73) United Animal Health, Inc.	ASSEMBLY MACHINE, AND RELATIVE
(32) 17.02.2014	(72) SPENCER, Joel, Dean	ASSEMBLY METHOD
(33) Japan	(31) 980143 P	(73) G.D Societa' per Azioni
(51) A23L 17/60	(32) 15.10.2007	(72) EUSEPI, Ivan
A21D 2/26	(33) United States of America	ESPOSTI, Marco
(11) EP3057443	(51) A23L 33/19	SARTONI, Massimo
(21) EP14796826.7	A23C 9/20	(31) BO20120614
(47) 01.05.2019	(11) EP3079485	(32) 08.11.2012
(87) FR2014052648	(21) EP14811887.0	(33) Italy
23.04.2015	(47) 01.05.2019	(51) A24D 1/02
(22) 17.10.2014	(87) EP2014077484	(11) EP2683261
(54) PROCESS FOR TEXTURING A	18.06.2015	(21) EP12754285.0
MICROALGAL BIOMASS	(22) 12.12.2014	(47) 01.05.2019
(73) Corbion Biotech, Inc.	(54) USE OF A MODIFIED SWEET WHEY	(87) US2012027775
(72) PASSE, Damien	AND A MODIFIED SWEET WHEY	13.09.2012
(31) 1360202	CONTAINING INFANT FORMULA	(22) 05.03.2012
(32) 18.10.2013	FOR PROMOTING THE POSTNATAL	(54) METHOD OF APPLYING PHASE
(33) France	DEVELOPMENT OF THE INFANT	TRANSITION MATERIALS
(51) A23L 27/00	CENTRAL NERVOUS SYSTEM AND	TO SEMI-POROUS, FLEXIBLE
A23L 2/56	RELATED COGNITIVE FUNCTIONS	SUBSTRATES USED TO CONTROL GAS
A23L 27/20	(73) Nestec S.A.	PERMEABILITY
A23G 4/06	(72) FAURE, Magali	(73) Lorillard Tobacco Company
A23L 27/29	(31) 13197205	(72) BROWN, Steven, E.
A23L 27/30	(32) 13.12.2013	DYAKONOV, Alexander
A23L 33/105	(33) European Patent Office (EPO)	SANCHEZ, Luis, A.
(11) EP2659789	(51) A23P 20/25	(31) 201161449280 P
(21) EP12166745.5	A23L 7/122	201161449299 P
(47) 01.05.2019	A23L 7/165	201161450375 P
(22) 04.05.2012	A21D 13/30	(32) 04.03.2011
(54) Compound mixtures	A23G 3/54	04.03.2011
(73) Symrise AG	(11) EP2219462	08.03.2011
(72) Krammer, Gerhard	(21) EP08834292.8	(33) United States of America
Siegel, Sven	(47) 01.05.2019	United States of America
Kindel, Günter	(87) US2008078100	United States of America
(51) A23L 33/00	02.04.2009	(51) A24F 47/00
A23C 9/20	(22) 29.09.2008	(11) EP2944205
A23L 33/17	(54) PARTICULATE FILLED EDIBLE	(21) EP14168436.5
A61P 3/04	PRODUCT AND PROCESS FOR MAKING	(47) 01.05.2019
(11) EP3082463	(73) Kellogg Company	(22) 15.05.2014
(21) EP13805304.6	(72) BELANGER, Michael, E.	(54) Electronic smoking device and mouthpiece
(47) 01.05.2019	RUHLMAN, Maria, Denelle	(73) Fontem Holdings I B.V.
(87) EP2013075050	KINCAID, James, G.	

(72) Daryani, Neha	(33) United States of America	(87) IB2015001526
(51) A24F 47/00	(51) A41D 13/015	24.03.2016
(11) EP3072406	A41D 13/06	(22) 07.09.2015
(21) EP16151721.4	(11) EP2967165	(54) A TRIPLE LAYERED COMPRESSIBLE
(47) 01.05.2019	(21) EP14774625.9	LINER FOR IMPACT PROTECTION
(22) 04.08.2011	(47) 01.05.2019	(73) Strategic Sports Limited
(54) ELECTRONIC CIGARETTE	(87) US2014021903	Morgan, Donald, Edward
(73) Fontem Holdings 1 B.V.	02.10.2014	(72) MORGAN, Donald Edward
(72) Hon, Lik	(22) 07.03.2014	(31) 201416556
(51) A24F 47/00	(54) PROTECTIVE APPARATUS WITH	(32) 19.09.2014
A61M 15/06	A VARIED THICKNESS LATTICE	(33) United Kingdom
B65B 3/04	SUPPORT STRUCTURE	(51) A42B 3/26
B65B 7/28	(73) NIKE Innovate C.V.	A61F 9/02
B65D 47/36	(72) BEHREND, Carl	B65H 18/10
A61M 15/00	MCLACHLAN, Oliver	B65H 16/06
(11) EP3009019	(31) 201313804758	B65H 18/02
(21) EP14189416.2	(32) 14.03.2013	(11) EP3220765
(47) 01.05.2019	(33) United States of America	(21) EP15861796.9
(22) 17.10.2014	(51) A41D 13/08	(47) 01.05.2019
(54) CARTRIDGE HAVING A LIQUID	A41D 13/05	(87) US2015056987
TRANSPORTING ELEMENT FOR USES	A63B 71/14	26.05.2016
WITH AN ELECTRONIC SMOKING	(11) EP3270723	(22) 22.10.2015
DEVICE	(21) EP16710213.6	(54) OFF-ROAD ROLLING FILM VISION
(73) Fontem Holdings 1 B.V.	(47) 01.05.2019	SYSTEM
(72) Rowbotham, Andrew	(87) EP2016055791	(73) Kulik, Mark
Borkovec, Vaclav	22.09.2016	(72) Kulik, Mark
Collins, Fiona	(22) 17.03.2016	(31) 201414543794
Davidson, Shona	(54) DISPOSABLE DEVICE OR ACCESSORY	(32) 17.11.2014
(51) A41B 11/02	TO FACILITATE AND IMPROVE THE	(33) United States of America
A63B 71/12	GRIP OF AN EQUIPMENT OR A BALL	(51) A43B 3/00
(11) EP2967159	WHILE PLAYING SPORTS OR WHILE	(11) EP3212024
(21) EP14769690.0	WORKING	(21) EP15797132.6
(47) 01.05.2019	(73) Salvatori, Ettore	(47) 01.05.2019
(87) US2014027266	(72) Salvatori, Ettore	(87) FR2015052904
25.09.2014	(31) FI20150079	06.05.2016
(22) 14.03.2014	(32) 19.03.2015	(22) 28.10.2015
(54) PROTECTIVE ANKLE AND CALF	(33) Italy	(54) SHOELACE CONSISTING OF A
SLEEVE	(51) A42B 3/04	SILICONE BAND
(73) NIKE Innovate C.V.	A61B 5/103	(73) Sylvain, Creton
(72) BEHREND, Carl	A42B 3/30	Trinel, Sylvie
MCLACHLAN, Oliver	A61B 5/01	Tribolet, Christelle
MORRISON, Catherine F.	A61B 5/11	Bassien-Capsa, Alain
(31) 201361792278 P	A61B 5/00	(72) SYLVAIN, Creton
201361914736 P	G08B 25/01	(31) 1402457
201414208782	(11) EP3123454	(32) 28.10.2014
(32) 15.03.2013	(21) EP14886951.4	(33) France
11.12.2013	(47) 01.05.2019	(51) A43B 5/04
13.03.2014	(87) US2014054210	A43C 15/06
(33) United States of America	01.10.2015	A43B 5/18
United States of America	(22) 05.09.2014	A63C 13/00
United States of America	(54) HELMET AND METHOD OF USE FOR	(11) EP2672855
(51) A41C 3/02	EMERGENCY NOTIFICATION	(21) EP11734963.9
A41C 3/12	(73) Choprix LLC	(47) 01.05.2019
A41C 5/00	(72) CHOLHAN, Hilary J.	(87) US2011000116
(11) EP3003078	CHOLHAN, Remy	28.07.2011
(21) EP14804585.9	(31) 201414227493	(22) 21.01.2011
(47) 01.05.2019	201414227499	(54) MOLDED SNOWSHOE WITH
(87) CN2014078004	PCT/US2014/031984	COMPOUND DECK
04.12.2014	(32) 27.03.2014	(73) K2 Sports, LLC
(22) 21.05.2014	27.03.2014	(72) SAMUELS, Rudy, Lucas
(54) METHOD OF MANUFACTURING	27.03.2014	BARCHET, Chris
A GARMENT INCORPORATING A	(33) United States of America	GRANDE, Dodd
GARMENT PART	United States of America	LIN, Rachel
(73) Clover Mystique Co. Limited	World Intellectual Property Office (WIPO)	WILLIAMS, Mark, S.
(72) YIP, Kwan Yin	(51) A42B 3/12	YOUMANS, Scott
(31) 201313907299	(11) EP3193649	(31) 657610
(32) 31.05.2013	(21) EP15841871.5	(32) 21.01.2010
	(47) 01.05.2019	(33) United States of America

- (51) A43B 5/06
A43B 13/14
A43B 13/16
(11) EP1865803
(21) EP06739847.9
(47) 01.05.2019
(87) US2006011321
23.11.2006
(22) 28.03.2006
(54) ARTICLE OF FOOTWEAR WITH AN
ARTICULATED SOLE STRUCTURE
(73) NIKE Innovate C.V.
(72) MCDONALD, Steve
HATFIELD, Tobie, D.
(31) 98022
(32) 01.04.2005
(33) United States of America
-
- (51) A43B 7/08
A43B 7/12
(11) EP3307104
(21) EP16727702.9
(47) 01.05.2019
(87) EP2016062984
22.12.2016
(22) 08.06.2016
(54) WATERPROOF AND VAPOR-
PERMEABLE SOLE FOR SHOES
(73) Geox S.p.A.
(72) POLONI, Livio
POLEGATO MORETTI, Mario
(31) UB20151402
(32) 15.06.2015
(33) Italy
-
- (51) A43B 13/04
A43B 13/18
A43B 13/22
(11) EP2945506
(21) EP13807963.7
(47) 01.05.2019
(87) EP2013076005
24.07.2014
(22) 10.12.2013
(54) SOLE
(73) DeeLuxe Sportartikel Handels GmbH
(72) WAGNER, Harald
(31) 102013100432
(32) 16.01.2013
(33) Germany
-
- (51) A43B 13/04
A43B 13/18
A43B 21/20
A43B 21/26
(11) EP3270727
(21) EP16707487.1
(47) 01.05.2019
(87) EP2016054558
22.09.2016
(22) 03.03.2016
(54) SHOE HAVING A SPINAL DISK
MATERIAL DAMPING ELEMENT
(73) JACQ, GmbH
(72) YILDIRIM, Jacqueline
(31) 102015204927
(32) 19.03.2015
(33) Germany
-
- (51) A43B 13/22
A43B 13/26
A43C 15/02
(11) EP3216362
(21) EP17000623.3
(47) 01.05.2019
(22) 28.08.2012
(54) CUT STEP TRACTION ELEMENT
ARRANGEMENT FOR AN ARTICLE OF
FOOTWEAR
(73) NIKE Innovate C.V.
(72) Minami, Tetsuya T.
(31) 201113234169
(32) 16.09.2011
(33) United States of America
-
- (51) A43B 23/02
A43D 3/02
B29D 35/12
(11) EP3245889
(21) EP17171004.9
(47) 01.05.2019
(22) 15.05.2017
(54) METHOD OF MAKING PATTERNED
THREE-DIMENSIONALLY MOLDED
FOOTWEAR
(73) adidas AG
(72) SCHNEIDER, Andrew Jacob
MUSHO, Edward John
BLUME, Keith Alexander
KLEIMAN, Benjamin William
PADOVANI, Matteo Edmond
HENNEBERY, Ian James
ARNESE, Carl
(31) 201615156062
201615156104
201715588433
(32) 16.05.2016
16.05.2016
05.05.2017
(33) United States of America
United States of America
United States of America
-
- (51) A43C 11/14
(11) EP3329795
(21) EP17203444.9
(47) 01.05.2019
(22) 24.11.2017
(54) ENGAGING ELEMENT OF A LEVER-
TYPE FASTENING DEVICE OF A
SPORTS FOOTWEAR
(73) Head Technology GmbH
(72) MARCONATO, Luca
(31) 201600121675
(32) 30.11.2016
(33) Italy
-
- (51) A44B 17/00
(11) EP3266331
(21) EP17178563.7
(47) 01.05.2019
(22) 29.06.2017
(54) PRESSURE-OPERATED CLOSURE
DEVICE
(73) Metal P. di Paris G. & C. S.r.l.
(72) PARIS, Giuseppe
(31) 201600068993
(32) 04.07.2016
(33) Italy
-
- (51) A44B 19/34
(11) EP2554074
(21) EP10848883.4
(47) 01.05.2019
(87) JP2010055567
06.10.2011
(22) 29.03.2010
(54) FASTENER TAPE AND FASTENER
STRINGER
(73) YKK Corporation
(72) WAKATA, Syuji
NAKAMURA, Masahiro
YAMAMOTO, Yasushi
-
- (51) A44B 19/44
B21D 53/52
B21F 45/18
(11) EP3053475
(21) EP13895054.8
(47) 01.05.2019
(87) JP2013076987
09.04.2015
(22) 03.10.2013
(54) MANUFACTURING DEVICE AND
MANUFACTURING METHOD FOR
FASTENER STRINGER
(73) YKK Corporation
(72) MATSUDA, Yasuhiko
-
- (51) A45C 11/00
(11) EP2752127
(21) EP14150096.7
(47) 01.05.2019
(22) 03.01.2014
(54) Portable electronic device and cover device
thereof
(73) Samsung Electronics Co., Ltd
(72) Kim, Han
Sung, Won-Kyu
(31) 20130000755
(32) 03.01.2013
(33) Korea (Republic)
-
- (51) A45D 20/08
A45D 20/10
A45D 20/12
(11) EP3016540
(21) EP14732328.1
(47) 01.05.2019
(87) GB2014051828
08.01.2015
(22) 13.06.2014
(54) A HANDHELD APPLIANCE
(73) Dyson Technology Limited
(72) GAMMACK, Peter
FOLLOWS, Thomas
COURTNEY, Stephen
RYAN, Leigh
(31) 201312066
(32) 05.07.2013
(33) United Kingdom
-
- (51) A45D 33/00
A45D 33/20
(11) EP2471406
(21) EP10306532.2
(47) 01.05.2019
(22) 28.12.2010
(54) Casing for a cosmetic article
(73) Albéa Services
(72) Limongi, Michel
Lequeux, Vincent
Rondeau, Nicolas
-
- (51) A45D 33/18

- B65D 51/24
 (11) EP3187068
 (21) EP15844469.5
 (47) 01.05.2019
 (87) KR2015009772
 31.03.2016
 (22) 17.09.2015
 (54) DECORATIVE PLATE FORMED ON LID
 OF COMPACT CASE, AND METHOD
 FOR PRODUCING SAME
 (73) Pum-Tech Korea Co., Ltd
 (72) LEE, Dohoon
 (31) 20140128980
 20150109442
 (32) 26.09.2014
 03.08.2015
 (33) Korea (Republic)
 Korea (Republic)
-
- (51) A45D 40/00
 A61Q 13/00
 A61K 8/73
 A61K 8/02
 A61K 8/81
 A61K 8/87
 A61K 8/85
 A61Q 19/10
 A61K 8/897
 (11) EP3218068
 (21) EP15797520.2
 (47) 01.05.2019
 (87) US2015058914
 19.05.2016
 (22) 04.11.2015
 (54) PERSONAL CARE COMPOSITIONS AND
 HANGERS
 (73) The Procter & Gamble Company
 (72) MCCONAUGHY, Shawn, David
 PERKINS, Justin, Scott
 (31) 201462077631 P
 (32) 10.11.2014
 (33) United States of America
-
- (51) A45D 40/02
 (11) EP3122204
 (21) EP15713451.1
 (47) 01.05.2019
 (87) EP2015056683
 01.10.2015
 (22) 27.03.2015
 (54) CASE FOR A STICK OF MATERIAL,
 SUCH AS A STICK OF LIPSTICK,
 INCLUDING A FLEXIBLE LIP, AND
 COSMETIC PRODUCT INCLUDING
 SUCH A STICK OF MATERIAL
 CONTAINED IN SUCH A CASE
 (73) Axilone Plastique
 (72) DÉNÉCÉ, Jean-Paul
 (31) 1452700
 (32) 28.03.2014
 (33) France
-
- (51) A46B 9/02
 A46B 9/06
 (11) EP2584932
 (21) EP11733717.0
 (47) 01.05.2019
 (87) US2011001137
 02.02.2012
 (22) 24.06.2011
- (54) BRUSH WITH ALTERNATE ROWS OF
 ANGLED TUFTS
 (73) SWIMC LLC
 (72) LAMBERTSON, Jr., Michael, C.
 BUCKEL, Jr., Charles, T.
 DE RENZO, Jr., Dennis, P.
 (31) 358693 P
 (32) 25.06.2010
 (33) United States of America
-
- (51) A46B 9/04
 A46B 11/00
 A46B 15/00
 (11) EP2117375
 (21) EP08729932.7
 (47) 01.05.2019
 (87) US2008054038
 28.08.2008
 (22) 15.02.2008
 (54) TOOTHBRUSH
 (73) Colgate-Palmolive Company
 (72) VAZQUEZ, Joe
 HOHLBEIN, Douglas, J.
 BOYD, Thomas
 DILLON, Rensl
 BREDAEL, Gary, Gerard
 HIDALGO, Craig, Anthony
 SINTON, Alexander, James
 POWERS, Thomas, John
 (31) 677622
 (32) 22.02.2007
 (33) United States of America
-
- (51) A47B 13/02
 F16B 12/42
 F16B 1/00
 A47B 87/00
 (11) EP3151699
 (21) EP15803002.3
 (47) 01.05.2019
 (87) US2015033261
 10.12.2015
 (22) 29.05.2015
 (54) MECHANISM FOR GANGING TABLES
 (73) Haworth, Inc.
 (72) GRABOWSKI, Daniel
 GRESHAM, David
 COTTRELL, John C.
 (31) 201414297775
 (32) 06.06.2014
 (33) United States of America
-
- (51) A47B 88/956
 (11) EP2642888
 (21) EP11782153.8
 (47) 01.05.2019
 (87) EP2011070132
 31.05.2012
 (22) 15.11.2011
 (54) SUPPORT DEVICE FOR FIXING A
 FRONT PANEL
 (73) Paul Hettich GmbH & Co. KG
 (72) STUFFEL, Andreas
 HERZOG, Roman
 LIMBERG, Guido
 BOEKHOFF, Heiko
 (31) 102010060720
 (32) 22.11.2010
 (33) Germany
-
- (51) A47B 91/08
 A47B 21/06
- (11) EP3310210
 (21) EP16736919.8
 (47) 01.05.2019
 (87) IB2016053532
 22.12.2016
 (22) 15.06.2016
 (54) A SYSTEM COMPRISING AN ARTICLE
 OF FURNITURE AND A FLOOR-FITTING
 SYSTEM
 (73) Viabizzuno S.r.L.
 (72) NANNI, Mario
 (31) UB20151461
 (32) 17.06.2015
 (33) Italy
-
- (51) A47C 1/04
 A47C 1/11
 A47C 1/06
 A61H 35/00
 (11) EP3313237
 (21) EP16823043.1
 (47) 01.05.2019
 (87) IB2016056917
 26.05.2017
 (22) 17.11.2016
 (54) WORK STATION
 (73) Nilo S.r.l.
 (72) MALETTI, Guido
 (31) UB20155772
 (32) 20.11.2015
 (33) Italy
-
- (51) A47C 3/021
 A47C 7/54
 A47C 1/032
 A47C 5/12
 (11) EP3295829
 (21) EP17180500.5
 (47) 01.05.2019
 (22) 10.07.2017
 (54) CHAIR, ESPECIALLY CONFERENCE
 OR OFFICE CHAIR, METHOD OF
 PRODUCING SUCH A CHAIR
 (73) Sedus Stoll AG
 (72) Maier, Peter
 Buntru, Kurt
 Daur, Judith
 (31) 102016217503
 (32) 14.09.2016
 (33) Germany
-
- (51) A47C 3/026
 E05C 17/00
 (11) EP3311702
 (21) EP17184383.2
 (47) 01.05.2019
 (22) 02.08.2017
 (54) LOCKABLE PIVOT MECHANISM FOR
 SEATING FURNITURE AND METHOD
 FOR PRODUCING AN ADJUSTABLE
 PIVOT MECHANISM FOR A SEATING
 FURNITURE
 (73) Sedus Stoll AG
 (72) MAIER, Peter
 MAIER, Klaus
 BUNTRU, Kurt
 (31) 102016220774
 (32) 21.10.2016
 (33) Germany
-
- (51) A47C 5/12
 A47C 4/03

A47C 3/04	(31) 201610543401	(21) EP15830267.9
(11) EP3010375	(32) 09.07.2016	(47) 01.05.2019
(21) EP14718144.0	(33) China	(87) KR2015006891
(47) 01.05.2019	(51) A47F 5/08	11.02.2016
(87) GB2014051076	(11) EP2887841	(22) 03.07.2015
24.12.2014	(21) EP13830614.7	(54) JUICE EXTRACTION APPARATUS
(22) 07.04.2014	(47) 01.05.2019	INCLUDING SOLID NET, AND JUICER
(54) ARTICLE OF FURNITURE	(87) AU2013000932	INCLUDING SAME
(73) Certwood Ltd	27.02.2014	(73) Coway Co., Ltd.
(72) GLOVER, David	(22) 23.08.2013	(72) MOON, Sung Il
(31) 201311063	(54) SCANNING BAR HOOK	PARK, Man Uk
(32) 21.06.2013	(73) Pongrac, Ivan	KIM, Seong Wook
(33) United Kingdom	Pongrac, John	(31) 20140100381
(51) A47C 7/38	(72) Pongrac, Ivan	(32) 05.08.2014
(11) EP3197320	Pongrac, John	(33) Korea (Republic)
(21) EP15843565.1	(31) 2012903651	(51) A47J 31/00
(47) 01.05.2019	(32) 24.08.2012	(11) EP3081120
(87) US2015052156	(33) Australia	(21) EP14824565.7
31.03.2016	(51) A47G 21/14	(47) 01.05.2019
(22) 25.09.2015	(11) EP3302181	(87) PT2014000073
(54) CHAIR WITH HEADREST TILT	(21) EP16726569.3	11.06.2015
MECHANISM	(47) 01.05.2019	(22) 02.12.2014
(73) L & P Property Management Company	(87) EP2016062403	(54) BEVERAGE PREPARATION MACHINE
(72) DONOVAN, Robert Dean	08.12.2016	AND IMPROVED SYSTEM OF SUCH
(31) 201462055771 P	(22) 01.06.2016	MACHINES
201562114166 P	(54) RETAINING BLOCK FOR A CUTLERY-	(73) Novadelta-Comércio e Industria de Cafés,
201514854197	HOLDER SYSTEM FOR ONE OR MORE	Lda.
(32) 26.09.2014	ITEMS OF CUTLERY, AND CUTLERY-	(72) NABEIRO, Rui Miguel
10.02.2015	HOLDER SYSTEM HAVING AT LEAST	(31) 10732913
15.09.2015	TWO RETAINING BLOCKS	(32) 02.12.2013
(33) United States of America	(73) Friedrich UG (Haftungsbeschränkt)	(33) Portugal
United States of America	(72) MARCU, Klaus	(51) A47J 31/36
United States of America	(31) 102015108734	(11) EP3262994
(51) A47C 7/40	(32) 02.06.2015	(21) EP17177778.2
A47C 7/72	(33) Germany	(47) 01.05.2019
(11) EP3058849	(51) A47H 1/00	(22) 26.06.2017
(21) EP15201479.1	A47H 21/00	(54) DEVICE FOR PREPARING BEVERAGE
(47) 01.05.2019	(11) EP2575557	BY BREWING A POWDER CONTAINED
(22) 21.12.2015	(21) EP11790549.7	IN A CAPSULE
(54) SEATING	(47) 01.05.2019	(73) Technopool Sarl
(73) himolla Polstermöbel GmbH	(87) US2011039333	(72) FERRIER, Frédéric
(72) Aigner, Johann	08.12.2011	(31) 1656063
(31) 102015102493	(22) 06.06.2011	(32) 29.06.2016
(32) 20.02.2015	(54) COUPLER SYSTEM	(33) France
(33) Germany	(73) Grovist Innovations, LLC	(51) A47J 31/40
(51) A47D 7/00	(72) OVIST, Vince	A47J 31/44
(11) EP3328247	GROHS, William, T.	A23L 2/54
(21) EP16753271.2	(31) 351799 P	B01F 3/04
(47) 01.05.2019	(32) 04.06.2010	(11) EP2890277
(87) EP2016067953	(33) United States of America	(21) EP13833415.6
02.02.2017	(51) A47H 15/00	(47) 01.05.2019
(22) 27.07.2016	(11) EP3182865	(87) IL2013050699
(54) FOLDING COT	(21) EP14753247.7	06.03.2014
(73) Henry, Gilles	(47) 01.05.2019	(22) 18.08.2013
(72) Henry, Gilles	(87) EP2014067677	(54) SYSTEM, METHOD AND CAPSULES
(31) 1557185	25.02.2016	FOR PRODUCING SPARKLING DRINKS
(32) 28.07.2015	(22) 19.08.2014	(73) So Spark Ltd.
(33) France	(54) SUSPENSION UNIT FOR A CURTAIN	(72) SHALEV, Pinchas
(51) A47D 13/06	DEVICE AND CURTAIN DEVICE WITH	(31) 201261693820 P
(11) EP3266350	SUCH A SUSPENSION UNIT.	201213685050
(21) EP17174567.2	(73) SILENT GLISS INTERNATIONAL AG	(32) 28.08.2012
(47) 01.05.2019	(72) SCHÖPFER, Simon	26.11.2012
(22) 06.06.2017	FRAUCHIGER, Michel	(33) United States of America
(54) FOLDABLE ENCLOSURE APPARATUS	(51) A47J 19/02	United States of America
HAVING A LOCKING DEVICE FOR A	A47J 19/06	(51) A47J 31/44
BABY BED	A47J 43/07	A47J 31/40
(73) Sunnylove Baby Products Zhuhai Co., Ltd	(11) EP3178355	A47J 36/38
(72) YANG, Cheng-Fan		(11) EP2819558

(21) EP13707161.9	(54) CONNECTING DEVICE FOR COUPLING	(22) 28.01.2014
(47) 01.05.2019	AN ATTACHMENT TO A FOOD	(54) Shower partition
(87) EP2013054006	PROCESSOR	(73) TIF GmbH
06.09.2013	(73) BSH Hausgeräte GmbH	(72) Rabensteiner, Alois
(22) 28.02.2013	(72) Brecko, Ales	(31) 942013
(54) COVER FOR AN INGREDIENT INLET	Strojanssek, Aleksander	(32) 06.02.2013
WITH MOISTURE MANAGEMENT	Cater, Matej	(33) Austria
(73) Nestec S.A.	(31) 102016216101	(51) A47K 5/12
(72) MÖRI, Peter	(32) 26.08.2016	F04B 43/00
BESSON, François	(33) Germany	F04B 43/12
CAHEN, Antoine	(51) A47J 43/07	G01F 11/12
(31) 12157251	(11) EP3051990	(11) EP2441365
(32) 28.02.2012	(21) EP14761344.2	(21) EP10013559.9
(33) European Patent Office (EPO)	(47) 01.05.2019	(47) 01.05.2019
(51) A47J 37/12	(87) EP2014068907	(22) 12.10.2010
(11) EP3267863	02.04.2015	(54) Liquid feeding assembly
(21) EP16719484.4	(22) 05.09.2014	(73) CC Clinic Consult GmbH
(47) 01.05.2019	(54) TOOL FOR A COOKING DEVICE WITH	(72) Brachtendorf, Hans-Jürgen
(87) IB2016051331	A COVERING SHELL	Huang, Chia Yung
15.09.2016	(73) BSH Hausgeräte GmbH	(51) A47K 10/38
(22) 09.03.2016	(72) GOLAVSEK, Samo	(11) EP3335605
(54) CLOSING DEVICE FOR AN APPARATUS	UPLAZNIK, Marko	(21) EP17206687.0
FOR COOKING FOOD PRODUCTS	DECMAN, Igor	(47) 01.05.2019
(73) De' Longhi Appliances S.r.l. Con Unico	ZLAUS, Uros	(22) 12.12.2017
Socio	(31) 102013219835	(54) ROLL CARRIER FOR A PAPER SHEET
(72) DE' LONGHI, Giuseppe	(32) 30.09.2013	WITH CONTROLLED DISTRIBUTION
(31) UD20150029	(33) Germany	(73) Sempere Borja, Carlos
(32) 09.03.2015	(51) A47J 43/07	(72) Sempere Borja, Carlos
(33) Italy	B01F 15/00	(31) 201631464 U
(51) A47J 43/042	A47J 43/046	(32) 14.12.2016
(11) EP2878245	A47J 36/32	(33) Spain
(21) EP14003144.4	(11) EP2901903	(51) A47L 5/24
(47) 01.05.2019	(21) EP15152418.8	A47L 9/16
(22) 11.09.2014	(47) 01.05.2019	(11) EP2922454
(54) BLENDING AND DISPENSING	(22) 26.01.2015	(21) EP13792954.3
APPLIANCE	(54) METHOD FOR OPERATING A KITCHEN	(47) 01.05.2019
(73) Sunbeam Products, Inc.	APPLIANCE AND KITCHEN APPLIANCE	(87) GB2013052995
(72) Davis, Monte	(73) Vorwerk & Co. Interholding GmbH	30.05.2014
Picozza, Augusto A.	(72) Koetz, Hendrik	(22) 13.11.2013
Tang, Terry	(31) 102014101079	(54) VACUUM CLEANER
Palermo, Joseph	(32) 29.01.2014	(73) Dyson Technology Limited
(31) 201361876290 P	(33) Germany	(72) WILSON, Hugo
(32) 11.09.2013	(51) A47J 45/06	(31) 201220884
(33) United States of America	(11) EP3351152	(32) 20.11.2012
(51) A47J 43/046	(21) EP17162412.5	(33) United Kingdom
(11) EP3344101	(47) 01.05.2019	(51) A47L 5/36
(21) EP16753656.4	(22) 22.03.2017	A47L 7/06
(47) 01.05.2019	(54) A SET OF COOKWARE	(11) EP3270754
(87) EP2016069565	(73) Zhejiang Zhongxin Cookware Co., Ltd.	(21) EP16714591.1
09.03.2017	(72) Chengshao, Hu	(47) 01.05.2019
(22) 18.08.2016	(31) 201720057266 U	(87) US2016000026
(54) FOAMING DEVICE WITH CONTROLLED	(32) 18.01.2017	29.09.2016
OUTLET	(33) China	(22) 18.03.2016
(73) Nestec S.A.	(51) A47K 3/00	(54) AIR CUSHION VACUUM CLEANER
(72) PERRIN, Alexa	(11) EP3150093	(73) China Manufacturing and Brokerage, Inc.
PERENTES, Alexandre	(21) EP15187995.4	(72) ALTON, James R.
SCORRANO, Lucio	(47) 01.05.2019	(31) 201562177646 P
(31) 15183882	(22) 01.10.2015	(32) 20.03.2015
(32) 04.09.2015	(54) SEALING SHEET CORNER	(33) United States of America
(33) European Patent Office (EPO)	(73) Geberit International AG	(51) A47L 5/36
(51) A47J 43/06	(72) Schintler, Michael	A47L 9/00
A47J 43/07	Mächler, Daniel	A47L 9/12
(11) EP3287054	Stäubli, Tom	A47L 9/16
(21) EP17186260.0	(51) A47K 3/34	(11) EP2621324
(47) 01.05.2019	(11) EP2764809	(21) EP11752631.9
(22) 15.08.2017	(21) EP14000309.6	(47) 01.05.2019
	(47) 01.05.2019	(87) GB2011051653

05.04.2012	(32) 01.07.2015	(11) EP3305160
(22) 02.09.2011	(33) United Kingdom	(21) EP17193409.4
(54) CYLINDER-TYPE VACUUM CLEANER WITH SPHERICAL ROLLING ASSEMBLY	(51) A47L 9/24	(47) 01.05.2019
(73) Dyson Technology Limited	(11) EP3264963	(22) 27.09.2017
(72) DYSON, James	(21) EP15707998.9	(54) METERING DEVICE FOR A CLEANING DEVICE COMPRISING A STORAGE CONTAINER
GAMMACK, Peter	(47) 01.05.2019	(73) Miele & Cie. KG
(31) 201016449	(87) EP2015054749	(72) Hils, Fabian
(32) 30.09.2010	15.09.2016	Wegener, Dirk
(33) United Kingdom	(22) 06.03.2015	Kröger, Günter
(51) A47L 9/00	(54) TELESCOPIC PIPE DEVICE AND CLEANING APPLIANCE	(31) 102016118930
(11) EP2886030	(73) Alfred Kärcher SE & Co. KG	(32) 06.10.2016
(21) EP14198814.7	(72) SIEGEL, Stephan	(33) Germany
(47) 01.05.2019	HERMANN, Matthias	(51) A61B 1/00
(22) 18.12.2014	BAUMGART, Julia	(11) EP2732752
(54) Automatic cleaner	KLORMANN, Mathias	(21) EP12868476.8
(73) LG Electronics Inc.	(51) A47L 9/28	(47) 01.05.2019
(72) Kim, Jihwan	A47L 9/32	(87) JP2012072768
Ham, Seunglok	(11) EP3278698	22.08.2013
Woo, Jongjin	(21) EP17180229.1	(22) 06.09.2012
Kim, Hwang	(47) 01.05.2019	(54) MEDICAL SYSTEM
(31) 20130157703	(22) 07.07.2017	(73) Olympus Corporation
(32) 18.12.2013	(54) VACUUM CLEANER AND HANDLE FOR A CLEANER	(72) TSURUTA, Misa
(33) Korea (Republic)	(73) LG Electronics Inc.	TAKEKOSHI, Satoshi
(51) A47L 9/06	(72) HAM, Dukho	SUZUKI, Takeo
(11) EP2958479	HAN, Seonghoon	(31) 2012032903
(21) EP14705411.8	(31) 20160086958	(32) 17.02.2012
(47) 01.05.2019	(32) 08.07.2016	(33) Japan
(87) GB2014050458	(33) Korea (Republic)	(51) A61B 1/005
28.08.2014	(51) A47L 11/282	(11) EP3229656
(22) 17.02.2014	A47L 11/40	(21) EP15817096.9
(54) VACUUM CLEANER TOOL	(11) EP3122224	(47) 01.05.2019
(73) Dyson Technology Limited	(21) EP14711798.0	(87) EP2015078932
(72) COLE, Samuel	(47) 01.05.2019	16.06.2016
MCVEIGH, Brian	(87) EP2014055853	(22) 08.12.2015
GAMMACK, Peter	01.10.2015	(54) GUIDE FOR STEERING WIRES FOR A STEERING MECHANISM FOR A STEERABLE TOOL
DYSON, James	(22) 24.03.2014	(73) Steerable Instruments nv
(31) 201302907	(54) METHOD FOR CLEANING A FLOOR SURFACE AND FLOOR-CLEANING DEVICE	(72) DEWAELE, Frank
(32) 19.02.2013	(73) Alfred Kärcher SE & Co. KG	MABILDE, Cyriel
(33) United Kingdom	(72) WALZ, Jürgen	BLANCKAERT, Bart
(51) A47L 9/20	HOFNER, Christian	KALMAR, Alain
A47L 9/16	PFISTER, Barbara	MAENE, Lieven
(11) EP3175758	ECKART, Carsten	(31) 14196793
(21) EP15828051.1	(51) A47L 13/58	(32) 08.12.2014
(47) 01.05.2019	(11) EP3294104	(33) European Patent Office (EPO)
(87) KR2015002921	(21) EP16710974.3	(51) A61B 1/008
04.02.2016	(47) 01.05.2019	A61B 1/05
(22) 25.03.2015	(87) EP2016056011	A61B 34/37
(54) CLEANER	17.11.2016	A61B 34/35
(73) Samsung Electronics Co., Ltd.	(22) 18.03.2016	A61B 34/00
(72) CHO, Dong Jin	(54) TORSION WRINGER HAVING LITTLE TRAVEL	A61B 1/005
(31) 20140098116	(73) Carl Freudenberg KG	A61B 1/018
(32) 31.07.2014	(72) RUECKHEIM, Markus	A61B 17/00
(33) Korea (Republic)	MAST, Christian	A61B 34/30
(51) A47L 9/20	WEIS, Norbert	A61B 1/00
B01D 46/00	DINGERT, Uwe	(11) EP3087901
(11) EP3316754	WALLBAUM, Reiner	(21) EP16162402.8
(21) EP16732737.8	HOHENHAUS, Johannes	(47) 01.05.2019
(47) 01.05.2019	(31) 102015005948	(22) 20.12.2006
(87) GB2016051928	(32) 12.05.2015	(54) ARTICULATE AND SWAPABLE ENDOSCOPE FOR A SURGICAL ROBOT
05.01.2017	(33) Germany	(73) Intuitive Surgical Operations, Inc.
(22) 28.06.2016	(51) A47L 15/44	(72) HASSER, Christopher
(54) A SEPARATING APPARATUS	D06F 39/02	SWARUP, Nitish
(73) Dyson Technology Limited		COOPER, Thomas
(72) NICOLAOU, Richard		
SHELTON, Edward		
(31) 201511534		

<p>ANDERSON, Christopher S (31) 319011 (32) 27.12.2005 (33) United States of America</p> <hr/> <p>(51) A61B 1/12 A61B 1/00 (11) EP3245938 (21) EP17171452.0 (47) 01.05.2019 (22) 17.05.2017 (54) APPARATUS AND METHOD TO IDENTIFY ENDOSCOPE TYPE AND PROVIDE TAILORED REPROCESSING (73) Ethicon, Inc. (72) YANG, Sungwook WILLIAMS, Harold R. (31) 201615157650 (32) 18.05.2016 (33) United States of America</p> <hr/> <p>(51) A61B 1/267 (11) EP2692281 (21) EP12764293.2 (47) 01.05.2019 (87) ES2012000065 04.10.2012 (22) 20.03.2012 (54) ILLUMINATED OPTICAL LARYNGOSCOPE (73) Prodol Meditec, S.A. (72) ACHA GANDARIAS, Pedro (31) 201100354 (32) 28.03.2011 (33) Spain</p> <hr/> <p>(51) A61B 1/32 A61B 17/34 (11) EP3245941 (21) EP17179538.8 (47) 01.05.2019 (22) 27.03.2008 (54) LAPAROSCOPIC PORT ASSEMBLY (73) Covidien LP (72) PISKUN, Gregory BATTLES, Christopher RENDE, Frank ABRAMS, Michael SHIKHMAN, Oleg (31) 920935 P (32) 30.03.2007 (33) United States of America</p> <hr/> <p>(51) A61B 3/00 A61B 3/10 A61B 3/12 A61B 3/13 A61B 3/14 A61B 3/15 (11) EP3379994 (21) EP17848305.3 (47) 01.05.2019 (87) IN2017050380 15.03.2018 (22) 04.09.2017 (54) OPHTHALMOLOGIC IMAGING APPARATUS (73) Remidio Innovative Solutions Pvt. Ltd. (72) NAGARAJAN, Shanmuganathan SIVARAMAN, Anand (31) 201641030623 (32) 07.09.2016</p>	<p>(33) India</p> <hr/> <p>(51) A61B 3/10 G06T 5/00 G06T 5/50 G06T 7/32 G06T 7/33 G06T 7/00 (11) EP3154409 (21) EP15809094.4 (47) 01.05.2019 (87) SG2015050162 23.12.2015 (22) 16.06.2015 (54) REDUCING SPECKLE NOISE IN OPTICAL COHERENCE TOMOGRAPHY IMAGES (73) Kabushiki Kaisha Topcon Agency for Science, Technology and Research (72) CHENG, Jun LIU, Jiang DUAN, Lixin XU, Yanwu WONG, Wing Kee, Damon AKIBA, Masahiro (31) 10201403294R (32) 16.06.2014 (33) Singapore</p> <hr/> <p>(51) A61B 5/00 A61B 5/0205 A61B 5/0408 A61B 5/024 A61B 5/0452 A61B 5/053 A61B 5/0404 G16H 50/30 A61B 5/08 (11) EP2200499 (21) EP08830067.8 (47) 01.05.2019 (87) US2008076243 19.03.2009 (22) 12.09.2008 (54) MULTI-SENSOR PATIENT MONITOR TO DETECT IMPENDING CARDIAC DECOMPENSATION (73) Medtronic Monitoring, Inc. (72) LIBBUS, Imad BLY, Mark, J. JAMES, Kristofer, J. MAZAR, Scott, T. WANG, Jerry, S. (31) 972537 P 972512 P 55666 P (32) 14.09.2007 14.09.2007 23.05.2008 (33) United States of America United States of America United States of America</p> <hr/> <p>(51) A61B 5/00 A61B 5/0408 A61B 5/0404 (11) EP2664273 (21) EP13002610.7 (47) 01.05.2019 (22) 17.05.2013</p>	<p>(54) Electrocardiogram signal recording and storage device (73) livetec Ingenieurbüro GmbH (72) Schirmeier, Michael Reichenbach, Klaus (31) 102012009742 (32) 17.05.2012 (33) Germany</p> <hr/> <p>(51) A61B 5/00 A61B 5/103 A61B 5/22 (11) EP2777483 (21) EP13005116.2 (47) 01.05.2019 (22) 28.10.2013 (54) Motor function evaluation device and motor function evaluation method (73) Tanita Corporation (72) Sakai, Yoshio Takehara, Tomoko Okura, Tomohiro Tsuji, Taishi (31) 2013051148 (32) 14.03.2013 (33) Japan</p> <hr/> <p>(51) A61B 5/00 A61B 17/34 A61M 5/00 A61M 5/32 A61B 5/15 A61B 5/151 A61B 5/155 A61B 5/157 A61M 5/20 A61B 5/1455 (11) EP3244795 (21) EP16707283.4 (47) 01.05.2019 (87) US2016015955 09.09.2016 (22) 01.02.2016 (54) AUTOMATED SEQUENTIAL INJECTION AND BLOOD DRAW (73) Verily Life Sciences LLC (72) KRASNOW, Benjamin, David PEETERS, Eric SMITH, Peter, Howard (31) 201514635580 (32) 02.03.2015 (33) United States of America</p> <hr/> <p>(51) A61B 5/02 A61B 5/145 G01N 33/49 A61B 5/00 G01N 15/14 (11) EP2849634 (21) EP13790688.9 (47) 01.05.2019 (87) US2013040976 21.11.2013 (22) 14.05.2013 (54) METHOD FOR MANAGING BLOOD LOSS OF A PATIENT (73) Gauss Surgical, Inc. (72) ZANDIFAR, Ali SATISH, Siddarth MILLER, Kevin, J. (31) 201261646822 P</p>
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201261722780 P	(51) A61B 5/06	(54) FLAT LANCET IMMOBILIZATION
201361776577 P	A61B 90/00	(73) F. Hoffmann-La Roche AG
(32) 14.05.2012	G06T 7/00	(72) CHAN, Frank, A.
05.11.2012	(11) EP2996557	WONG, Daniel
11.03.2013	(21) EP14730578.3	RANEY, Charles, C.
(33) United States of America	(47) 01.05.2019	WIEGEL, Christopher
United States of America	(87) IB2014000838	ROE, Steven, N.
United States of America	18.09.2014	(31) 208698
(51) A61B 5/04	(22) 11.03.2014	(32) 11.09.2008
A61N 1/05	(54) ANATOMICAL SITE RELOCALISATION	(33) United States of America
C12M 1/34	USING DUAL DATA	(51) A61B 5/145
C12M 1/12	SYNCHRONISATION	G01N 35/00
C12N 5/00	(73) Institut Hospitalo-Universitaire de Chirurgie	G01N 27/327
C12N 11/08	Mini -Invasive Guidee Par l'Image	A61B 5/1459
(11) EP3038521	Institut de Recherche sur les Cancers de	A61B 5/1495
(21) EP14852138.8	l'Appareil Digestif IRCAD	(11) EP2041562
(47) 01.05.2019	(72) NICOLAU, Stéphane	(21) EP07733404.3
(87) US2014060197	VEMURI, Anant, Suraj	(47) 01.05.2019
16.04.2015	SOLER, Luc	(87) GB2007002414
(22) 11.10.2014	MARESCAUX, Jacques	03.01.2008
(54) TISSUE SCAFFOLDS FOR	(31) 201361775930 P	(22) 28.06.2007
ELECTRICALLY EXCITABLE CELLS	(32) 11.03.2013	(54) SENSOR CALIBRATION
(73) Innovative Surface Technologies, Inc.	(33) United States of America	(73) LIGHTSHIP MEDICAL LIMITED
(72) GUIRE, Eric	(51) A61B 5/07	(72) CRANE, Barry
BAHR, Christopher	A61B 5/11	FRANCIS, Ian
(31) 201361890193 P	A63B 23/20	PERKINS, Robert
(32) 12.10.2013	(11) EP3212081	PATERSON, William
(33) United States of America	(21) EP15791019.1	(31) 0612834
(51) A61B 5/0478	(47) 01.05.2019	(32) 28.06.2006
A61B 5/04	(87) GB2015053230	(33) United Kingdom
G06F 3/01	06.05.2016	(51) A61B 5/1455
A61F 2/70	(22) 28.10.2015	(11) EP2768391
A61B 5/00	(54) METHOD AND APPARATUS FOR	(21) EP11773662.9
A61B 5/11	MONITORING THE PELVIC FLOOR	(47) 01.05.2019
A61B 5/0482	MUSCLES	(87) CH2011000247
A61F 2/72	(73) Chiaro Technology Limited	25.04.2013
(11) EP2486897	(72) LEVY, Ben	(22) 19.10.2011
(21) EP12156889.3	BERGMANN, Jeroen	(54) METHOD FOR NONINVASIVE OPTICAL
(47) 01.05.2019	BOSE, Raunaq	MEASUREMENTS OF PHYSIOLOGICAL
(22) 01.10.2002	CROTTY, Kay	PROPERTIES IN TISSUE
(54) Closed loop brain machine interface	(31) 201419178	(73) Biovotion AG
(73) Duke University	(32) 28.10.2014	(72) ZAKHAROV, Pavel
(72) Nicolelis, Miguel, A.L.	(33) United Kingdom	TALARY, Mark
Chapin, John, K.	(51) A61B 5/097	CADUFF, Andreas
Wessberg, Johan	A61B 5/08	(51) A61B 5/1455
(31) 12012	A62B 9/00	B60R 16/02
(32) 29.10.2001	B01D 53/22	A61B 5/024
(33) United States of America	(11) EP2326246	(11) EP2859846
(51) A61B 5/06	(21) EP09813309.3	(21) EP14187000.6
A61B 5/042	(47) 01.05.2019	(47) 01.05.2019
(11) EP3138484	(87) SE2009051012	(22) 30.09.2014
(21) EP16186937.5	18.03.2010	(54) SENSOR AND SHAPE RETAINER
(47) 01.05.2019	(22) 11.09.2009	(73) Nihon Kohden Corporation
(22) 02.09.2016	(54) GAS SAMPLING LINE FOR	(72) Watanabe, Nobuyoshi
(54) IDENTIFYING AND PRESENTING	RESPIRATORY GASES	(31) 2013212863
SUSPECTED MAP SHIFTS	(73) Masimo Corporation	(32) 10.10.2013
(73) Biosense Webster (Israel) Ltd.	(72) ZYZANSKI, Robert	(33) Japan
(72) LUDWIN, Doron Moshe	ECKERBOM, Anders	(51) A61B 6/00
PERI, Eitan	(31) 0801967	(11) EP1807005
TURGEMAN, Aharon	(32) 15.09.2008	(21) EP05812810.9
ROSENBERG, Avigdor	(33) Sweden	(47) 01.05.2019
SCHECHTER, Menachem	(51) A61B 5/145	(87) IB2005053494
(31) 201562214262 P	(11) EP2334235	04.05.2006
201615228588	(21) EP09778397.1	(22) 25.10.2005
(32) 04.09.2015	(47) 01.05.2019	(54) PORTABLE X-RAY DETECTOR UNIT
04.08.2016	(87) EP2009006508	(73) Koninklijke Philips N.V.
(33) United States of America	18.03.2010	(72) MAACK, Hanns-Ingo
United States of America	(22) 08.09.2009	LUMMA, Waldermar

(31) 04105393	(72) STEINHAUSER, Heidrun	(11) EP3332711
(32) 29.10.2004	MURDOCH, Michael John	(21) EP17000983.1
(33) European Patent Office (EPO)	PRINSEN, Peter	(47) 01.05.2019
(51) A61B 6/00	(31) 201161535506 P	(22) 09.06.2017
A61B 6/02	(32) 16.09.2011	(54) DENTAL IMAGE COLLECTION DEVICE
A61B 6/12	(33) United States of America	PROVIDING OPTICAL ALIGNMENT
(11) EP1781175	(51) A61B 6/03	FEATURES AND RELATED METHODS
(21) EP05774147.2	(11) EP2140426	(73) Harris Corporation
(47) 01.05.2019	(21) EP08789104.0	(72) Rahmes, Mark D.
(87) IB2005052608	(47) 01.05.2019	Waterloo, Marc
23.02.2006	(87) IB2008002163	Fagan, Mervin D.
(22) 04.08.2005	26.02.2009	Shacklette, Lawrence W.
(54) SYSTEM AND METHOD FOR FLEXIBLE	(22) 26.03.2008	(31) 201615371539
3DRA-CT FUSION	(54) CT-ENHANCED FLUOROSCOPY	(32) 07.12.2016
(73) Koninklijke Philips N.V.	(73) Covidien LP	(33) United States of America
(72) MIELEKAMP, Pieter, M.	(72) AVERBUCH, Dorian	(51) A61B 6/14
(31) 04103935	(31) 908126 P	A61C 19/04
(32) 17.08.2004	(32) 26.03.2007	(11) EP3120775
(33) European Patent Office (EPO)	(33) United States of America	(21) EP15764895.7
(51) A61B 6/00	(51) A61B 6/03	(47) 01.05.2019
G01T 1/24	(11) EP2371288	(87) KR2015002839
H01L 31/00	(21) EP11159253.1	24.09.2015
H01L 27/14	(47) 01.05.2019	(22) 23.03.2015
A61B 6/03	(22) 22.03.2011	(54) INTRA-ORAL SENSING SYSTEM
A61B 6/06	(54) Method and system for image data	(73) Rayence Co., Ltd.
G01T 1/17	acquisition	Vatech Ewoo Holdings Co., Ltd.
H01L 27/146	(73) GENERAL ELECTRIC COMPANY	(72) KIM, Keun Young
(11) EP3316781	(72) Tkaczyk, John Eric	KIM, Tae Woo
(21) EP16731167.9	Basu, Samit Kumar	CHOI, Sung Il
(47) 01.05.2019	De Man, Bruno Kristiaan Bernard	(31) 20140033227
(87) EP2016064497	Gordon, Jeffrey Seymour	(32) 21.03.2014
05.01.2017	Wu, Xiaoye	(33) Korea (Republic)
(22) 23.06.2016	Langan, David Allen	(51) A61B 7/04
(54) X-RAY DEVICE WITH REDUCED PILE-	(31) 750050	A61B 7/02
UP	(32) 30.03.2010	(11) EP3319522
(73) Koninklijke Philips N.V.	(33) United States of America	(21) EP16748144.9
(72) HERRMANN, Christoph	(51) A61B 6/03	(47) 01.05.2019
(31) 15174564	A61B 6/00	(87) IB2016054044
(32) 30.06.2015	(11) EP2977011	12.01.2017
(33) European Patent Office (EPO)	(21) EP15177877.6	(22) 06.07.2016
(51) A61B 6/00	(47) 01.05.2019	(54) A DEVICE FOR DIGITIZING THE SOUND
G06T 5/00	(22) 22.07.2015	OF A STETHOSCOPE AND SENDING IT
G06T 5/50	(54) ANATOMICAL IMAGING SYSTEM	TO AN ELECTRONIC INSTRUMENT
(11) EP3090408	HAVING FIXED GANTRY AND	(73) Arcon Srls
(21) EP14836988.7	ROTATING DISC, WITH ADJUSTABLE	(72) CARALLO, Claudio
(47) 01.05.2019	ANGLE OF TILT AND INCREASED	BONANNO, Marco
(87) US2014066033	STRUCTURAL INTEGRITY, AND WITH	PARDEO, Francesca
09.07.2015	IMPROVED POWER TRANSMISSION	(31) UB20151919
(22) 18.11.2014	AND POSITION SENSING	(32) 07.07.2015
(54) PHASE RETRIEVAL FROM	(73) Samsung Electronics Co., Ltd	(33) Italy
DIFFERENTIAL PHASE CONTRAST	(72) BAILEY, Eric	(51) A61B 8/00
IMAGING	TYBONKOWSKI, Andrew	A61B 8/08
(73) Carestream Health, Inc.	OH, Pil Yong	(11) EP2702948
(72) BATURIN, Pavlo	(31) 201462027433 P	(21) EP13181765.2
SIMON, Richard A.	201462027472 P	(47) 01.05.2019
(31) 201314143183	201462027444 P	(22) 27.08.2013
(32) 30.12.2013	201462027420 P	(54) Object information acquisition apparatus,
(33) United States of America	(32) 22.07.2014	display method
(51) A61B 6/02	22.07.2014	(73) Canon Kabushiki Kaisha
G06F 3/01	22.07.2014	(72) Nagae, Kenichi
(11) EP2750607	22.07.2014	(31) 2012187616
(21) EP12783299.6	(33) United States of America	(32) 28.08.2012
(47) 01.05.2019	United States of America	(33) Japan
(87) IB2012054759	United States of America	(51) A61B 8/06
21.03.2013	United States of America	A61B 8/13
(22) 13.09.2012	(51) A61B 6/08	A61B 8/00
(54) LIVE 3D X-RAY VIEWING	A61B 6/14	A61B 8/08
(73) Koninklijke Philips N.V.	A61B 6/00	(11) EP2614777

(21) EP12162593.3	(33) United States of America	A61B 17/04
(47) 01.05.2019	(51) A61B 17/062	(11) EP2194893
(22) 30.03.2012	A61B 90/00	(21) EP08830559.4
(54) Method and apparatus for providing multi spectral doppler images	A61B 17/04	(47) 01.05.2019
(73) Samsung Medison Co., Ltd.	(11) EP2744422	(87) US2008076196
(72) Lee, Sang-mok	(21) EP12823308.7	19.03.2009
Hyoun, Dong-gyu	(47) 01.05.2019	(22) 12.09.2008
(31) 20120004910	(87) IB2012054204	(54) IMPLANT SYSTEM
(32) 16.01.2012	21.02.2013	(73) ArthroCare Corporation
(33) Korea (Republic)	(22) 17.08.2012	(72) GONZALES, Donald
(51) A61B 10/00	(54) BI-DIRECTIONAL SUTURE PASSER AND KIT	PISARNWONGS, Roger
(11) EP3366223	(73) Anchor Orthopedics XT Inc.	WEISEL, Tom
(21) EP17157882.6	(72) HARRISON, Robert	WRANA, Jeff
(47) 01.05.2019	GODARA, Neil	(31) 972449 P
(22) 24.02.2017	ARNETT, Jeffery	47289 P
(54) LABORATORY CUP	YU, Laura Man Yee	(32) 14.09.2007
(73) Protzek Gesellschaft für Biomedizinische Technik GmbH	(31) 201161524765 P	23.04.2008
(72) Protzek, Christoph	201161524766 P	(33) United States of America
(51) A61B 10/02	201161561486 P	United States of America
(11) EP3045118	201261582464 P	(51) A61B 17/068
(21) EP15191407.4	201261586287 P	(11) EP2923650
(47) 01.05.2019	201261593843 P	(21) EP15161146.4
(22) 26.10.2015	201261597449 P	(47) 01.05.2019
(54) EXCHANGABLE CORE BIOPSY NEEDLE	(32) 18.08.2011	(22) 26.03.2015
(73) Covidien LP	18.08.2011	(54) STERILIZATION VERIFICATION CIRCUIT
(72) MCWEENEY, John O.	18.11.2011	(73) Ethicon LLC
CAMPBELL, Eugene	02.01.2012	(72) Leimbach, Richard L.
GUMUSTOP, Bora	13.01.2012	Adams, Shane R.
(31) 201514595392	01.02.2012	Overmyer, Mark D.
(32) 13.01.2015	10.02.2012	Swensgard, Brett E.
(33) United States of America	(33) United States of America	Lytle, IV, Thomas W.
(51) A61B 17/00	United States of America	Shelton, IV, Frederick E.
(11) EP2945548	United States of America	Houser, Kevin L.
(21) EP14704946.4	United States of America	(31) 201414226099
(47) 01.05.2019	United States of America	(32) 26.03.2014
(87) US2014011980	United States of America	(33) United States of America
24.07.2014	(51) A61B 17/064	(51) A61B 17/068
(22) 17.01.2014	(11) EP2829237	A61F 2/00
(54) SEALING DEVICE	(21) EP14178107.0	(11) EP2846730
(73) W. L. Gore & Associates, Inc.	(47) 01.05.2019	(21) EP13732281.4
(72) GOBLE, Jacob, A.	(22) 23.07.2014	(47) 01.05.2019
LURIE, Brandon, A.	(54) Expanding absorbable tack	(87) US2013040696
MASTERS, Steven, J.	(73) Covidien LP	14.11.2013
MATHENA, Scot, K.	(72) Russo, Mark	(22) 13.05.2013
MCCLURE, Richard, L.	(31) 201361857709 P	(54) APPLICATOR INSTRUMENTS WITH IMAGING SYSTEMS FOR DISPENSING SURGICAL FASTENERS DURING OPEN REPAIR PROCEDURES
(31) 201361754504 P	201414286142	(73) Ethicon LLC
201313838166	(32) 24.07.2013	(72) CARDINALE, Michael
(32) 18.01.2013	23.05.2014	SOULS, Doug
15.03.2013	(33) United States of America	COHN, Simon
(33) United States of America	United States of America	GABEL, Jonathan B.
(51) A61B 17/00	(51) A61B 17/064	DANIEL, Matthew
A61F 2/01	(11) EP2870923	FERREIRA, Danial Paul
A61B 17/12	(21) EP14192144.5	SKULA, Emil Richard
(11) EP1862122	(47) 01.05.2019	TANNHAUSER, Robert J.
(21) EP07015958.7	(22) 06.11.2014	WORTHINGTON, Anthony
(47) 01.05.2019	(54) Surgical fastener	(31) 201213470022
(22) 01.09.1998	(73) C.R. BARD, INC.	201213720198
(54) Percutaneous catheter directed occlusion devices	(72) Grider, Keith A.	(32) 11.05.2012
(73) Aga Medical Corporation	Leatzow, Derek	19.12.2012
(72) Amplatz, Kurt	Ranucci, Kevin J.	(33) United States of America
Kotula, Frank	Gupta, Suarav V.	United States of America
(31) 925935	(31) 201314075354	(51) A61B 17/072
(32) 08.09.1997	(32) 08.11.2013	(11) EP2839791
	(33) United States of America	(21) EP14181941.7
	(51) A61B 17/064	
	A61B 17/068	

(47) 01.05.2019	(51) A61B 17/072	12.09.2014
(22) 22.08.2014	A61B 17/28	(22) 07.03.2014
(54) Conductor arrangements for electrically powered surgical instruments with rotatable end effectors	A61B 17/29	(54) MICRO-FABRICATED EMBOLIC DEVICES
(73) Ethicon LLC	A61B 17/00	(73) Scientia Vascular, LLC
(72) Yates, David C.	(11) EP2092897	(72) LIPPERT, John
Hall, Steven G.	(21) EP09250392.9	(31) 201361775433 P
Schellin, Emily A.	(47) 01.05.2019	201414199675
Shelton, IV, Frederick E.	(22) 13.02.2009	(32) 08.03.2013
(31) 201313974174	(54) Surgical stapling apparatus with articulatable components	06.03.2014
(32) 23.08.2013	(73) Ethicon LLC	(33) United States of America
(33) United States of America	(72) Doll, Kevin R.	United States of America
(51) A61B 17/072	Smith, Bret W.	(51) A61B 17/12
(11) EP3009082	Kelly, William D.	A61L 31/00
(21) EP15189898.8	Kolata, Ronald J.	A61L 31/14
(47) 01.05.2019	Uth, Joshua R.	A61B 17/00
(22) 15.10.2015	Scheib, Charles J.	A61B 50/30
(54) STAPLE CARTRIDGE COMPRISING AN ADJUNCT MATERIAL	Shelton, IV, Frederick E.	A61B 90/00
(73) Ethicon Endo-Surgery, Inc.	(31) 31066	(11) EP2739215
(72) SHELTON, IV, Frederick E.	(32) 14.02.2008	(21) EP12746239.8
WEANER, Lauren S.	(33) United States of America	(47) 01.05.2019
MORGAN, Jerome R.	(51) A61B 17/10	(87) US2012049465
VENDELY, Michael J.	(11) EP2787898	14.02.2013
ARONHALT, Taylor W.	(21) EP12855977.0	(22) 03.08.2012
(31) 201414516277	(47) 01.05.2019	(54) POLYMER-BASED OCCLUSION DEVICES AND SYSTEMS
(32) 16.10.2014	(87) US2012068812	(73) W.L. Gore & Associates, Inc.
(33) United States of America	13.06.2013	(72) CHU, Chaokang
(51) A61B 17/072	(22) 10.12.2012	CLEEK, Robert, L.
(11) EP3225181	(54) FASTENERS, DEPLOYMENT SYSTEMS, AND METHODS FOR OPHTHALMIC TISSUE CLOSURE AND FIXATION OF OPHTHALMIC PROSTHESIS AND OTHER USES	CULLY, Edward, H.
(21) EP17164206.9	(73) O3 Optix LLC	DUNCAN, Jeffrey
(47) 01.05.2019	(72) VOLD, Steven, D.	PIETRZAK, Krzysztof, R.
(22) 31.03.2017	PEARTREE, Kenneth, A.	SHAW, Edward Emil
(54) SURGICAL CUTTING AND STAPLING END EFFECTOR WITH ANVIL CONCENTRIC DRIVE MEMBER	BUCKLEY, Timothy	VONESH, Michael, J.
(73) Ethicon LLC	FEUSTEL, Aaron	ZACHARIAS, Eric, H.
(72) MORGAN, Jerome R.	(31) 201161568549 P	(31) 201161515753 P
SHELTON, IV, Frederick E.	201261709554 P	201213565707
HARRIS, Jason L.	(32) 08.12.2011	(32) 05.08.2011
(31) 201615089277	04.10.2012	02.08.2012
(32) 01.04.2016	(33) United States of America	(33) United States of America
(33) United States of America	United States of America	United States of America
(51) A61B 17/072	(51) A61B 17/11	(51) A61B 17/15
A61B 17/115	A61F 2/06	A61B 17/17
A61B 17/00	(11) EP3076879	(11) EP3313298
(11) EP2647341	(21) EP14812859.8	(21) EP16747810.6
(21) EP13175377.4	(47) 01.05.2019	(47) 01.05.2019
(47) 01.05.2019	(87) US2014068425	(87) FR2016051535
(22) 01.12.2010	11.06.2015	05.01.2017
(54) Adapters for use between surgical handle assembly and surgical end effector	(22) 03.12.2014	(22) 23.06.2016
(73) Covidien LP	(54) ANASTOMOTIC CONNECTOR	(54) SET OF DISPOSABLE INSTRUMENTS FOR A SURGICAL OPERATION ON A PATIENT, AND METHOD FOR THE PRODUCTION OF SAID SET
(72) Ross, Adam J.	(73) W. L. Gore & Associates, Inc.	(73) One Ortho
Beardsley, John W.	(72) CULLY, Edward, H.	(72) ALEPEE, Christophe
Datcuk, Peter	DUNCAN, Jeffrey, B.	GUITON, Thierry
Zemlok, Michael A.	GOEPFRICH, James, L.	(31) 1556027
Bryant, Teddy R.	(31) 201361912702 P	(32) 29.06.2015
(31) 265942 P	201414558247	(33) France
308045 P	(32) 06.12.2013	(51) A61B 17/15
946082	02.12.2014	A61B 17/56
(32) 02.12.2009	(33) United States of America	A61B 17/16
25.02.2010	United States of America	A61B 17/17
15.11.2010	(51) A61B 17/12	A61B 34/10
(33) United States of America	(11) EP2964305	A61B 5/00
United States of America	(21) EP14760849.1	(11) EP2710967
United States of America	(47) 01.05.2019	(21) EP13164551.7
United States of America	(87) US2014021742	(47) 01.05.2019

(22) 06.02.2007	(51) A61B 17/22	(22) 30.06.2016
(54) Patient specific joint arthroplasty system	A61B 17/221	(54) ULTRASONIC SURGICAL BLADE
(73) ConforMIS, Inc.	A61B 17/00	WITH IMPROVED CUTTING AND
(72) Lang, Philipp	(11) EP3316800	COAGULATION FEATURES
Fitz, Wolfgang	(21) EP16738620.0	(73) Ethicon LLC
Bojarski, Raymond, A.	(47) 01.05.2019	(72) CONLON, Sean P.
Steines, Daniel	(87) US2016040140	GEE, Jacob S.
Burdulis, Albert, G., Jr.	05.01.2017	STULEN, Foster B.
Vargas-Voracek, Rene	(22) 29.06.2016	DANNAHER, William D.
(31) 765592 P	(54) RETRIEVAL DEVICES	OLSON, William A.
785168 P	(73) Boston Scientific Scimed, Inc.	(31) 201514789744
788339 P	(72) CHU, Michael, S.H.	(32) 01.07.2015
(32) 06.02.2006	(31) 201562186718 P	(33) United States of America
23.03.2006	(32) 30.06.2015	<hr/>
31.03.2006	(33) United States of America	(51) A61B 17/34
(33) United States of America	(51) A61B 17/22	A61M 5/32
United States of America	A61B 17/3207	A61M 5/42
United States of America	A61F 5/442	A61B 5/00
United States of America	A61F 5/445	A61B 17/12
<hr/>	A61M 25/00	A61M 1/10
(51) A61B 17/20	B08B 9/043	A61M 1/12
A61K 9/00	B08B 9/045	A61B 34/30
A61K 9/06	A61B 1/015	(11) EP3324867
A61M 37/00	A61B 1/04	(21) EP16805427.8
A61B 17/00	A61B 1/12	(47) 01.05.2019
A61B 50/30	A61B 1/31	(87) EP2016079586
A61B 90/00	A61M 1/00	08.06.2017
(11) EP2547396	A61M 16/04	(22) 02.12.2016
(21) EP10848088.0	A61M 3/02	(54) A DEVICE FOR EMERGENCY
(47) 01.05.2019	(11) EP2523705	TREATMENT OF CARDIAC ARREST
(87) US2010000800	(21) EP11731727.1	(73) Neurescue ApS
22.09.2011	(47) 01.05.2019	(72) FROST, Habib
(22) 17.03.2010	(87) IB2011050120	(31) 15197607
(54) A BUILT-IN NON-VERBAL	14.07.2011	(32) 02.12.2015
INSTRUCTIONAL DEVICE	(22) 11.01.2011	(33) European Patent Office (EPO)
INTEGRATABLE TO APPLICATORS	(54) SYSTEMS FOR CLEANING BODY	<hr/>
(73) Nanomed Devices, Inc.	CAVITIES AND FOR ENDOSCOPIC	(51) A61B 17/34
(72) XU, Bai	STEERING	A61M 39/06
(51) A61B 17/22	(73) Motus Gi Medical Technologies Ltd.	A61B 17/04
(11) EP2313146	(72) SHTUL, Boris	(11) EP3027128
(21) EP09798272.2	MOROCHOVSKY, Alexey	(21) EP14832198.7
(47) 01.05.2019	BANZGER, Alexander	(47) 01.05.2019
(87) US2009004044	HASSIDOV, Noam	(87) US2014048892
21.01.2010	(31) 354226 P	05.02.2015
(22) 13.07.2009	293758 P	(22) 30.07.2014
(54) DEVICES FOR THE TREATMENT OF	(32) 13.06.2010	(54) SYSTEMS FOR PROVIDING SURGICAL
VASCULAR ANEURYSM	11.01.2010	ACCESS AND FACILITATING CLOSURE
(73) Vatrix Medical, Inc.	(33) United States of America	OF SURGICAL ACCESS OPENINGS
(72) OGLE, Matthew, F.	United States of America	(73) Covidien LP
ISENBURG, Jason, C.	<hr/>	(72) PRIOR, Scott J.
(31) 173726	(51) A61B 17/29	MALKOWSKI, Jaroslaw T.
(32) 15.07.2008	(11) EP3346931	HENDERSHOT, John D.
(33) United States of America	(21) EP16766025.7	HORTON, Kenneth W.
(51) A61B 17/22	(47) 01.05.2019	TOKARZ, Christopher Andrew
A61B 17/221	(87) FR2016000131	TEBBE, Gregory F.
(11) EP3266391	16.03.2017	BERRY, Danny R.
(21) EP17185818.6	(22) 22.08.2016	(31) 201361861732 P
(47) 01.05.2019	(54) LAPAROSCOPY FORCEPS	201462029825 P
(22) 20.02.2009	(73) AB Medica	201462029809 P
(54) APPARATUS FOR FLOW RESTORATION	(72) BLANC Alexandre	201462029788 P
(73) Covidien LP	(31) 1501851	201462029839 P
(72) SLEE, Earl Howard	(32) 08.09.2015	(32) 02.08.2013
WILDER, Thomas III	(33) France	28.07.2014
MCCARTHY, Thomas	<hr/>	28.07.2014
FRANCO, David	(51) A61B 17/32	28.07.2014
ASHBY, Mark Philip	(11) EP3316803	28.07.2014
SHRIVASTAVA, Sanjay	(21) EP16739352.9	(33) United States of America
(31) 30838 P	(47) 01.05.2019	United States of America
(32) 22.02.2008	(87) US2016040377	United States of America
(33) United States of America	05.01.2017	United States of America

United States of America	(33) United States of America	B05C 17/01
(51) A61B 17/42	(51) A61B 17/70	(11) EP3272301
A61B 17/34	(11) EP3273887	(21) EP17178449.9
A61M 25/01	(21) EP16720724.0	(47) 01.05.2019
(11) EP2861166	(47) 01.05.2019	(22) 28.06.2017
(21) EP13839679.1	(87) EP2016056167	(54) BONE CEMENT APPLICATOR WITH
(47) 01.05.2019	29.09.2016	THREE-WAY VALVE FOR PRESSURE
(87) US2013061180	(22) 21.03.2016	RELIEF
27.03.2014	(54) INSTRUMENT FOR CONNECTING A	(73) Heraeus Medical GmbH
(22) 23.09.2013	CORRECTION ROD TO A BONE SCREW	(72) Vogt, Sebastian Dr.
(54) GENERAL UTERINE MANIPULATOR	(73) Silony Medical International AG	Kluge, Thomas Dr.
AND SYSTEM	(72) HEUER, Frank	(31) 102016113468
(73) Singh, Jiwan Steven	(31) 102015205362	(32) 21.07.2016
Singh, Jai	(32) 24.03.2015	(33) Germany
(72) SINGH, Jai	(33) Germany	(51) A61B 18/12
SINGH, Jiwan, Steven	(51) A61B 17/80	A61B 1/00
(31) 201213625255	A61B 17/82	A61B 17/34
201213720086	(11) EP3184064	(11) EP3056159
(32) 24.09.2012	(21) EP15003672.1	(21) EP14860655.1
19.12.2012	(47) 01.05.2019	(47) 01.05.2019
(33) United States of America	(22) 23.12.2015	(87) JP2014084651
United States of America	(54) BONE PLATE WITH GUIDING	14.05.2015
(51) A61B 17/56	CHANNELS	(22) 26.12.2014
(11) EP3182912	(73) Stryker European Holdings I, LLC	(54) MEDICAL DEVICE
(21) EP15751078.5	(72) Westin, Nicole	(73) Olympus Corporation
(47) 01.05.2019	Heinsohn, Jan	(72) TSURUTA, Shoeci
(87) IB2015054920	Cremer, Axel	(31) 2013233253
25.02.2016	(51) A61B 17/82	(32) 11.11.2013
(22) 30.06.2015	(11) EP3320868	(33) Japan
(54) HANDLE TO APPLY A TORQUE AND	(21) EP16002390.9	(51) A61B 18/14
DELIVERY UNIT PROVIDED WITH	(47) 01.05.2019	(11) EP1887958
SUCH HANDLE	(22) 11.11.2016	(21) EP06772584.6
(73) Tecres S.P.A.	(54) IMPLANT FOR BONE FIXATION	(47) 01.05.2019
(72) FACCIOLI, Giovanni	(73) Stryker European Holdings I, LLC	(87) US2006022331
SOFFIATTI, Renzo	(72) Esser, Matthias	21.12.2006
(31) VR20140213	Gheorghe, Marton	(22) 08.06.2006
(32) 20.08.2014	Beutel, Eva	(54) CAUTERY CATHETER
(33) Italy	Knöpfle, Christian	(73) Cook Medical Technologies LLC
(51) A61B 17/62	Schmuck, Manfred	(72) KENNEDY, Kenneth, C.
(11) EP3092961	Greiner, Karl	(31) 689672 P
(21) EP16170790.6	(51) A61B 17/84	(32) 10.06.2005
(47) 01.05.2019	A61B 17/86	(33) United States of America
(22) 16.08.2013	A61B 17/04	(51) A61B 18/14
(54) BONE TRANSPORT EXTERNAL	A61B 17/00	A61B 5/0215
FIXATION FRAME	A61B 17/68	A61N 1/36
(73) Stryker European Holdings I, LLC	A61B 17/80	A61B 18/00
(72) SINGH, Manoj Kumar	A61B 17/88	(11) EP2914192
CROZET, Yves	(11) EP2187826	(21) EP13850508.6
(31) 201213592832	(21) EP07818232.6	(47) 01.05.2019
(32) 23.08.2012	(47) 01.05.2019	(87) IL2013050903
(33) United States of America	(87) EP2007008130	08.05.2014
(51) A61B 17/70	26.03.2009	(22) 03.11.2013
(11) EP2814410	(22) 18.09.2007	(54) CONTROLLED TISSUE ABLATION
(21) EP13749229.4	(54) ANGULARLY STABLE FIXATION OF	(73) Pythagoras Medical Ltd.
(47) 01.05.2019	AN IMPLANT	(72) GROSS, Yossi
(87) US2013026665	(73) Woodwelding AG	(31) 201261722293 P
22.08.2013	Stryker European Holdings I, LLC	201313771853
(22) 19.02.2013	(72) SONNTAG, Robert	201361811880 P
(54) HYBRID MULTIFUNCTIONAL	DORAWA, Klaus	201361841485 P
POSTERIOR INTERSPINOUS FUSION	ZANDER, Nils	201361862561 P
DEVICE	MAYER, Jörg	(32) 05.11.2012
(73) The University of Toledo	WEBER, Urs	20.02.2013
(72) AGARWAL, Anand, K.	MÜLLER, Andrea	15.04.2013
GOEL, Vijay, K.	(51) A61B 17/88	01.07.2013
AGARWAL, Aakash	B01F 13/04	06.08.2013
(31) 20126159988 P	B01F 15/00	(33) United States of America
(32) 17.02.2012	B05C 17/005	United States of America
		United States of America

United States of America	(33) United States of America	BZOSTEK, Andrew
United States of America	(51) A61B 18/20	NADEAU, Matthew J.
(51) A61B 18/14	A61B 18/00	KOENIG, Matthew W.
A61B 18/00	(11) EP3171806	(31) 400951
A61B 18/08	(21) EP15741219.8	(32) 10.03.2009
A61B 18/10	(47) 01.05.2019	(33) United States of America
A61B 18/12	(87) EP2015066982	(51) A61B 34/30
(11) EP3192466	28.01.2016	A61B 17/00
(21) EP17151053.0	(22) 24.07.2015	A61B 34/20
(47) 01.05.2019	(54) A DEVICE FOR CUTTING HAIR	A61B 34/35
(22) 11.01.2017	(73) Koninklijke Philips N.V.	A61B 34/37
(54) MEDICAL DEVICE	(72) MOESKOPS, Bastiaan Wilhelmus Maria	A61B 34/00
(73) Cook Medical Technologies LLC	JOHNSON, Mark Thomas	A61B 90/50
(72) ELGAARD, Per	COOMBS, James Howard	G05B 19/00
PAAMAND, Rune Tore	VERHAGEN, Rieko	G09B 23/28
(31) 201662279062 P	CIUHU, Calina	(11) EP3042625
(32) 15.01.2016	JUTTE, Petrus Theodorus	(21) EP16157473.6
(33) United States of America	(31) 14178615	(47) 01.05.2019
(51) A61B 18/14	(32) 25.07.2014	(22) 18.11.1999
A61M 25/01	(33) European Patent Office (EPO)	(54) COOPERATIVE MINIMALLY INVASIVE
A61B 17/00	(51) A61B 34/00	TELESURGICAL SYSTEM
(11) EP2666426	(11) EP2615994	(73) Intuitive Surgical Operations, Inc.
(21) EP13169246.9	(21) EP11781933.4	(72) MOLL, Frederick, H.
(47) 01.05.2019	(47) 01.05.2019	ROSA, David, J.
(22) 24.05.2013	(87) US2011058386	RAMANS, Andris, D.
(54) Catheter having a distal section with spring	07.06.2012	BLUMENKRANZ, Steven, J.
sections for biased deflection	(22) 28.10.2011	GUTHART, Gary, S.
(73) Biosense Webster (Israel) Ltd.	(54) ACTUATION CABLE HAVING	NIEMEYER, Gunter, D.
(72) Garcia, Ariel	MULTIPLE FRICTION	NOWLIN, William C.
Schultz, Jeffrey W.	CHARACTERISTICS	SALISBURY, Kenneth J., Jr.
(31) 201213481691	(73) Intuitive Surgical Operations, Inc.	TIERNEY, Michael, J.
(32) 25.05.2012	(72) ROGERS, Theodore W.	(31) 109359 P
(33) United States of America	(31) 946040	116842 P
(51) A61B 18/18	(32) 15.11.2010	116891 P
A61B 18/14	(33) United States of America	374643
A61B 18/00	(51) A61B 34/00	399457
(11) EP3205306	H01F 7/02	433120
(21) EP17158528.4	A61B 17/22	(32) 20.11.1998
(47) 01.05.2019	(11) EP2496302	22.01.1999
(22) 03.11.2011	(21) EP10827657.7	22.01.1999
(54) ABLATION ELECTRODE ASSEMBLIES	(47) 01.05.2019	16.08.1999
AND METHODS FOR USING SAME	(87) US2010055133	17.09.1999
(73) St. Jude Medical, Atrial Fibrillation Division,	05.05.2011	03.11.1999
Inc.	(22) 02.11.2010	(33) United States of America
(72) CHRISTIAN, Steven C.	(54) MAGNETOMOTIVE STATOR SYSTEM	United States of America
HEIMBECHER, Reed R.	FOR WIRELESS CONTROL OF	United States of America
(31) 201013979803	MAGNETIC ROTORS	United States of America
(32) 28.12.2010	(73) Pulse Therapeutics, Inc.	United States of America
(33) United States of America	(72) CREIGHTON, Francis, M.	United States of America
(51) A61B 18/18	RITTER, Rogers, C.	United States of America
A61M 25/10	(31) 280321 P	(51) A61B 34/30
A61B 17/12	(32) 02.11.2009	A61B 34/00
A61F 2/04	(33) United States of America	(11) EP3103410
(11) EP1773225	(51) A61B 34/20	(21) EP16173221.9
(21) EP05758569.7	(11) EP2405846	(47) 01.05.2019
(47) 01.05.2019	(21) EP10708479.0	(22) 07.06.2016
(87) US2005020943	(47) 01.05.2019	(54) DEVICE AND METHOD FOR ROBOT-
26.01.2006	(87) US2010026655	ASSISTED SURGERY
(22) 14.06.2005	16.09.2010	(73) avateramedical GmbH
(54) INTRA-BRONCHIAL LUNG VOLUME	(22) 09.03.2010	(72) Seeber, Marcel
REDUCTION SYSTEM	(54) SYSTEM FOR NAVIGATING A	(31) 102015109371
(73) PneumRx, Inc.	SURGICAL INSTRUMENT	(32) 12.06.2015
(72) MCGURK, Erin	(73) Medtronic Xomed, Inc.	(33) Germany
MATHIS, Mark, L.	(72) JACOBSEN, Brad	(51) A61B 34/30
THOMPSON, Dave, P.	MOWLAI-ASHTIANI, Ali	A61B 90/11
ARONSON, Nathan, A.	BURG, Bruce M.	(11) EP2934362
(31) 580565 P	SMETZER, Ross	(21) EP13828772.7
(32) 16.06.2004	HARTMANN, Steven L.	(47) 01.05.2019
		(87) DE2013000806

26.06.2014	WALKER, Michael D.	A61B 5/06
(22) 12.12.2013	(31) 201161538034 P	G01J 3/00
(54) ACTIVE POSITIONING ARRANGEMENT OF A SURGICAL INSTRUMENT AND ROBOTIC SURGICAL SYSTEM COMPRISING SAME	201161539865 P 201261597000 P	G01J 3/50 G01J 3/52 G06K 9/00 G06K 9/62 G06T 7/33 G06T 7/73 G06T 7/55 G06T 7/246
(73) avateramedical GmbH	(32) 22.09.2011 27.09.2011 09.02.2012	A61B 1/00
(72) VON GRÜNBERG, Hubertus	(33) United States of America United States of America United States of America	(11) EP3212114 (21) EP15786937.1 (47) 01.05.2019 (87) EP2015074895 06.05.2016 (22) 27.10.2015 (54) METHOD FOR MONITORING THE DENTITION
(31) 102012025101	(33) United States of America	(73) Dental Monitoring
(32) 20.12.2012	(51) A61B 90/00	(72) SALAH, Philippe AYACHE, William DEBRAUX, Laurent GHYSELINCK, Guillaume PELLISSARD, Thomas
(33) Germany	(51) A61B 34/30 A61B 90/50 A61B 17/34 A61B 17/00 A61B 17/16 A61B 17/29 A61B 18/14 A61B 90/00	(31) 1460310 1460315 1552274 (32) 27.10.2014 27.10.2014 19.03.2015 (33) France France France
(11) EP3225207	(11) EP2907455	(51) A61C 8/00 (11) EP2846728 (21) EP13787776.7 (47) 01.05.2019 (87) US2013039366 14.11.2013 (22) 03.05.2013 (54) DENTAL IMPLANT WITH CUSHION
(21) EP17163774.7	(21) EP15154722.1	(73) JTI Biomed Corp.
(47) 01.05.2019	(47) 01.05.2019	(72) Ju, Chien-Ping Lin, Jiin-Huey Chern Chen, Yen-Chun
(22) 30.03.2017	(22) 11.02.2015	(31) 201261643511 P (32) 07.05.2012 (33) United States of America
(54) SURGICAL ROBOT/INSTRUMENT SYSTEM	(54) Deliverable surgical instrument	(51) A61C 8/00 A61C 13/263 (11) EP2958515 (21) EP14754144.5 (47) 01.05.2019 (87) US2014016862 28.08.2014 (22) 18.02.2014 (54) ENDOSSEOUS DENTAL IMPLANT AND ABUTMENT FOR PREVENTION OF BONE LOSS
(73) Tuebingen Scientific Medical GmbH	(73) Ethicon Endo-Surgery, Inc.	(73) Babiner, Boris, D.S. (72) Babiner, Boris, D.S.
(72) Braun, Marcus	(72) Scheib, Charles J. Fox, William D.	(31) 201361767958 P (32) 22.02.2013 (33) United States of America
(31) 102016105907	(31) 201414178840	(51) A61C 9/00 A61C 9/00 G06T 7/00 A61C 11/00 A61B 1/32 A61C 19/06 A61C 19/10 A61B 5/00
(32) 31.03.2016	(32) 12.02.2014	
(33) Germany	(33) United States of America	
(51) A61B 90/00	(51) A61B 90/90 G06K 7/10 H01F 5/02	
(11) EP3056162	(11) EP3125804	
(21) EP16155271.6	(21) EP14888535.3	
(47) 01.05.2019	(47) 01.05.2019	
(22) 11.02.2016	(87) US2014070547 08.10.2015	
(54) DISPLAY SCREENS FOR MEDICAL DEVICES	(22) 16.12.2014	
(73) Covidien LP	(54) HAND-HELD SPHERICAL ANTENNA SYSTEM TO DETECT TRANSPONDER TAGGED OBJECTS, FOR EXAMPLE DURING SURGERY	
(72) INGMANSON, Michael CHOWANIEC, Matthew CHEN, Xingrui PLACHTYNA, Steven	(73) Covidien LP	
(31) 201514620888	(72) BLAIR, William A POIRIER, David A. CRUMP, Curtis	
(32) 12.02.2015	(31) 201461972826 P	
(33) United States of America	(32) 31.03.2014	
(51) A61B 90/00	(33) United States of America	
A61B 1/012	(51) A61C 5/64 A61C 5/68	
A61B 1/303	(11) EP3068333	
A61B 17/32	(21) EP14799091.5	
A61B 18/14	(47) 01.05.2019	
A61B 17/42	(87) US2014063698 21.05.2015	
A61B 18/00	(22) 03.11.2014	
A61B 18/12	(54) A CARTRIDGE, A PISTON AND A SYRINGE COMPRISING THE CARTRIDGE AND THE PISTON	
A61B 18/16	(73) 3M Innovative Properties Company	
A61M 1/00	(72) BOEHM, Andreas	
A61M 3/02	(31) 13192570	
(11) EP2758115	(32) 12.11.2013	
(21) EP12833430.7	(33) European Patent Office (EPO)	
(47) 01.05.2019	(51) A61C 7/00 A61C 9/00 G06T 7/00 A61C 11/00 A61B 1/32 A61C 19/06 A61C 19/10 A61B 5/00	
(87) US2012056936 28.03.2013		
(22) 24.09.2012		
(54) SURGICAL FLUID MANAGEMENT SYSTEMS AND METHODS		
(73) Boston Scientific Scimed, Inc.		
(72) KLEIN, Kyle TRUCKAI, Csaba GERMAIN, Aaron		

(47) 01.05.2019	(22) 25.03.2015	(47) 01.05.2019
(87) US2016037342	(54) INTERDENTAL CLEANING TOOL AND	(87) US2016031417
22.12.2016	METHOD FOR MANUFACTURING	24.11.2016
(22) 14.06.2016	THEREOF	(22) 09.05.2016
(54) A SYSTEM COMPRISING A STATIC	(73) Sunstar Suisse SA	(54) A PERSONAL ORAL-CARE DEVICE
MIXER AND A DISPENSING DEVICE	(72) KATO Keisuke	(73) The Procter & Gamble Company
FOR DENTAL MATERIALS	OSHIMA Yoshiyuki	(72) NEWMAN, Matthew, Lloyd
(73) 3M Innovative Properties Company	(31) 2014066723	ELLINGSON, Kimberly, Horn
(72) BOEHM, Andreas J.	(32) 27.03.2014	RAJAJIAH, Jayanth
(31) 15172461	(33) Japan	SAGEL, Paul, Albert
(32) 17.06.2015	(51) A61C 17/06	SCHMID, Franziska
(33) European Patent Office (EPO)	(11) EP3052044	(31) 201514713794
(51) A61C 13/01	(21) EP14851077.9	(32) 15.05.2015
A61C 13/10	(47) 01.05.2019	(33) United States of America
A61C 13/00	(87) US2014058904	(51) A61F 2/00
(11) EP3166532	09.04.2015	A61B 17/06
(21) EP15734657.8	(22) 02.10.2014	A61B 17/34
(47) 01.05.2019	(54) PATIENT CONTROLLED DENTAL	A61B 17/00
(87) EP2015065232	DEVICE	(11) EP2814432
14.01.2016	(73) NDental, LLC	(21) EP13749644.4
(22) 03.07.2015	(72) FULTON, Richard, Eustis, III.	(47) 01.05.2019
(54) METHOD FOR MANUFACTURING A	(31) 201361961106 P	(87) US2013025920
DENTAL PROSTHESIS	201461967319 P	22.08.2013
(73) Kulzer GmbH	201461997780 P	(22) 13.02.2013
(72) BÖHM, Uwe	(32) 02.10.2013	(54) RELEASABLY SECURABLE NEEDLE
RUPPERT, Klaus	13.03.2014	AND HANDLE SYSTEM
DEKERT, Stephan	09.06.2014	(73) Boston Scientific Scimed, Inc.
(31) 102014109563	(33) United States of America	Allen, John J.
(32) 09.07.2014	United States of America	(72) ALLEN, John, J.
(33) Germany	United States of America	(31) 201261598198 P
(51) A61C 13/01	(51) A61C 17/20	(32) 13.02.2012
A61K 6/00	(11) EP3190991	(33) United States of America
(11) EP3095413	(21) EP15834193.3	(51) A61F 2/00
(21) EP15746884.4	(47) 01.05.2019	A61B 18/14
(47) 01.05.2019	(87) US2015044399	(11) EP2227174
(87) JP2015053129	25.02.2016	(21) EP08867090.6
13.08.2015	(22) 09.08.2015	(47) 01.05.2019
(22) 04.02.2015	(54) HIGH INTENSITY ULTRASONIC	(87) US2008088294
(54) MATERIAL FOR DENTURE	TONGUE CLEANER	09.07.2009
BASE; DENTURE BASE AND	(73) Robert T. Bock Consultancy LLC	(22) 24.12.2008
MANUFACTURING METHOD	(72) BOCK, Robert T.	(54) FLUID-ASSISTED ELECTROSURGICAL
THEREOF; PLATE DENTURE AND	(31) 201462040034 P	DEVICE
MANUFACTURING METHOD THEREOF	201514821721	(73) Salient Surgical Technologies, Inc.
(73) Mitsui Chemicals, Inc.	(32) 21.08.2014	(72) GREELEY, Roger, D.
Nitto Jushi Kogyo Co., Ltd.	08.08.2015	MILLER, Steven, G.
(72) KOHGO, Osamu	(33) United States of America	PODANY, Vaclav, O.
KATO, Naoyuki	United States of America	CONLEY, Brian, M.
OKUMURA, Maho	(51) A61C 17/22	GREENLAW, Chad, M.
JALALUDIN, Ahmad	A46B 15/00	(31) 17403 P
KOJIMA, Kouya	(11) EP2934372	(32) 28.12.2007
HIGUCHI, Eizaburo	(21) EP13830103.1	(33) United States of America
TAKAHASHI, Yuji	(47) 01.05.2019	(51) A61F 2/00
(31) 2014020634	(87) IB2013061008	A61K 33/42
2014265370	26.06.2014	A61K 9/14
(32) 05.02.2014	(22) 17.12.2013	A61F 2/28
26.12.2014	(54) AN ADAPTIVE SYSTEM FOR	A61F 2/02
(33) Japan	MODIFYING USER BRUSHING ACTION	A61L 27/38
Japan	(73) Koninklijke Philips N.V.	A61L 27/34
(51) A61C 15/02	(72) SCHMALHURST, Lisa Bethany	(11) EP2442750
A61Q 11/00	MILLER, Kevin Arnold	(21) EP10789101.2
A46B 3/00	(31) 201261740830 P	(47) 01.05.2019
A61K 8/37	(32) 21.12.2012	(87) IL2010000410
A61K 8/73	(33) United States of America	23.12.2010
(11) EP3123977	(51) A61C 19/06	(22) 23.05.2010
(21) EP15770266.3	A61N 5/06	(54) SOLID FORMS FOR TISSUE REPAIR
(47) 01.05.2019	A61C 17/22	(73) Carthel (2009) Ltd
(87) JP2015059185	(11) EP3294204	(72) ALTSCHULER, Nir
01.10.2015	(21) EP16724211.4	VAGO, Razi

(31) 187081 P 252800 P	(21) EP13727872.7 (47) 01.05.2019	(21) EP16712566.5 (47) 01.05.2019
(32) 15.06.2009 19.10.2009	(87) EP2013061675 19.12.2013	(87) US2016018773 01.09.2016
(33) United States of America United States of America	(22) 06.06.2013 (54) INTERVERTEBRAL FUSION IMPLANT	(22) 19.02.2016 (54) SYSTEM AND METHOD FOR
(51) A61F 2/16	(73) Waldemar Link GmbH & Co. KG	ATTACHING A RADIOPAQUE MARKER
(11) EP3170474	(72) LINK, Helmut D.	BEAD TO AN ENDOPROSTHESIS
(21) EP16197820.0	DMUSCHEWSKY, Klaus	(73) Abbott Cardiovascular Systems Inc.
(47) 01.05.2019	(31) 12171967	(72) LUMAUIG, Rommel
(22) 26.08.2010	201261659622 P	(31) 201514629669
(54) INTRAOCULAR IMPLANT	(32) 14.06.2012	(32) 24.02.2015
(73) Stevens, Julian Douglas	14.06.2012	(33) United States of America
(72) Stevens, Julian Douglas	(33) European Patent Office (EPO)	
(51) A61F 2/16	United States of America	(51) A61F 2/82
A61F 9/007	(51) A61F 2/44	A61B 17/22
F04B 43/08	(11) EP2822511	(11) EP2964161
F04B 43/12	(21) EP13718919.7	(21) EP14760474.8
(11) EP3033046	(47) 01.05.2019	(47) 01.05.2019
(21) EP14860983.7	(87) PL2013000027	(87) US2014019607
(47) 01.05.2019	12.09.2013	12.09.2014
(87) US2014061397	(22) 05.03.2013	(22) 28.02.2014
14.05.2015	(54) DISTANCE INTERBODY DEVICE FOR	(54) SYSTEMS FOR PROVIDING OR
(22) 20.10.2014	INTRODUCING A BIOMATERIAL TO A	MAINTAINING FLUID FLOW THROUGH
(54) OPHTHALMIC LUBRICATION SYSTEM	VERTEBRAL BODY	BODY PASSAGES
AND ASSOCIATED APPARATUS	(73) LFC Spolka z o.o.	(73) LimFlow GmbH
(73) Novartis AG	Ciupik, Lechoslaw Franciszek	(72) DICKINSON, Robert, Julian
(72) BOURNE, John Morgan	(72) CIUPIK, Lechoslaw Franciszek	FERRARESI, Roberto
SUSSMAN, Glenn Robert	(31) 39831612	KUM, Steven
(31) 201361899973 P	(32) 06.03.2012	LENIHAN, Timothy
(32) 05.11.2013	(33) Poland	PACEY, Andrew, Robert
(33) United States of America		ROTHMAN, Martin, Terry
(51) A61F 2/26	(51) A61F 2/44	(31) 201313791185
(11) EP3292839	(11) EP3162323	201361901753 P
(21) EP17189841.4	(21) EP16180368.9	(32) 08.03.2013
(47) 01.05.2019	(47) 01.05.2019	08.11.2013
(22) 07.09.2017	(22) 04.02.2005	(33) United States of America
(54) PENILE PROSTHETIC PUMP WITH AN	(54) VERTEBRAL FACET JOINT	United States of America
INFLATION ASSEMBLY INCLUDING A	PROSTHESIS AND METHOD OF	
ROTARY VALVE	FIXATION	(51) A61F 2/91
(73) Coloplast A/S	(73) Spinal Elements, Inc.	A61F 2/915
(72) DANIEL, Geoffrey A.	(72) BLAIN, Jason	(11) EP2649969
(31) 201615260321	(31) 542351 P	(21) EP13174987.1
201770630	542350 P	(47) 01.05.2019
(32) 09.09.2016	865073	(22) 20.09.2007
21.08.2017	(32) 06.02.2004	(54) Intravascular stent
(33) United States of America	06.02.2004	(73) Abbott Cardiovascular Systems Inc.
Denmark	10.06.2004	(72) Kreidler, Marc S.
(51) A61F 2/40	(33) United States of America	Miller, Jessica P.
A61F 2/30	United States of America	(31) 544256
(11) EP3270830	United States of America	(32) 06.10.2006
(21) EP16719500.7	United States of America	(33) United States of America
(47) 01.05.2019	(51) A61F 2/46	
(87) IB2016051457	A61B 17/02	(51) A61F 2/966
22.09.2016	(11) EP3270832	(11) EP3017794
(22) 15.03.2016	(21) EP16719904.1	(21) EP15193071.6
(54) PROSTHESIS FOR JOINT SHOULDER	(47) 01.05.2019	(47) 01.05.2019
RECONSTRUCTION	(87) IB2016051534	(22) 04.11.2015
(73) Medacta International SA	22.09.2016	(54) DEPLOYMENT HANDLE FOR A
(72) ROSA, Andrea	(22) 18.03.2016	PROSTHESIS DELIVERY DEVICE
SICCARDI, Francesco	(54) A SURGICAL AID FOR JOINTS	(73) Cook Medical Technologies LLC
BERNARDONI, Massimiliano	(73) Mantovani, Matteo	(72) VAD, Siddharth
(31) MI20150414	Catani, Fabio	MACATANGAY, Edwin
(32) 19.03.2015	(72) Mantovani, Matteo	NEOH, Wen Hong
(33) Italy	Catani, Fabio	SKELTON, Eugene
(51) A61F 2/44	(31) MO20150063	WRIGHT, Anthony
(11) EP2861187	(32) 19.03.2015	(31) 201462074766 P
	(33) Italy	(32) 04.11.2014
	(51) A61F 2/82	(33) United States of America
	(11) EP3261588	(51) A61F 5/00
		A61F 2/04

(11) EP1703870	(22) 01.02.2011	MILLER, Denis
(21) EP04804168.5	(54) MEDICAL DEVICE	(31) 721366 P
(47) 01.05.2019	(73) Sabeti, Saied	535901
(87) EP2004014572	(72) Sabeti, Saied	(32) 28.09.2005
30.06.2005	(31) 2010900379	27.09.2006
(22) 20.12.2004	(32) 01.02.2010	(33) United States of America
(54) AN ANTI-REFLUX SYSTEM	(33) Australia	United States of America
(73) Leahy, Patrick	(51) A61F 5/445	(51) A61F 7/02
(72) Leahy, Patrick	A61J 1/00	A61F 7/12
(31) 20030954	(11) EP3302377	A61F 7/00
(32) 19.12.2003	(21) EP16727944.7	(11) EP2753273
(33) Ireland	(47) 01.05.2019	(21) EP12829249.7
(51) A61F 5/01	(87) DK2016050163	(47) 01.05.2019
(11) EP3090709	08.12.2016	(87) US2012053809
(21) EP16168365.1	(22) 03.06.2016	14.03.2013
(47) 01.05.2019	(54) AN ASSEMBLY COMPRISING AN	(22) 05.09.2012
(22) 04.05.2016	OSTOMY DEVICE AND A PACKAGE	(54) GASTRIC OR PERITONEAL DELIVERY
(54) ORTHOSIS FOR TREATMENT	FOR THE OSTOMY DEVICE	OF FROZEN MIST TO INDUCE
(73) Thuasne Deutschland GmbH	(73) Coloplast A/S	THERAPEUTIC HYPERTHERMIA
(72) Schöbel, Herbert	(72) ISRAELSON, Dorrit Diana	(73) Qool Therapeutics, Inc.
Schneider-Nieskens, Reinhold	(31) 201570350	(72) BELSON, Amir
(31) 202015003437 U	(32) 04.06.2015	(31) 201161531052 P
(32) 08.05.2015	(33) Denmark	(32) 05.09.2011
(33) Germany	(51) A61F 5/448	(33) United States of America
(51) A61F 5/44	A61F 5/449	(51) A61F 9/007
(11) EP2981233	(11) EP3315104	(11) EP2760398
(21) EP14711597.6	(21) EP17196787.0	(21) EP12769361.2
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) GB2014050823	(22) 17.10.2017	(87) EP2012068767
09.10.2014	(54) MEDICAL DEVICE FOR STOMA	04.04.2013
(22) 14.03.2014	(73) Vlamynck, Elodie	(22) 24.09.2012
(54) OSTOMY APPLIANCE	Gagnoux, Jérôme	(54) OPHTHALMO-SURGICAL CONTROL
(73) Salts Healthcare Limited	(72) Vlamynck, Elodie	DEVICE
(72) WILTSHIRE, Neil	Gagnoux, Jérôme	(73) Carl Zeiss Meditec AG
ARGENT, Peter	(31) 1660396	(72) EICHLER, Michael
(31) 201306189	(32) 26.10.2016	(31) 102011114584
(32) 05.04.2013	(33) France	(32) 30.09.2011
(33) United Kingdom	(51) A61F 6/06	(33) Germany
(51) A61F 5/442	A61F 6/04	(51) A61F 9/007
A61M 3/02	B29C 65/20	A61F 9/01
(11) EP3232997	B29K 101/12	A61N 5/067
(21) EP15816652.0	B29L 31/48	A61F 9/013
(47) 01.05.2019	(11) EP2991598	A61N 5/06
(87) DK2015050403	(21) EP14791527.6	A61F 9/008
23.06.2016	(47) 01.05.2019	A61N 7/00
(22) 17.12.2015	(87) IB2014058166	A61B 18/14
(54) A SYSTEM FOR ANAL AND/OR	06.11.2014	(11) EP2770960
STOMAL IRRIGATION AND A METHOD	(22) 10.01.2014	(21) EP13781709.4
FOR CONTROLLING SUCH A SYSTEM	(54) FEMALE CONDOM WITH ADHERING	(47) 01.05.2019
(73) Coloplast A/S	SHIELD AND METHOD OF	(87) US2013038298
(72) HVID, Niels	MANUFACTURE	31.10.2013
HICKMOTT, Richard Morgan	(73) Tang, John Ing Ching	(22) 25.04.2013
NIELSEN, Rasmus	(72) Tang, John Ing Ching	(54) APPLICATION OF ELECTROMAGNETIC
RAVASIO, Luigi	(31) PI2013001552	RADIATION TO THE HUMAN IRIS
WARD, David	(32) 30.04.2013	(73) Homer, Gregg
BAY, Henrik	(33) Malaysia	(72) Homer, Gregg
(31) 201470807	(51) A61F 6/08	(31) 201213456111
(32) 19.12.2014	A61F 2/00	(32) 25.04.2012
(33) Denmark	(11) EP1933786	(33) United States of America
(51) A61F 5/445	(21) EP06815573.8	(51) A61F 13/02
A61F 5/44	(47) 01.05.2019	A61F 13/00
A61F 5/441	(87) US2006037664	A61M 1/00
A61F 5/449	05.04.2007	(11) EP2214612
(11) EP2531153	(22) 28.09.2006	(21) EP08852616.5
(21) EP11736546.0	(54) APPARATUS FOR SUSPENDING A	(47) 01.05.2019
(47) 01.05.2019	UTERUS	(87) GB2008051089
(87) AU2011000094	(73) Boston Scientific Limited	28.05.2009
04.08.2011	(72) GOLDBERG, Roger, P.	(22) 20.11.2008

(54) WOUND DRESSING	(54) ARTICLE AND METHOD FOR	(54) APPARATUSES FOR THE DETECTION
(73) Smith & Nephew PLC	MAINTAINING MENSTRUAL FLUID	OF INCONTINENCE OR OTHER
(72) HARTWELL, Edward Yerbury	WITHIN THE VAGINA	MOISTURE
(31) 0722820	(73) JOHNSON & JOHNSON CONSUMER INC.	(73) Hill-Rom Services, Inc.
0817040	(72) MOSCHEROSCH, H. Michael	(72) HEIL, Thomas F.
(32) 21.11.2007	STURGEON, Jennifer L.	DIXON, Steven Alan
17.09.2008	HOU, Mari	GAZAGNES, Laetitia
(33) United Kingdom	(51) A61G 3/08	LANE II, Timothy A.
United Kingdom	(11) EP3261599	RIBBLE, David Lance
(51) A61F 13/15	(21) EP16711336.4	SRIVASTAVA, Varad
A61F 13/49	(47) 01.05.2019	HOOD, Michael S.
(11) EP3257488	(87) GB2016050680	HOWELL, Charles A.
(21) EP15882002.7	15.09.2016	LACHENBRUCH, Charles A.
(47) 01.05.2019	(22) 11.03.2016	(31) 201361778830 P
(87) JP2015054363	(54) WINCH ASSIST ASSEMBLY SYSTEM	201361820768 P
18.08.2016	(73) NSF Controls Ltd	201361899655 P
(22) 18.02.2015	(72) ROTHWELL, Mark Andrew	(32) 13.03.2013
(54) METHOD AND DEVICE FOR	(31) 201504131	08.05.2013
MANUFACTURING SHEET MEMBER	(32) 11.03.2015	04.11.2013
FOR ABSORPTIVE ARTICLES	(33) United Kingdom	(33) United States of America
(73) Unicharm Corporation	(51) A61G 5/08	United States of America
(72) AKANO, Yukihisa	(11) EP3156027	United States of America
MATSUO, Soya	(21) EP15857322.0	(51) A61G 7/057
(31) 2015025020	(47) 01.05.2019	A47C 27/08
(32) 12.02.2015	(87) CN2015082904	(11) EP2043583
(33) Japan	12.05.2016	(21) EP07840496.9
(51) A61F 13/51	(22) 30.06.2015	(47) 01.05.2019
D04H 1/4391	(54) FOLDING WHEELCHAIR	(87) US2007074249
D04H 1/544	(73) Changzhou Golden Motor Technology Co.,	31.01.2008
D04H 3/018	Ltd	(22) 24.07.2007
D04H 3/14	(72) HE, Zhang	(54) PATIENT SUPPORT WITH WELDED
(11) EP3291784	YAO, Guohua	MATERIALS
(21) EP16724858.2	ZHANG, Limin	(73) Huntleigh Technology Limited
(47) 01.05.2019	RAO, Bo	(72) BARTLETT, Alan L.
(87) EP2016060012	(31) 201420655124 U	LINA, Cesar Z.
10.11.2016	(32) 05.11.2014	VRZALIK, John H.
(22) 04.05.2016	(33) China	(31) 833460 P
(54) NON-WOVEN FABRIC	(51) A61G 7/018	780119
(73) Fitesa Germany GmbH	A61G 7/05	(32) 26.07.2006
(72) SIEBNER, Harald	A61G 7/053	19.07.2007
HARTL, Helmut	A61G 7/08	(33) United States of America
NOVARINO, Elena	A61G 12/00	United States of America
(31) 15166615	(11) EP3207910	(51) A61G 17/08
(32) 06.05.2015	(21) EP17164523.7	(11) EP2923682
(33) European Patent Office (EPO)	(47) 01.05.2019	(21) EP15160645.6
(51) A61F 13/84	(22) 10.03.2015	(47) 01.05.2019
A61L 15/46	(54) PATIENT BED CONTROL	(22) 24.03.2015
A61F 13/511	(73) Hill-Rom Services, Inc.	(54) Plantable urn
(11) EP3154496	(72) ZERHUSEN, Robert Mark	(73) Steiner, Martin
(21) EP14894586.8	HEIMBROCK, Richard Henry	(72) Steiner, Martin
(47) 01.05.2019	CHIACCHIRA, Mark S.	(31) 2072014
(87) SE2014050702	MANN, Nicholas A.	(32) 24.03.2014
17.12.2015	NEWKIRK, David C.	(33) Austria
(22) 10.06.2014	(31) 201461951236 P	(51) A61H 1/00
(54) ABSORBENT PRODUCT COMPRISING A	(32) 11.03.2014	A61M 21/02
MICROBE-INHIBITING COMPOSITION	(33) United States of America	(11) EP2648672
(73) Essity Hygiene and Health Aktiebolag	(51) A61G 7/05	(21) EP11776424.1
(72) ANDREASSEN, Petter	A61B 5/20	(47) 01.05.2019
ROMERO GÓMEZ, Vania Lizet	G06K 7/10	(87) EP2011068794
(51) A61F 15/00	A61B 5/00	14.06.2012
A61F 13/02	A61F 13/42	(22) 26.10.2011
(11) EP3174510	A61G 7/02	(54) DEVICE FOR MULTISENSORY
(21) EP14752706.3	(11) EP2973475	STIMULATION
(47) 01.05.2019	(21) EP14778216.3	(73) Habiche, Leila Benedicte
(87) US2014049045	(47) 01.05.2019	(72) Habiche, Leila Benedicte
04.02.2016	(87) US2014024214	(31) MI20100367 U
(22) 31.07.2014	09.10.2014	MI20111082
	(22) 12.03.2014	(32) 09.12.2010

16.06.2011	PRODUCTS AND PRODUCTION PLANT	LUCHTERHANDT, Thomas
(33) Italy	COMPRISING SUCH A PRODUCTION	(31) 11152685
Italy	LINE	(32) 31.01.2011
(51) A61H 19/00	(73) Rondol Industrie	(33) European Patent Office (EPO)
A61H 23/02	(72) DE MARGERIE, Victoire	(51) A61K 8/02
A61H 7/00	BRUGGEMAN, Donatien	A61Q 11/00
(11) EP2059210	MAYER, Hans	(11) EP3166572
(21) EP07841658.3	(31) 1555783	(21) EP14897204.5
(47) 01.05.2019	(32) 23.06.2015	(47) 01.05.2019
(87) US2007077293	(33) France	(87) CN2014081955
06.03.2008	(51) A61J 9/00	14.01.2016
(22) 30.08.2007	A61J 9/04	(22) 10.07.2014
(54) THERAPEUTIC DEVICES FOR	A61J 11/04	(54) ANTI-CALCULUS ORAL
THE TREATMENT OF VARIOUS	(11) EP2679214	COMPOSITIONS
CONDITIONS OF A FEMALE	(21) EP12749931.7	(73) The Procter & Gamble Company
INDIVIDUAL	(47) 01.05.2019	(72) YANG, Hongmei
(73) Ohmea Medical Technologies, LLC	(87) KR2012001464	STRAND, Ross
(72) MERTENS, Jane U.	30.08.2012	SU, Yang
BAUER, Dean	(22) 27.02.2012	(51) A61K 8/04
(31) 824032 P	(54) SILICONE BABY BOTTLE	A61Q 19/00
(32) 30.08.2006	(73) Lee, Yong Kwon	C08B 37/08
(33) United States of America	(72) Lee, Yong Kwon	A61K 31/728
(51) A61J 1/05	(31) 20110017301	C08L 5/08
G06K 19/04	20110093192	A61K 8/73
(11) EP3243497	(32) 25.02.2011	(11) EP2912074
(21) EP17382242.0	16.09.2011	(21) EP13820892.1
(47) 01.05.2019	(33) Korea (Republic)	(47) 01.05.2019
(22) 03.05.2017	Korea (Republic)	(87) IB2013059607
(54) RFID TAG FOR ITS ARRANGEMENT	(51) A61K 6/00	01.05.2014
ON A BLOOD-DERIVATED PRODUCTS	A61K 8/24	(22) 24.10.2013
BOTTLE AND USE OF THE SAME	A61Q 11/00	(54) DERMAL INJECTABLE STERILE
(73) Grifols, S.A.	A61K 6/06	COMPOSITION
(72) ROURA FERNANDEZ, Carlos	A61K 8/19	(73) Teoxane
GRIFOLS ROURA, Victor	A61K 6/033	(72) BOURDON, François
BOIRA BONHORA, Jordi	(11) EP2626058	MEUNIER, Stéphane
(31) 201630629	(21) EP11830599.4	(31) 1260146
(32) 13.05.2016	(47) 01.05.2019	(32) 24.10.2012
(33) Spain	(87) JP2011072684	(33) France
(51) A61J 1/14	12.04.2012	(51) A61K 8/25
A61J 1/20	(22) 30.09.2011	A61K 8/31
(11) EP2948122	(54) DENTINAL TUBULE SEALANT AND	A61K 8/34
(21) EP14701546.5	METHOD FOR PRODUCING THE SAME	A61Q 19/00
(47) 01.05.2019	(73) KURARAY NORITAKE DENTAL INC.	A61K 8/81
(87) EP2014051569	(72) HASHIMOTO, Tadashi	A61K 8/85
31.07.2014	OSHITA, Mizuko	A61Q 19/10
(22) 28.01.2014	ISHIHARA, Shumei	A61K 8/92
(54) ADAPTOR FOR COUPLING WITH A	(31) 2010227058	(11) EP3038589
MEDICAL CONTAINER	(32) 06.10.2010	(21) EP14755089.1
(73) Becton Dickinson France	(33) Japan	(47) 01.05.2019
(72) CARREL, Franck	(51) A61K 6/083	(87) EP2014067975
PEROT, Frédéric	(11) EP2670375	05.03.2015
LAURENT, Philippe	(21) EP12701210.2	(22) 25.08.2014
(31) 13305095	(47) 01.05.2019	(54) EMULSIFIER-FREE, SKIN
(32) 28.01.2013	(87) US2012021059	CONDITIONING, COSMETIC OR
(33) European Patent Office (EPO)	09.08.2012	DERMATOLOGICAL PREPARATION
(51) A61J 3/06	(22) 12.01.2012	WHICH CONTAINS PEELING ACTIVE
A61J 3/08	(54) DENTAL COMPOSITION, METHOD OF	INGREDIENTS
B29C 47/00	PRODUCING AND USE THEREOF	(73) Beiersdorf AG
B29C 47/40	(73) 3M Innovative Properties Company	(72) ARGEMBEAUX, Horst
B30B 11/24	(72) ECKERT, Adrian S.	(31) 102013217242
(11) EP3313353	CUB, Michael	(32) 29.08.2013
(21) EP16733396.2	HAILAND, Bettina	(33) Germany
(47) 01.05.2019	KESTEL, Marion	(51) A61K 8/25
(87) EP2016064539	DEDE, Karsten	A61Q 19/10
29.12.2016	HOHEISEL, Uwe H.	A61K 8/92
(22) 23.06.2016	RAIA, Gioacchino	A61K 8/20
(54) PRODUCTION LINE FOR THE	THALACKER, Christoph	(11) EP3192490
PRODUCTION OF MEDICINAL	HECHT, Reinhold	(21) EP17151109.0

(47) 01.05.2019	(22) 12.02.2007	SHAH, Snehal M.
(22) 12.01.2017	(54) BIODEGRADABLE COMPOSITIONS	ZHUK, Aliaksandr
(54) BODY SCRUB COMPOSITIONS	COMPRIHING RENEWABLY-BASED,	(31) 201662352615 P
(73) Henkel IP & Holding GmbH	BIODEGRADABLE 1.3-PROPANEDIOL	201615278175
(72) KAYIRAN, Isil	(73) DuPont Tate & Lyle Bio Products Company, LLC	(32) 21.06.2016
ALVAREZ, Terannie Vazquez		28.09.2016
CONWAY, Mary J	(72) WEHNER, Ann	(33) United States of America
LUCIOW, Chris	FENYVESI, Gyorgyi	United States of America
(31) 201614994200	MUSKA, Carl, F.	(51) A61K 8/365
(32) 13.01.2016	DESALVO, Joseph, W.	A61K 8/368
(33) United States of America	JOERGER, Melissa	A61K 8/55
(51) A61K 8/31	MILLER, Robert	A61Q 5/06
A61Q 5/08	PALEFSKY, Irwin, A.	A61K 8/73
A61K 8/891	POLADI, Raja, Hari	(11) EP3043768
A61K 8/23	CHENAULT, H. Keith	(21) EP13753523.3
(11) EP2649982	(31) 772194 P	(47) 01.05.2019
(21) EP13159161.2	772193 P	(87) BR2013000305
(47) 01.05.2019	772120 P	19.02.2015
(22) 14.03.2013	772471 P	(22) 13.08.2013
(54) Hair bleaching composition and method for producing same	772111 P	(54) HAIR TREATING METHOD
(73) Artec Chemical Company Limited	772110 P	(73) L'OREAL
(72) Hung, Kar Yan	772112 P	(72) BIATO, Camila
Ho, Ka Yee	846948 P	(51) A61K 8/37
(31) 201213425374	853920 P	A61Q 5/06
(32) 20.03.2012	859264 P	A61Q 5/10
(33) United States of America	872705 P	A61K 8/06
(51) A61K 8/34	880824 P	A61K 8/22
A61K 8/37	(32) 10.02.2006	A61K 8/34
A61K 8/81	10.02.2006	(11) EP3233035
A61Q 19/02	10.02.2006	(21) EP15786975.1
A61Q 19/08	10.02.2006	(47) 01.05.2019
(11) EP2712607	10.02.2006	(87) EP2015075084
(21) EP13185624.7	10.02.2006	23.06.2016
(47) 01.05.2019	25.09.2006	(22) 29.10.2015
(22) 23.09.2013	24.10.2006	(54) THICKENING DEVELOPER FOR OXIDATION PRODUCTS
(54) Low oil cosmetic compositions comprising a 4-substituted resorcinol and a high carbon chain ester	15.11.2006	(73) Henkel AG & Co. KGaA
(73) Johnson & Johnson Consumer Inc.	04.12.2006	(72) WITTE, Christiane
(72) Dufort, Marisa DeVita	17.01.2007	SCHWARTZ, Stephan
Kaur, Simarna	(33) United States of America	(31) 102014226540
Southall, Michael D.	United States of America	(32) 19.12.2014
Wen, Ping	United States of America	(33) Germany
Wu, Jeffrey M.	United States of America	(51) A61K 8/40
(31) 201213624998	United States of America	A61Q 19/10
(32) 24.09.2012	United States of America	A61K 8/92
(33) United States of America	United States of America	(11) EP3270875
(51) A61K 8/34	United States of America	(21) EP16714674.5
A61Q 19/00	United States of America	(47) 01.05.2019
A61Q 1/02	United States of America	(87) US2016023183
A61Q 1/08	United States of America	29.09.2016
A61Q 1/10	(51) A61K 8/365	(22) 18.03.2016
A61Q 5/02	A61K 8/368	(54) NITRONE INHIBITION OF OXIDATION OF UNSATURATED FATS
A61Q 5/10	A61K 8/44	(73) Dow Global Technologies LLC
A61Q 5/12	A61K 8/46	Rohm and Haas Company
A61Q 9/02	A61K 8/73	(72) PHANER, Cassie
A61Q 11/00	A61K 8/81	JOSHI, Kinjalbaben
A61Q 15/00	A61Q 19/10	TAN, Yujing
A61Q 17/00	(11) EP3260111	(31) 201562136121 P
A61Q 17/04	(21) EP17177233.8	(32) 20.03.2015
A61Q 19/04	(47) 01.05.2019	(33) United States of America
A61Q 19/10	(22) 21.06.2017	(51) A61K 8/42
(11) EP1991688	(54) CLEAR SUSPENDING PERSONAL CARE CLEANSING COMPOSITIONS	A61K 31/164
(21) EP07750663.2	(73) JOHNSON & JOHNSON CONSUMER INC.	A61P 17/16
(47) 01.05.2019	(72) FEVOLA, Michael J.	A61Q 17/00
(87) US2007003841	FUETTERER, Tobias J.	A61Q 19/00
23.08.2007	MARTIN, Jeffrey D.	C07C 233/20
		A61K 9/00

(11) EP2974713	(21) EP15707129.1	(33) United States of America
(21) EP14764366.2	(47) 01.05.2019	(51) A61K 9/00
(47) 01.05.2019	(87) EP2015054145	A61K 47/10
(87) JP2014056320	01.10.2015	A61K 47/14
18.09.2014	(22) 27.02.2015	A61K 47/20
(22) 11.03.2014	(54) SILANE CONTAINING RESPECTIVELY	A61K 47/22
(54) CERAMIDE-LIKE FUNCTION	AT LEAST TWO ALKOXY GROUPS	A61K 9/08
IMPARTING AGENT	AND A GUANIDONO OR CARBAMIDE	A61K 31/137
(73) Kao Corporation	GROUP	A61K 31/167
(72) SUGAI, Yoshiya	(73) Evonik Degussa GmbH	A61K 31/352
AOSAKI, Taisuke	(72) TRAMBITAS, Alexandra	A61K 31/4045
(31) 2013049331	FIEDEL, Olga	A61K 31/4196
(32) 12.03.2013	HARTUNG, Christian	A61K 31/496
(33) Japan	(31) 102014205806	A61K 31/55
(51) A61K 8/43	(32) 28.03.2014	A61K 31/675
C07D 295/13	(33) Germany	A61K 31/7036
(11) EP2768514	(51) A61K 8/97	(11) EP2874599
(21) EP12841245.9	A61K 8/46	(21) EP13736714.0
(47) 01.05.2019	A61K 33/16	(47) 01.05.2019
(87) US2012061205	A61Q 11/00	(87) US2013048293
25.04.2013	(11) EP2895182	03.01.2014
(22) 19.10.2012	(21) EP13836880.8	(22) 27.06.2013
(54) LOCALIZED MODULATION OF	(47) 01.05.2019	(54) STABLE FORMULATIONS FOR
TISSUES AND CELLS TO ENHANCE	(87) US2013059135	PARENTERAL INJECTION COMPRISING
THERAPEUTIC EFFECTS INCLUDING	20.03.2014	BENZODIAZEPINES
RENAL DENERVATION	(22) 11.09.2013	(73) Xeris Pharmaceuticals, Inc.
(73) Mercator Medsystems, Inc.	(54) DENTAL CLEANING COMPOSITION	(72) PRESTRELSKI, Steven, J.
(72) SEWARD, Kirk, P.	(73) SLH Optimal Health LLC	SCOTT, Nancy
(31) 201161548822 P	(72) HIER, Lawrence, A.	(31) 201261665021 P
(32) 19.10.2011	VAZIRI, Ben	201313829937
(33) United States of America	(31) 201261699640 P	(32) 27.06.2012
(51) A61K 8/46	(32) 11.09.2012	14.03.2013
A61Q 11/00	(33) United States of America	(33) United States of America
(11) EP3215230	(51) A61K 9/00	United States of America
(21) EP15820782.9	A61K 9/14	(51) A61K 9/00
(47) 01.05.2019	(11) EP2881106	A61K 47/12
(87) US2015066323	(21) EP13777105.1	A61K 31/137
30.06.2016	(47) 01.05.2019	A61P 7/04
(22) 17.12.2015	(87) ES2013070565	(11) EP3010484
(54) ORAL CARE COMPOSITION	06.02.2014	(21) EP14735841.0
(73) Colgate-Palmolive Company	(22) 31.07.2013	(47) 01.05.2019
(72) CHEN, Dandan	(54) SOLID PHARMACEUTICAL	(87) DK2014050171
TRIVEDI, Harsh	COMPOSITION OF CATION EXCHANGE	24.12.2014
HILLIARD, Peter R., Jr.	RESIN	(22) 17.06.2014
MASTERS, James	(73) Laboratorios Rubio S.A.	(54) INJECTABLE PHARMACEUTICAL
(31) 201462096501 P	(72) FABREGAS VIDAL, Jose Luis	COMPOSITIONS COMPRISING
(32) 23.12.2014	GOMEZ TOMAS, Joaquin	ADRENALINE AND CITRIC ACID
(33) United States of America	RUIZ XIVILLE, Nuria	(73) Fremont Group Ltd
(51) A61K 8/55	(31) 201231270	(72) HANSEN, Philip
A61K 8/73	(32) 03.08.2012	JOHANSSON, Pär
A61Q 19/00	(33) Spain	KINDTLER, Jens
A61K 8/04	(51) A61K 9/00	(31) 201370322
A61K 8/06	A61K 9/16	(32) 17.06.2013
A61K 8/44	A61K 9/19	(33) Denmark
A61K 8/60	A61K 9/20	(51) A61K 9/10
A61K 8/37	(11) EP2884962	A61K 47/10
(11) EP3300718	(21) EP13829914.4	A61K 47/26
(21) EP16191263.9	(47) 01.05.2019	A61K 47/32
(47) 01.05.2019	(87) US2013055258	A61K 9/00
(22) 29.09.2016	20.02.2014	A61K 31/045
(54) LOW DENSITY, STABLE FOAM FOR	(22) 16.08.2013	(11) EP2858627
TOPICAL APPLICATION	(54) PREPARATION OF DESICCATED	(21) EP13739817.8
(73) Cargill, Incorporated	LIPOSOMES FOR USE IN	(47) 01.05.2019
(72) TRESSON, Barbara Karin Marie	COMPRESSIBLE DELIVERY SYSTEMS	(87) IN2013000360
(51) A61K 8/58	(73) Smartek International LLC	12.12.2013
A61Q 5/02	(72) FARBER, Michael	(22) 07.06.2013
A61Q 5/12	(31) 201261684631 P	
(11) EP3122328	(32) 17.08.2012	

<p>(54) SURFACTANT-COPOLYMER COMPLEXES USEFUL FOR SUSTAINED DRUG RELEASE (73) Council of Scientific & Industrial Research (72) GURUSWAMY, Kumaraswamy EDAKKAL, Venugopal (31) 1754DE2012 (32) 07.06.2012 (33) India <hr/>(51) A61K 9/127 A61L 24/00 A61K 47/10 A61K 47/34 (11) EP3019156 (21) EP14756099.9 (47) 01.05.2019 (87) GB2014052085 15.01.2015 (22) 09.07.2014 (54) LIPOSOMAL DRUG DELIVERY SYSTEM FOR BONE CEMENTS (73) University College Cardiff Consultants Limited (72) DENYER, Stephen EVANS, Samuel AYRE, Wayne (31) 201312344 (32) 10.07.2013 (33) United Kingdom <hr/>(51) A61K 9/14 A61K 9/16 A61K 9/20 (11) EP2903598 (21) EP13771206.3 (47) 01.05.2019 (87) GB2013052554 10.04.2014 (22) 01.10.2013 (54) LAYERED DOUBLE HYDROXIDES (73) Oxford PharmaScience Limited (72) THOMPSON, Claire BRAVO CORDERO, Marcelo Leonardo O'HARE, Dermot, Michael (31) 201217911 (32) 05.10.2012 (33) United Kingdom <hr/>(51) A61K 9/14 A61K 9/16 A61K 31/165 (11) EP2219610 (21) EP08853661.0 (47) 01.05.2019 (87) HU2008000136 04.06.2009 (22) 26.11.2008 (54) COMPOSITIONS CONTAINING CAPSAICINOIDS (73) Pannonpharma Gyógyszergyártó Kft. Szolcsányi, János Mózsik, Gyula Perjési, Pál Past, Tibor (72) SZOLCSÁNYI, János MÓZSIK, Gyula PERJÉSI, Pál PAST, Tibor (31) 0700755 (32) 26.11.2007</p>	<p>(33) Hungary <hr/>(51) A61K 9/14 A61K 31/53 A61K 38/15 A61K 47/32 (11) EP2793861 (21) EP12801761.3 (47) 01.05.2019 (87) EP2012075909 27.06.2013 (22) 18.12.2012 (54) PREPARATIONS CONTAINING AMORPHOUS EMODEPSIDE (73) Bayer Pharma Aktiengesellschaft (72) KANIKANTI, Venkata-Rangarao LANGE, Petra HAMANN, Hans-Jürgen KLEINEBUDE, Peter (31) 11194878 (32) 21.12.2011 (33) European Patent Office (EPO) <hr/>(51) A61K 9/14 A61P 35/00 (11) EP3060199 (21) EP14790261.3 (47) 01.05.2019 (87) GB2014053134 30.04.2015 (22) 21.10.2014 (54) SHIELDED BIOLOGIC THERAPEUTIC (73) Oxsonics Limited (72) MO, Steven CARLISLE, Robert, Crispin SEYMOUR, Leonard, W. COUSSIOS, Constantin-Cassios (31) 201318664 (32) 22.10.2013 (33) United Kingdom <hr/>(51) A61K 9/16 A61K 9/20 (11) EP2854761 (21) EP13726226.7 (47) 01.05.2019 (87) EP2013061332 05.12.2013 (22) 01.06.2013 (54) PALATABLE ORAL VETERINARY COMPOSITIONS (73) Ceva Santé Animale (72) GUIMBERTEAU, Florence PEYROT, Laurence (31) 1255122 (32) 01.06.2012 (33) France <hr/>(51) A61K 9/16 B82Y 30/00 C07F 7/18 C08K 9/06 B01D 53/02 C08J 5/00 (11) EP2811983 (21) EP13837684.3 (47) 01.05.2019 (87) US2013059995 20.03.2014 (22) 16.09.2013</p>	<p>(54) FUNCTIONALIZED PARTICULATE SUPPORT MATERIAL AND METHODS OF MAKING AND USING THE SAME (73) W.R. Grace & CO. - CONN. (72) GU, Feng (31) 201261702174 P (32) 17.09.2012 (33) United States of America <hr/>(51) A61K 9/19 A61K 9/51 A61K 31/58 (11) EP3256108 (21) EP16705303.2 (47) 01.05.2019 (87) IB2016050672 18.08.2016 (22) 09.02.2016 (54) COMPLEXES OF ABIRATERONE ACETATE, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM (73) Druggability Technologies IP Holdco Limited (72) ANGI, Réka JORDÁN, Tamás BASA-DÉNES, Orsolya SOLYMOSI, Tamás ÖTVÖS, Zsolt GLAVINAS, Hristos FILIPCSEI, Genovéva (31) P1500055 (32) 09.02.2015 (33) Hungary <hr/>(51) A61K 9/20 A61K 9/00 A61K 31/496 (11) EP2988727 (21) EP14722990.0 (47) 01.05.2019 (87) EP2014001040 30.10.2014 (22) 17.04.2014 (54) PHARMACEUTICAL COMPOSITION COMPRISING AN ATYPICAL ANTIPSYCHOTIC AGENT AND METHOD FOR THE PREPARATION THEREOF (73) Pharmathen S.A. (72) KARAVAS, Evangelos KOUTRIS, Eftimios SAMARA, Vasiliki KOUTRI, Ioanna KALASKANI, Anastasia GOTZAMANIS, George KAKOURIS, Andreas (31) 20130100249 (32) 22.04.2013 (33) Greece <hr/>(51) A61K 9/20 A61K 31/138 A61K 31/4422 (11) EP2344141 (21) EP09748467.9 (47) 01.05.2019 (87) HU2009000085 08.04.2010 (22) 30.09.2009</p>
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(54) COMPOSITIONS COMPRISING AMLODIPINE AND BISOPROLOL	(87) GB2008001627 20.11.2008	(33) Eurasian Patent Organization
(73) Egis Gyógyszergyár Zrt.	(22) 09.05.2008	(51) A61K 31/135
(72) WAGNER, László ZSIGMOND, Zsolt UJFALUSSY, György LEVENTISZNÉ HUSZÁR, Magdolna TONKA-NAGY, Péter BÁRCZAY, Erzsébet GÓRA, Lászlóné SZELECZKI, Edit FÜLÖP, Ágnes	(54) TRANSDERMAL AND TRANSMUCOSAL DRUG DELIVERY ENHANCERS	A61K 9/28 A61K 9/20 A61P 5/18
(31) 0800591	(73) Merial, Inc.	(11) EP3395338
(32) 30.09.2008	(72) CHAMBER, Ola THELIN, Brent	(21) EP18175495.3
(33) Hungary	(31) 0708960	(47) 01.05.2019
(51) A61K 9/50	(32) 09.05.2007	(22) 10.09.2004
A23L 33/105	(33) United Kingdom	(54) RAPID DISSOLUTION FORMULATION OF CINACALCET HCL
A23L 33/12	(51) A61K 31/05	(73) Amgen Inc.
A23L 33/15	A61K 31/185	(72) ÁLVAREZ, Francisco J. JU, Tzuchi R. LIN, Hung-Ren H. LAWRENCE, Glen Cary
A23L 33/155	A61K 31/352	(31) 502219 P
A23L 33/16	A61P 25/16	(32) 12.09.2003
A23K 40/30	A61P 25/28	(33) United States of America
A23K 20/174	A61P 25/00	(51) A61K 31/135
A23K 20/24	A61P 9/10	A61K 31/138
(11) EP2509588	(11) EP2726069	A61K 31/375
(21) EP10801645.2	(21) EP12731151.2	A61P 25/00
(47) 01.05.2019	(47) 01.05.2019	(11) EP3064201
(87) FR2010052656	(87) GB2012051540	(21) EP13896725.2
16.06.2011	10.01.2013	(47) 01.05.2019
(22) 09.12.2010	(22) 29.06.2012	(87) KR2013012427
(54) STABLE FAT-SOLUBLE ACTIVE PRINCIPLE PARTICLES	(54) CANNABINOIDS FOR USE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES OR DISORDERS	(22) 31.12.2013
(73) Adisseo France S.A.S.	(73) GW Pharma Limited	(54) PHARMACEUTICAL COMPOSITION FOR PREVENTING AND TREATING CENTRAL NERVOUS SYSTEM DISEASES CONTAINING FLUOXETINE AND VITAMIN C AS ACTIVE INGREDIENTS
(72) DOLLAT, Jean-Marie DAFFIS, Bernard	(72) IUVONE, Teresa DI MARZO, Vincenzo GUY, Geoffrey WRIGHT, Stephen STOTT, Colin	(73) University-Industry Cooperation Group of Kyung Hee University
(31) 0958779	(31) 201111261	(72) YUNE, Tae Young BAIK, Hyung-Hwan LEE, Jee Youn KIM, Sam
(32) 09.12.2009	(32) 01.07.2011	(31) 20130131730
(33) France	(33) United Kingdom	(32) 31.10.2013
(51) A61K 9/70	(51) A61K 31/10	(33) Korea (Republic)
A61K 31/13	A61K 31/498	(51) A61K 31/137
(11) EP2582364	A61K 31/505	A61K 47/10
(21) EP11726705.4	A61K 31/34	A61K 47/36
(47) 01.05.2019	A61K 31/185	A61K 9/08
(87) EP2011002953	A61K 31/435	A61P 31/10
22.12.2011	A61K 31/495	(11) EP2953621
(22) 15.06.2011	A61P 35/00	(21) EP14701713.1
(54) TRANSDERMAL ADMINISTRATION OF MEMANTINE	C07D 239/26	(47) 01.05.2019
(73) LTS LOHMANN Therapie-Systeme AG Grünenthal GmbH	A61K 31/4418	(87) EP2014051288
(72) HORSTMANN, Michael EIFLER, René KAUFMANN, Regine MOHR, Patrick GALIA, Eric PRANGE, Wolfgang BULLER, Stefan PUSECKER, Klaus STAMPFUSS, Jan STOELBEN, Susanne	C07D 213/42 C07D 239/42	14.08.2014
(31) 102010024105	(11) EP3146965	(22) 23.01.2014
(32) 17.06.2010	(21) EP14892456.6	(54) TOPICAL ANTIFUNGAL COMPOSITION FOR TREATING ONYCHOMYCOSIS
(33) Germany	(47) 01.05.2019	(73) Polichem S.A.
(51) A61K 9/70	(87) EA2014000013	(72) MAILLAND, Federico LEGORA, Michela CERIANI, Daniela IOB, Giuliana
C07D 265/30	26.11.2015	(31) 201361761953 P
(11) EP2167056	(22) 06.06.2014	201361781560 P
(21) EP08750563.2	(54) SELECTIVE INHIBITORS INTERFERING WITH FIBROBLAST GROWTH FACTOR RECEPTOR AND FRS2 INTERACTION FOR THE PREVENTION AND TREATMENT OF CANCER AND OTHER DISEASES	(32) 07.02.2013
(47) 01.05.2019	(73) Limited Liability Company "Russian Pharmaceutical Technologies"	14.03.2013
	(72) TJULANDIN, Sergey Alexeevich BYAKHOV, Mikhail Yur'evich TSIMAFYEYEU, Ilya Valer'evich	(33) United States of America United States of America
	(31) 201400495	
	(32) 22.05.2014	

<p>(51) A61K 31/195 A61K 38/02 A61K 48/00 C12N 5/10 C12N 5/071 A61P 27/16 C12N 15/63 A61K 38/16 A61K 38/17 C12N 5/0793 A61K 31/65 (11) EP2892523 (21) EP13834856.0 (47) 01.05.2019 (87) US2013058626 13.03.2014 (22) 06.09.2013 (54) METHODS AND COMPOSITIONS FOR REGENERATING HAIR CELLS AND/OR SUPPORTING CELLS (73) Massachusetts Eye & Ear Infirmary (72) CHEN, Zheng-Yi (31) 201261698246 P (32) 07.09.2012 (33) United States of America <hr/></p>	<p>(51) A61K 31/282 A61K 9/127 A61K 47/22 A61K 47/24 A61K 45/06 A61K 31/555 (11) EP2883542 (21) EP13827386.7 (47) 01.05.2019 (87) JP2013071720 13.02.2014 (22) 09.08.2013 (54) STABLE OXALIPLATIN- ENCAPSULATING LIPOSOME AQUEOUS DISPERSION AND METHOD FOR STABILIZING SAME (73) Taiho Pharmaceutical Co., Ltd. The University of Tokushima (72) DOI, Yusuke ISHIDA, Tatsuhiko (31) 2012178971 (32) 10.08.2012 (33) Japan <hr/></p>	<p>(51) A61K 31/497 C07D 213/69 (11) EP3107542 (21) EP15751652.7 (47) 01.05.2019 (87) US2015016243 27.08.2015 (22) 18.02.2015 (54) PROCESS FOR PREPARING N- BENZYL-3-HYDROXY-4-SUBSTITUTED- PYRIDIN-2-(1H)-ONES (73) Aerpio Therapeutics, Inc. (72) ALBERICO, Dino DIXON, Craig GORIN, Boris OUDENES, Jan (31) 201461941540 P (32) 19.02.2014 (33) United States of America <hr/></p>
<p>(51) A61K 31/277 A61K 31/198 A61K 31/195 A61K 9/20 A61P 25/16 (11) EP2517704 (21) EP09852462.2 (47) 01.05.2019 (87) CN2009076069 30.06.2011 (22) 25.12.2009 (54) PHARMACEUTICAL COMPOSITION FOR TREATING PARKINSON'S DISEASE AND PREPARATION METHOD THEREOF (73) Innopharmax, Inc. (72) HAO, Weihua WANG, Jongjing CHEN, Huiyun <hr/></p>	<p>(51) A61K 31/4196 A61K 31/4168 A61P 31/10 A61P 33/04 (11) EP2329819 (21) EP09811170.1 (47) 01.05.2019 (87) IB2009006738 11.03.2010 (22) 04.09.2009 (54) PHARMACEUTICAL COMPOSITION FOR USE IN TREATING SEXUALLY TRANSMITTED INFECTIONS (73) Laboratorios Senosiain, S.a. De C.V. (72) GARCÍA SALGADO LÓPEZ, Raúl ARZOLA PANIAGUA, Angélica SENOSIAIN PELÁEZ, Juan Pablo BARRANCO HERNÁNDEZ, Gustavo (31) 2008011321 (32) 04.09.2008 (33) Mexico <hr/></p>	<p>(11) EP2968294 (21) EP14775569.8 (47) 01.05.2019 (87) US2014025885 02.10.2014 (22) 13.03.2014 (54) 7-BENZYL-10-(2- METHYLBENZYL)-2,6,7,8,9,10- HEXAHYDROMIDAZO[1,2- A]PYRIDO[4,3-D]PYRIMIDIN-5(3H)- ON FOR USE IN THE TREATMENT OF CANCER (73) Oncoceutics, Inc. (72) STOGNIEW, Martin ALLEN, Joshua, E. NALLAGANCHU, Bhaskara, Rao POTTORF, Richard, S. OLSON, Gary, L. (31) 201361779828 P 201361904718 P (32) 13.03.2013 15.11.2013 (33) United States of America United States of America <hr/></p>
<p>(51) A61K 31/28 A61K 31/415 A61K 31/4402 A61K 31/455 A61K 31/555 A61K 33/24 A61P 25/00 A61P 25/28 A61P 25/16 A61P 3/10 (11) EP2448412 (21) EP10794738.4 (47) 01.05.2019 (87) US2010040679 06.01.2011 (22) 30.06.2010 (54) CHROMIUM COMPLEXES AS ENHANCERS OF BRAIN GLUCOSE TRANSPORTERS (73) JDS Therapeutics, LLC (72) KOMOROWSKI, James, R. (31) 222255 P (32) 01.07.2009 (33) United States of America <hr/></p>	<p>(51) A61K 31/47 A61P 9/10 C07D 217/06 (11) EP3188730 (21) EP15837715.0 (47) 01.05.2019 (87) US2015047655 10.03.2016 (22) 31.08.2015 (54) TETRAHYDROISOQUINOLINE DERIVATIVES USEFUL AS INHIBITORS OF DIACYLGLYCERIDE O- ACYLTRANSFERASE 2 (73) Merck Sharp & Dohme Corp. (72) IMBRIGLIO, Jason LONDON, Clare LU, Zhijian TATA, James XIONG, Yusheng YOU, Ming YOU, Hye Won (31) 201462046234 P (32) 05.09.2014 (33) United States of America <hr/></p>	<p>(32) 201361904718 P (32) 13.03.2013 15.11.2013 (33) United States of America United States of America <hr/></p> <p>(51) A61K 31/519 A61P 11/02 A61P 17/00 A61P 19/02 A61P 29/00 A61P 37/02 A61P 37/08 C07D 487/04 C07D 519/00 (11) EP3120852 (21) EP16743556.9 (47) 01.05.2019 (87) JP2016052732 04.08.2016 (22) 29.01.2016 (54) PREVENTIVE AND/OR THERAPEUTIC AGENT FOR IMMUNE DISEASES (73) Taiho Pharmaceutical Co., Ltd. (72) HOSOI, Fumihito NAKACHI, Yoshinori</p>

KAJIWARA, Daisuke	RECHER, Christian	A01N 63/00
(31) 2015017386	POIROT, Marc	(11) EP3037096
(32) 30.01.2015	SILVENTE POIROT, Sandrine	(21) EP15190591.6
(33) Japan	(31) 13306206	(47) 01.05.2019
(51) A61K 31/565	(32) 04.09.2013	(22) 28.11.2007
A61P 19/02	(33) European Patent Office (EPO)	(54) METHOD FOR PROMOTING WOUND HEALING
A61K 9/00	(51) A61K 31/575	(73) University Of Southern California
A61K 9/107	A61P 3/04	(72) CHEN, Mei
(11) EP2987492	(11) EP3305298	WOODLEY, David
(21) EP13882519.5	(21) EP17188946.2	(31) 867560 P
(47) 01.05.2019	(47) 01.05.2019	(32) 28.11.2006
(87) CN2013074346	(22) 23.08.2011	(33) United States of America
23.10.2014	(54) FORMULATIONS OF DEOXYCHOLIC ACID AND SALTS THEREOF	
(22) 18.04.2013	(73) Kythera Biopharmaceuticals, Inc.	(51) A61K 31/79
(54) USE OF 7-A-[9-(4,4,5,5,5 - PENTAFLUORO-PENTYL-SULFINYL)NONYL]-ESTRA-1,3,5(10)-TRIENE-3,17B-DIOL AND DERIVATIVES THEREOF	(72) HODGE, Robert Emil	A61K 45/06
(73) Xi'an Libang Pharmaceutical Technology Co., Ltd.	WEBSTER, Jeffrey Douglas	A61K 33/18
(72) JIAO, Yaqi	MORIARTY, Robert M.	A61K 47/20
WANG, Jiucheng	(51) A61K 31/65	(11) EP2814317
HU, Renle	C07C 237/26	(21) EP12868550.0
(51) A61K 31/57	(11) EP2707003	(47) 01.05.2019
A61K 31/575	(21) EP12782600.6	(87) US2012065298
A61K 9/00	(47) 01.05.2019	22.08.2013
A61P 15/06	(87) US2012037838	(22) 15.11.2012
(11) EP2632471	15.11.2012	(54) ANTIFUNGAL COMPOSITIONS FOR USE IN TREATMENT OF A SKIN DISEASE
(21) EP11837115.2	(22) 14.05.2012	(73) Veloce BioPharma LLC
(47) 01.05.2019	(54) CRYSTALLINE SALTS OF (4S,4AS,5AR,12AS)-4-DIMETHYLAMINO-3,10,12,12A-TETRAHYDROXY-7-[(METHOXY(METHYL)AMINO)-METHYL]-1,11-DIOXO-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-NAPHTHACENE-2-CARBOXYLIC ACID AMIDE AND METHODS OF USING THE SAME	(72) CAPRIOTTI, Joseph
(87) US2011058141	(73) Paratek Pharmaceuticals, Inc.	CAPRIOTTI, Kara
03.05.2012	Allergan Pharmaceuticals International Limited	LESSIN, Stuart
(22) 27.10.2011	(72) COULTER, Catherine	(31) 201261600268 P
(54) TRIMEGESTONE (TMG) FOR TREATMENT OF PRETERM BIRTH	JOHNSTON, Sean, M.	PCT/US2012/036942
(73) Dignity Health	SEYEDI, Farzaneh	(32) 17.02.2012
(72) GARFIELD, Robert, E.	(31) 201161485179 P	08.05.2012
SHI, Shao-Qing	(32) 12.05.2011	(33) United States of America
SHI, Leili	(33) United States of America	World Intellectual Property Office (WIPO)
(31) 201161434309 P	(51) A61K 31/661	(51) A61K 33/00
407388 P	A61K 31/662	A61P 23/02
(32) 19.01.2011	A61P 25/00	A61K 31/573
27.10.2010	(11) EP2949329	A61K 31/5415
(33) United States of America	(21) EP14743161.3	A61K 31/51
United States of America	(47) 01.05.2019	A61K 31/714
(51) A61K 31/575	(87) JP2014051748	A61K 31/4415
A61K 31/58	31.07.2014	A61K 31/525
A61K 45/06	(22) 28.01.2014	(11) EP3045179
A61K 31/704	(54) THERAPEUTIC AGENT FOR DEMYELINATING DISEASE	(21) EP14838087.6
A61K 33/24	(73) Ochanomizu University	(47) 01.05.2019
A61K 33/36	Saitama Medical University	(87) CN2014081969
A61P 35/00	(72) MUROFUSHI, Kimiko	26.02.2015
A61P 35/02	GOTOH, Mari	(22) 10.07.2014
(11) EP3272350	MARUYAMA, Kei	(54) LOCAL ANESTHESIA PAIN-RELIEVING TIME-DELAY AGENT
(21) EP17187169.2	YOSHIKAWA, Keisuke	(73) Li, Fuchao
(47) 01.05.2019	YAMAMOTO, Shinji	(72) Li, Fuchao
(22) 03.09.2014	(31) 2013012859	(31) 201310364295
(54) DENDROGENIN A AND ANTINEOPLASTIC AGENTS FOR THE TREATMENT OF CHEMOSENSITIVE OR CHEMORESISTANT TUMORS	(32) 28.01.2013	(32) 20.08.2013
(73) Affichem	(33) Japan	(33) China
INSERM (Institut National de la Santé et de la Recherche Médicale)	(51) A61K 31/70	(51) A61K 35/14
Centre Hospitalier Universitaire de Toulouse	A01N 37/18	A61K 35/51
(72) DE MEDINA, Philippe		C12N 5/078
PAILLASSE, Michael		(11) EP3219320
		(21) EP15859595.9
		(47) 01.05.2019
		(87) JP2015082034
		19.05.2016
		(22) 13.11.2015
		(54) METHOD AND SOLUTION FOR CRYOPRESERVATION OF UMBILICAL

CORD BLOOD AND PERIPHERAL BLOOD	(54) NON-REPLICATING RHABDOVIRUS-DERIVED PARTICLES AND USES THEREOF	A61P 19/08
(73) Japanese Red Cross Society	(73) Celverum Inc.	A61P 17/02
Zenoaq Resource Co. Ltd.	(72) CONRAD, David	A61P 19/04
(72) TAKANASHI, Minoko	BATENCHUK, Cory	A61K 36/14
ITO, Miyuki	LEBOEUF, Fabrice	A61K 36/53
SAZE, Kohichi	BELL, John Cameron	A61K 36/539
(31) 2014232211	(31) 201261740856 P	A61K 36/66
2015121460	201361835310 P	A61K 35/644
(32) 14.11.2014	(32) 21.12.2012	(11) EP2949333
16.06.2015	14.06.2013	(21) EP13872562.7
(33) Japan	(33) United States of America	(47) 01.05.2019
Japan	United States of America	(87) CN2013076412
(51) A61K 35/34	(51) A61K 36/22	31.07.2014
C12N 5/077	A23L 33/00	(22) 29.05.2013
(11) EP1725654	A23L 33/105	(54) PHARMACEUTICAL COMPOSITIONS FOR TREATING THERMAL INJURIES AND WOUNDS COMBINED WITH BONE INJURIES
(21) EP05732662.1	A61P 3/04	(73) Xu, Kevin Peng
(47) 01.05.2019	(11) EP3009138	(72) XU, Rongxiang
(87) US2005009081	(21) EP15183167.4	(31) 201310027487
29.09.2005	(47) 01.05.2019	(32) 24.01.2013
(22) 18.03.2005	(22) 31.08.2015	(33) China
(54) METHOD FOR MAKING HIGH PURITY CARDIOMYOCYTE PREPARATIONS SUITABLE FOR REGENERATIVE MEDICINE	(54) MANGIFERA EXTRACT FOR THE MANAGEMENT OF OBESITY AND/OR WEIGHT	(51) A61K 36/906
(73) Asterias Biotherapeutics, Inc.	(73) Kodimule, Shyam Prasad	A61K 31/343
(72) GOLD, Joseph, D.	(72) Kodimule, Shyam Prasad	A61P 11/06
HASSANIPOUR, Mohammad	(31) 201462044398 P	A61P 17/04
COLLINS, Lila, R.	(32) 01.09.2014	A61P 27/14
XU, Chunhui	(33) United States of America	(11) EP2007408
(31) 805099	(51) A61K 36/22	(21) EP07705971.5
556722 P	A61K 31/19	(47) 01.05.2019
650194 P	(11) EP2613777	(87) IB2007050649
(32) 19.03.2004	(21) EP11823157.0	11.10.2007
26.03.2004	(47) 01.05.2019	(22) 28.02.2007
03.02.2005	(87) IL2011000724	(54) PREVENTATIVE TREATMENT AND REMISSION OF ALLERGIC DISEASES
(33) United States of America	15.03.2012	(73) CSIR
United States of America	(22) 07.09.2011	(72) HORAK, Roelof, Marthinus
United States of America	(54) COMPOSITIONS COMPRISING ACIDIC EXTRACTS OF MASTIC GUM	WADIWALA, Ebrahim
(51) A61K 35/744	(73) Regenera Pharma Ltd.	FOUCHE, Gerda
A23L 33/135	(72) HAZAN, Zadik	VAN DER MERWE, Marina, Mikhailovna
A61K 35/745	LUCASSEN, Andre C., B.	MAHARAJ, Vinesh, Jaichand
A61K 35/747	(31) 380339 P	ACKERMAN, Louis, Gabriel, Jozua
A61K 47/26	(32) 07.09.2010	(31) 200601860
A61P 1/00	(33) United States of America	(32) 03.03.2006
A61P 1/12	(51) A61K 36/28	(33) South Africa
(11) EP3388069	A61P 3/04	(51) A61K 38/00
(21) EP17166375.0	A61P 3/06	A61K 39/00
(47) 01.05.2019	A61P 3/10	A61K 47/64
(22) 12.04.2017	A23L 33/105	C07K 14/705
(54) CONSORTIA OF LIVING BACTERIA USEFUL FOR TREATMENT OF MICROBIOME DYSBIOSIS	A23L 33/00	(11) EP2877486
(73) ETH Zurich	(11) EP2779845	(21) EP13823250.9
Universität Zürich	(21) EP12787032.7	(47) 01.05.2019
(72) Lacroix, Christophe	(47) 01.05.2019	(87) IB2013056082
Chassard, Christophe	(87) EP2012072984	30.01.2014
de Wouters, Tomas	23.05.2013	(22) 24.07.2013
Rogler, Gerhard	(22) 19.11.2012	(54) PEPTIDE-BASED COMPOUNDS AND USES THEREOF TO TREAT BETA-AMYLOID ACCUMULATION
(51) A61K 35/76	(54) CHICORY EXTRACT AND METHOD OF PREPARING	(73) Manus Pharmaceuticals (Canada) Ltd.
C12N 7/06	(73) Naturex S.A.	(72) DEIGIN, Vladislav
A61P 35/02	(72) CHAPAL, Nicolas	VOLPINA, Olga
(11) EP2935569	BEEJMOHUN, Vickram	BOBKOVA, Natalia
(21) EP13865170.8	(31) 11306518	(31) 201261675205 P
(47) 01.05.2019	(32) 18.11.2011	(32) 24.07.2012
(87) CA2013051009	(33) European Patent Office (EPO)	(33) United States of America
26.06.2014	(51) A61K 36/756	(51) A61K 38/03
(22) 20.12.2013	A61K 35/62	A61K 38/07

A61P 9/10	(72) CHIN, Michael T.	(32) 16.03.2007
(11) EP3260127	CHIEN, Wei-Ming	(33) United States of America
(21) EP17172250.7	DINCA, Ana	(51) A61K 38/48
(47) 01.05.2019	(31) 201462091075 P	A61P 41/00
(22) 18.09.2006	(32) 12.12.2014	(11) EP2327416
(54) AROMATIC-CATIONIC PEPTIDE FOR USE IN A METHOD OF TREATING CEREBRAL ISCHEMIA	(33) United States of America	(21) EP11152414.6
(73) Cornell Research Foundation, Inc.	(51) A61K 38/19	(47) 01.05.2019
(72) SZETO, Hazel H.	A61P 9/10	(22) 05.12.2003
LIU, Shaoyi	A61P 37/04	(54) Pharmacological vitreolysis using truncated plasmin
CHO, Sunghee	(11) EP3157546	(73) Oxurion NV
(31) 71817005 P	(21) EP15729478.6	(72) Pakola, Steve
(32) 16.09.2005	(47) 01.05.2019	De Smet, Marc
(33) United States of America	(87) EP2015063572	(31) 0228409
(51) A61K 38/17	23.12.2015	(32) 06.12.2002
A61K 38/08	(22) 17.06.2015	(33) United Kingdom
A61P 29/00	(54) GCSF FOR USE IN THE TREATMENT OF NEUROGENIC IMMUNE SUPPRESSION AND/OR PREVENTION OF RELATED MEDICAL COMPLICATIONS	(51) A61K 38/48
(11) EP3074034	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	C12N 9/48
(21) EP14865347.0	(72) WAGNER, Daniel-Christoph	(11) EP2943216
(47) 01.05.2019	PÖSEL, Claudia	(21) EP14700370.1
(87) US2014066940	WEISE, Gesa	(47) 01.05.2019
04.06.2015	(31) 14002137	(87) EP2014050457
(22) 21.11.2014	(32) 20.06.2014	17.07.2014
(54) TREATMENT OF INFLAMMATORY DISEASE USING CAVEOLIN LINKED TO AN INTERNALISATION PEPTIDE	(33) European Patent Office (EPO)	(22) 13.01.2014
(73) E & B Technologies LLC	(51) A61K 38/46	(54) MODIFIED ACE2 POLYPEPTIDES
(72) EVELETH, David	A61K 38/12	(73) Apeiron Biologics AG
SESSA, William C.	A61P 35/02	(72) LOIBNER, Hans
(31) 201361909005 P	A61P 35/04	PEBALL, Bernhard
(32) 26.11.2013	C12N 9/18	SCHUSTER, Manfred
(33) United States of America	(11) EP3233110	STRANNER, Stefan
(51) A61K 38/17	(21) EP15816833.6	(31) 201361752023 P
A61P 29/00	(47) 01.05.2019	(32) 14.01.2013
A61P 17/06	(87) GB2015054068	(33) United States of America
A61P 17/02	23.06.2016	(51) A61K 39/00
A61K 38/00	(22) 18.12.2015	(11) EP2804626
(11) EP2618829	(54) CYCLIC ACETYLCHOLINESTERASE C-TERMINAL PEPTIDE IN THE TREATMENT OR PREVENTION OF CANCER OR METASTASIS	(21) EP13738941.7
(21) EP11827421.6	(73) Neuro-Bio Ltd	(47) 01.05.2019
(47) 01.05.2019	(72) GREENFIELD, Susan Adele	(87) BR2013000047
(87) US2011052499	PEPPER, Christopher	25.07.2013
29.03.2012	(31) 201422715	(22) 18.01.2013
(22) 21.09.2011	201508480	(54) AUTOLOGOUS CANCER CELL VACCINE
(54) SMAD7 FOR USE IN THE TREATMENT OF ORAL MUCOSITIS OR PSORIASIS	(32) 19.12.2014	(73) Kreutz, Fernando Thome
(73) The Regents of the University of Colorado, a body corporate	18.05.2015	(72) Kreutz, Fernando Thome
(72) WANG, Xiao-jing	(33) United Kingdom	(31) 201261589123 P
REFAELI, Yosef	United Kingdom	(32) 20.01.2012
ZHANG, Qinghong	(51) A61K 38/48	(33) United States of America
(31) 385445 P	A61P 1/00	(51) A61K 39/00
(32) 22.09.2010	(11) EP2136833	A61P 11/00
(33) United States of America	(21) EP08726820.7	A61P 35/00
(51) A61K 38/17	(47) 01.05.2019	C07K 16/28
C07K 14/005	(87) US2008003379	(11) EP3038643
C07K 14/435	25.09.2008	(21) EP14755668.2
C07K 14/50	(22) 14.03.2008	(47) 01.05.2019
A61P 9/00	(54) COMBINATION ENZYME THERAPY FOR DIGESTION OF DIETARY GLUTEN	(87) EP2014068050
(11) EP3230308	(73) The Board of Trustees of the Leland Stanford Junior University	05.03.2015
(21) EP15867844.1	(72) GASS, Jonathan, David	(22) 26.08.2014
(47) 01.05.2019	KHOSLA, Chaitan	(54) ANTIBODIES AGAINST CSF-1R
(87) US2015065235	BETHUNE, Michael	(73) UCB Biopharma SPRL
16.06.2016	SIEGEL, Matthew, John	(72) CRAGGS, Graham
(22) 11.12.2015	(31) 918432 P	HERVÉ, Karine Jeannine Madeleine
(54) METHODS FOR TREATING AND PREVENTING CARDIOMYOPATHY		MARSHALL, Diane
(73) University of Washington		(31) 201315487
		(32) 30.08.2013
		(33) United Kingdom
		(51) A61K 39/00
		C12N 15/63

C12N 15/67	(72) BAGNOLI, Fabio	C07K 16/26
(11) EP3178488	FALUGI, Fabiana	C07K 16/28
(21) EP16001897.4	GRANDI, Guido	(11) EP2957296
(47) 01.05.2019	MARIANI, Massimo	(21) EP15174585.8
(22) 15.02.2013	NISSUM, Mikkel	(47) 01.05.2019
(54) NUCLEIC ACID COMPRISING OR	PALLAORO, Michele	(22) 25.09.2010
CODING FOR A HISTONE STEM-LOOP	SAVINO, Silvana	(54) INSULIN RECEPTOR BINDING
AND A POLY(A) SEQUENCE OR A	(31) 201261695723 P	ANTIBODIES
POLYADENYLATION SIGNAL FOR	(32) 31.08.2012	(73) XOMA (US) LLC
INCREASING THE EXPRESSION OF AN	(33) United States of America	(72) WHITE, Mark Leslie
ENCODED TUMOUR ANTIGEN	(51) A61K 39/245	WATSON, Susan R.
(73) CureVac AG	A61P 31/22	BHASKAR, Vinay
(72) Theß, Andreas	(11) EP2432504	CORBIN, John
Schlake, Thomas	(21) EP10778532.1	(31) 246067 P
Probst, Jochen	(47) 01.05.2019	306321 P
(31) PCT/EP2012/000674	(87) US2010035998	358749 P
(32) 15.02.2012	25.11.2010	(32) 25.09.2009
(33) World Intellectual Property Office (WIPO)	(22) 24.05.2010	19.02.2010
(51) A61K 39/015	(54) VACCINES AGAINST HERPES SIMPLEX	25.06.2010
A61P 33/06	VIRUS TYPE 2: COMPOSITIONS AND	(33) United States of America
C07K 16/20	METHODS FOR ELICITING AN IMMUNE	United States of America
(11) EP2678033	RESPONSE	United States of America
(21) EP12749278.3	(73) Genoccea Biosciences, Inc.	(51) A61K 39/395
(47) 01.05.2019	(72) LONG, Deborah	A61P 25/28
(87) GB2012050433	FLECHTNER, Jessica	A61P 37/00
30.08.2012	SKOBERNE, Mojca	C07K 16/22
(22) 24.02.2012	SIBER, George R.	(11) EP2686016
(54) TREATMENT AND PREVENTION OF	(31) 305918 P	(21) EP12757658.5
MALARIA	240626 P	(47) 01.05.2019
(73) Oxford University Innovation Limited	180784 P	(87) AU2012000251
(72) DOUGLAS, Alexander	240587 P	20.09.2012
DRAPER, Simon	235628 P	(22) 13.03.2012
HILL, Adrian	(32) 18.02.2010	(54) ANTIBODY RECOGNIZING N-DOMAIN
WILLIAMS, Andrew	08.09.2009	OF MIDKINE
ILLINGWORTH, Joseph	22.05.2009	(73) CELLMID LIMITED
(31) 201103293	08.09.2009	(72) SAKUMA, Sadatosi
(32) 25.02.2011	20.08.2009	HALASZ, Maria
(33) United Kingdom	(33) United States of America	JONES, Darren
(51) A61K 39/02	United States of America	(31) 201161452337 P
A61P 35/00	United States of America	(32) 14.03.2011
(11) EP2853269	United States of America	(33) United States of America
(21) EP14190388.0	United States of America	(51) A61K 39/395
(47) 01.05.2019	(51) A61K 39/35	C07K 16/28
(22) 19.05.2009	A61K 39/36	A61K 39/39
(54) Dual delivery system for heterologous	A61P 37/08	(11) EP3292873
antigens comprising a recombinant Listeria	(11) EP2875828	(21) EP17001347.8
strain attenuated by mutation of dal/dat	(21) EP13766388.6	(47) 01.05.2019
and deletion of ActA comprising a nucleic	(47) 01.05.2019	(22) 21.02.2014
acid molecule encoding an listeriolysin O -	(87) ES2013070527	(54) COMBINATION OF VACCINATION AND
prostate specific antigen fusion protein	23.01.2014	INHIBITION OF THE PD-1 PATHWAY
(73) Advaxis, Inc.	(22) 19.07.2013	(73) CureVac AG
(72) Maciag, Paulo	(54) COMPOSITION FOR INTRADERMAL	(72) Fotin-Mleczek, Mariola
Wallecha, Anu	ADMINISTRATION OF POLYMERIZED	Kallen, Karl-Josef
Shahabi, Vafa	ALLERGENS	Probst, Jochen
(31) 71792 P	(73) Diater, Laboratorio de Diagnóstico y	(31) PCT/EP2013/000526
(32) 19.05.2008	Aplicaciones Terapéuticas, S.A.	(32) 22.02.2013
(33) United States of America	(72) PALACIOS PELÁEZ, Ricardo	(33) World Intellectual Property Office (WIPO)
(51) A61K 39/085	RODRÍGUEZ GIL, David	(51) A61K 41/00
(11) EP2890394	ALCOVER DÍAZ, Javier	A61K 49/00
(21) EP13753327.9	PINEDA DE LA LOSA, Fernando	A61K 47/68
(47) 01.05.2019	(31) 201231168	(11) EP3177323
(87) EP2013067853	201330335	(21) EP15760320.0
06.03.2014	(32) 20.07.2012	(47) 01.05.2019
(22) 29.08.2013	08.03.2013	(87) US2015044168
(54) STABILISED PROTEINS FOR	(33) Spain	11.02.2016
IMMUNISING AGAINST	Spain	(22) 07.08.2015
STAPHYLOCOCCUS AUREUS	(51) A61K 39/395	(54) PHOTO-CONTROLLED REMOVAL OF
(73) GlaxoSmithKline Biologicals SA	A61P 3/10	TARGETS IN VITRO AND IN VIVO

(73) The United States Of America, As Represented By The Secretary, Department Of Health And Human Services	A61K 47/62 A61K 47/69 (11) EP3277324	(87) EP2014071385 16.04.2015 (22) 07.10.2014
(72) KOBAYASHI, Hisataka CHOYKE, Peter SCHNERMANN, Martin John	(21) EP16729072.5 (47) 01.05.2019 (87) IN2016050097 06.10.2016	(54) HYDROGEL-LINKED IL-1RA PRODRUG (73) Ascendis Pharma A/S (72) RAU, Harald ZETTLER, Joachim HERSEL, Ulrich KALUZA, Nora KRUSCH, Mathias VOIGT, Tobias
(31) 201462034990 P (32) 08.08.2014 (33) United States of America	(22) 30.03.2016 (54) A PROCESS FOR THE PREPARATION OF BIO-ORGANIC COATED GOLD AND SILVER NANOPARTICLES USING BLUE LIGHT	(31) 13187766 (32) 08.10.2013 (33) European Patent Office (EPO)
(51) A61K 45/00 A61P 35/00 (11) EP3157566 (21) EP15750488.7 (47) 01.05.2019 (87) US2015036137 23.12.2015 (22) 17.06.2015 (54) METHOD FOR TREATING CANCER USING A COMBINATION OF CHK1 AND ATR INHIBITORS	(73) Council Of Scientific & Industrial Research (72) Ashish RATHORE, Yogendra Singh PEDDADA, Nagesh DOLMA, Kunzes GARG, Renu (31) 870DE2015 (32) 30.03.2015 (33) India	(51) A61K 47/68 A61K 47/65 A61P 39/00 A61P 35/00 C07D 487/04 C07D 519/00 (11) EP2839860 (21) EP14191079.4 (47) 01.05.2019 (22) 11.10.2013 (54) Pyrrolobenzodiazepines and conjugates thereof (73) MedImmune Limited (72) Howard, Philip Wilson (31) 201261712928 P (32) 12.10.2012 (33) United States of America
(73) Vertex Pharmaceuticals Incorporated (72) HELLEDAY, Thomas SANJIV, Kumar (31) 201462013136 P 201462043530 P 201462073082 P 201562161438 P (32) 17.06.2014 29.08.2014 31.10.2014 14.05.2015 (33) United States of America United States of America United States of America United States of America	(51) A61K 47/50 C07F 9/38 C07C 335/04 A61P 19/00 A61P 35/00 (11) EP3237015 (21) EP15801727.7 (47) 01.05.2019 (87) EP2015077279 26.05.2016 (22) 20.11.2015 (54) HYDROSOLUBLE HYDROXYBISPHOSPHONIC DOXORUBICINE DERIVATIVES	(11) EP2839860 (21) EP14191079.4 (47) 01.05.2019 (22) 11.10.2013 (54) Pyrrolobenzodiazepines and conjugates thereof (73) MedImmune Limited (72) Howard, Philip Wilson (31) 201261712928 P (32) 12.10.2012 (33) United States of America (51) A61K 48/00 C12N 15/86 A61P 35/00 A61K 35/761 C07K 14/005 A61K 35/763 C12N 7/00 (11) EP1506021 (21) EP03755145.4 (47) 01.05.2019 (87) EP2003005583 04.12.2003 (22) 27.05.2003 (54) USE OF ADENOVIRUSES AND NUCLEIC ACIDS CODING THEREFOR (73) Holm, Per Sonne (72) Holm, Per Sonne (31) 10223534 10225400 10248039 10322530 (32) 27.05.2002 07.06.2002 15.10.2002 19.05.2003 (33) Germany Germany Germany Germany
(51) A61K 45/06 A61K 31/155 A61K 31/7034 A61P 3/04 A61P 3/10 A61K 31/4436 A61K 31/381 A61K 47/38 A61K 31/7042 (11) EP2451482 (21) EP10735109.0 (47) 01.05.2019 (87) US2010041136 13.01.2011 (22) 07.07.2010 (54) COMBINATION THERAPY FOR THE TREATMENT OF DIABETES	(73) Atlantha (72) EGOROV, Maxim GOUJON, Jean-Yves LE BOT, Ronan DAVID, Emmanuelle (31) 1461253 (32) 20.11.2014 (33) France (51) A61K 47/60 A61K 47/65 A61K 47/69 (11) EP2616102 (21) EP11757861.7 (47) 01.05.2019 (87) EP2011066097 22.03.2012 (22) 16.09.2011 (54) PRODRUGS COMPRISING AN EXENDIN LINKER CONJUGATE	(27) 05.2003 (54) USE OF ADENOVIRUSES AND NUCLEIC ACIDS CODING THEREFOR (73) Holm, Per Sonne (72) Holm, Per Sonne (31) 10223534 10225400 10248039 10322530 (32) 27.05.2002 07.06.2002 15.10.2002 19.05.2003 (33) Germany Germany Germany Germany
(73) Janssen Pharmaceutica NV (72) LIANG, Yin RYAN, John WOLDU, Abraham, B. WU, Lisa, E. (31) 830479 223881 P (32) 06.07.2010 08.07.2009 (33) United States of America United States of America	(31) 10177327 (32) 17.09.2010 (33) European Patent Office (EPO) (51) A61K 47/60 A61K 47/69 A61P 19/02 (11) EP3054982 (21) EP14784022.7 (47) 01.05.2019	(51) A61K 49/00 A61P 9/10 A61P 21/00 A61P 25/00 A61P 25/06 A61P 25/16 A61P 25/24
(51) A61K 47/50 B22F 1/00 B22F 9/24 G01N 21/25 G01N 21/78		

A61P 25/28	C07K 5/09	(33) United States of America
(11) EP3281642	C07K 5/097	(51) A61L 9/22
(21) EP17193845.9	A61P 35/00	F24F 3/16
(47) 01.05.2019	C07D 403/14	H01T 23/00
(22) 27.03.2008	C07D 403/12	(11) EP2790742
(54) DIAGNOSTIC AGENT FOR	A61K 31/4196	(21) EP14705041.3
MITOCHONDRIAL DYSFUNCTION	A61K 38/06	(47) 01.05.2019
BRAIN DISEASES	(11) EP2785712	(87) EP2014000416
(73) SBI Pharmaceuticals Co., Ltd.	(21) EP12853926.9	03.07.2014
(72) KUROIWA, Toshihiko	(47) 01.05.2019	(22) 14.02.2014
KAJIMOTO, Yoshinaga	(87) US2012067162	(54) INDOOR AIR PURIFICATION
MASUBUCHI, Takahiro	06.06.2013	APPARATUS WITH PLASMA
ISHIZUKA, Masahiro	(22) 30.11.2012	GENERATOR AND RADIAL EXHAUST
TANAKA, Tohru	(54) HOMOMULTIVALENT AND	(73) AL-KO Therm GmbH
(31) 2007099508	HETEROMULTIVALENT INHIBITORS	(72) CZEJKA, Stephan
(32) 05.04.2007	OF PROSTATE SPECIFIC MEMBRANE	DONG, Binjie
(33) Japan	ANTIGEN (PMSA) AND USES THEREOF	GINSTERBLUM, Stefan
(51) A61K 49/00	(73) The Johns Hopkins University	(31) 202013001963 U
G01N 33/50	(72) POMPER, Martin Gilbert	(32) 27.02.2013
G01N 33/78	RAY, Sangeeta	(33) Germany
C12Q 1/6897	MEASE, Ronnie C.	(51) A61L 15/26
A01K 67/027	SHALLAL, Hassan	A61L 15/58
C12N 15/85	(31) 201161565179 P	A61L 15/28
(11) EP3223606	(32) 30.11.2011	(11) EP3313459
(21) EP15828366.3	(33) United States of America	(21) EP16745779.5
(47) 01.05.2019	(51) A61L 2/07	(47) 01.05.2019
(87) HU2015050020	B08B 3/02	(87) FR2016000105
02.06.2016	B08B 7/04	29.12.2016
(22) 30.11.2015	A61L 2/26	(22) 23.06.2016
(54) TRANSGENIC MOUSE FOR THE	(11) EP3171898	(54) SKIN-ADHESIVE ITEM
ASSESSMENT OF THYROID HORMONE	(21) EP15760260.8	(73) ELKEM SILICONES France SAS
(TH) ACTION	(47) 01.05.2019	(72) MOINE, Caroline
(73) Magyar Tudományos Akadémia Kísérleti	(87) IB2015055574	QUEMIN, Maryline
Orvostudományi Kutatóintézet	28.01.2016	(31) 1501350
(72) FEKETE, Csaba	(22) 23.07.2015	(32) 26.06.2015
GEREBEN, Balázs	(54) DEVICE FOR SANITIZING AIR-	(33) France
MOHÁCSIK, Petra	CONDITIONERS	(51) A61L 27/00
ERDÉLYI, Ferenc	(73) Buzzi, Marco	A61K 35/28
SZABÓ, Gábor	(72) Buzzi, Marco	A61P 13/12
(31) P1400563	(31) MI20141355	C07K 14/78
(32) 28.11.2014	(32) 24.07.2014	C12N 5/077
(33) Hungary	(33) Italy	C12N 5/0775
(51) A61K 51/04	(51) A61L 2/16	(11) EP3156080
A61K 51/10	A61K 45/06	(21) EP15806620.9
A61K 51/12	A61K 47/24	(47) 01.05.2019
A61P 35/00	A61P 31/00	(87) JP2015066455
(11) EP2497501	A61P 35/00	17.12.2015
(21) EP11183364.6	C08F 220/20	(22) 08.06.2015
(47) 01.05.2019	C08F 230/08	(54) CELL STRUCTURE AND METHOD FOR
(22) 24.06.2005	C09D 133/06	PRODUCING CELL STRUCTURE
(54) Radionuclides for medical use	C09D 143/04	(73) FUJIFILM Corporation
(73) The European Union, represented by the	C09J 133/06	(72) IWAZAWA, Reiko
European Commission	C09J 143/04	NAKAMURA, Kentaro
(72) Morgenstern, Alfred	(11) EP3052140	(31) 2014119372
Apostolidis, Christos	(21) EP14850661.1	(32) 10.06.2014
Molinet, Roger	(47) 01.05.2019	(33) Japan
Lützenkirchen, Klaus	(87) US2014054997	(51) A61L 27/34
(31) 91085	09.04.2015	A61L 31/10
875182	(22) 10.09.2014	A61C 8/02
(32) 25.06.2004	(54) NON-SELF-ADHERENT COATING	A61L 27/24
25.06.2004	MATERIALS	A61L 31/04
(33) Luxembourg	(73) Rochal Industries, LLC	(11) EP2717933
United States of America	(72) SALAMONE, Joseph Charles	(21) EP12799856.5
(51) A61K 51/08	REILLY, Katelyn Elizabeth	(47) 01.05.2019
A61K 51/04	SALAMONE, Ann Beal	(87) SE2012050628
C07K 5/068	XIAOYU, Chen	20.12.2012
C07K 5/02	(31) 201314046591	(22) 11.06.2012
C07K 5/08	(32) 04.10.2013	(54) COLLAGEN COATED ARTICLE

(73) Dentsply IH AB	CLEEK, Robert, L.	(47) 01.05.2019
(72) GRETZER, Christina	HOLLAND, Theresa, A.	(22) 19.11.2015
MÖRGELIN, Matthias	KRANZLER, Thane, L.	(54) MEMBRANE SEPARATION AND
(31) 11169676	LI, Mei	WASHING DEVICES, SYSTEMS AND
201161496278 P	TRAPP, Benjamin, M.	METHODS EMPLOYING SAME
11171146	(31) 201161449427 P	(73) Fenwal, Inc.
201161500294 P	201161560659 P	(72) RADWANSKI, Katherine N.
(32) 13.06.2011	201213409843	KUSTERS, Benjamin E.
13.06.2011	(32) 04.03.2011	(31) 201414560715
23.06.2011	16.11.2011	(32) 04.12.2014
23.06.2011	01.03.2012	(33) United States of America
(33) European Patent Office (EPO)	(33) United States of America	(51) A61M 1/02
United States of America	United States of America	B04C 1/00
European Patent Office (EPO)	United States of America	(11) EP3119450
United States of America	(51) A61L 31/18	(21) EP15720229.2
(51) A61L 27/50	A61M 25/01	(47) 01.05.2019
A61L 27/54	A61M 25/09	(87) US2015021499
A61L 2/16	(11) EP2885018	24.09.2015
A61F 2/02	(21) EP13700102.0	(22) 19.03.2015
A61L 27/36	(47) 01.05.2019	(54) CELL WASHING DEVICE USING NON-
(11) EP2582411	(87) EP2013050331	MECHANICAL FLUID VORTEX FLOW
(21) EP11796556.6	27.02.2014	(73) Biomet Biologics, LLC
(47) 01.05.2019	(22) 09.01.2013	(72) LEACH, Michael D.
(87) US2011040984	(54) MR-CAPABLE OR HF-CAPABLE	(31) 201414220635
22.12.2011	MEDICAL GUIDE WIRE	(32) 20.03.2014
(22) 17.06.2011	(73) Epflex Feinwerktechnik GmbH	(33) United States of America
(54) METHODS FOR STABILIZING	(72) UIHLEIN, Bernhard	(51) A61M 1/14
A BIOPROSTHETIC TISSUE BY	(31) 102012214785	A61M 1/16
CHEMICAL MODIFICATION OF	(32) 20.08.2012	A61M 1/34
ANTIGENIC CARBOHYDRATES	(33) Germany	A61M 1/36
(73) Edwards Lifesciences Corporation	(51) A61M 1/00	(11) EP2950842
(72) DOVE, Jeffrey, S.	(11) EP2344217	(21) EP14746793.0
TOD, Tara	(21) EP09789512.2	(47) 01.05.2019
(31) 355943 P	(47) 01.05.2019	(87) US2014014350
(32) 17.06.2010	(87) US2009037071	07.08.2014
(33) United States of America	15.04.2010	(22) 01.02.2014
(51) A61L 27/50	(22) 13.03.2009	(54) SYSTEMS AND METHODS FOR
A61L 27/54	(54) LIMITED-ACCESS, REDUCED-	MULTIFUNCTIONAL VOLUMETRIC
A61L 31/14	PRESSURE SYSTEMS	FLUID CONTROL
A61L 31/16	(73) KCI Licensing, Inc.	(73) MEDTRONIC, INC.
A61K 9/00	(72) MCNEIL, Bruce	(72) MEYER, Thomas, E.
A61M 37/00	(31) 403296	LURA, David, B.
(11) EP2771058	103566 P	PUDIL, Bryant, J.
(21) EP12842788.7	(32) 12.03.2009	GERBER, Martin, T.
(47) 01.05.2019	08.10.2008	(31) 201313757709
(87) IB2012055622	(33) United States of America	(32) 01.02.2013
02.05.2013	United States of America	(33) United States of America
(22) 16.10.2012	(51) A61M 1/00	(51) A61M 1/16
(54) IMPLANTABLE DEVICES FOR	(11) EP3132814	A61M 1/36
DELIVERY OF BIOACTIVE AGENTS	(21) EP16192619.1	(11) EP3096810
(73) Sorrento Therapeutics, Inc.	(47) 01.05.2019	(21) EP15708274.4
(72) OLLERENSHAW, Jeremy	(22) 16.08.2011	(47) 01.05.2019
REICHART, Emily	(54) REDUCED-PRESSURE, MULTI-	(87) IB2015050334
ROSS, Russell, F.	ORIENTATION, LIQUID-COLLECTION	23.07.2015
(31) 201161552059 P	CANISTER	(22) 16.01.2015
(32) 27.10.2011	(73) KCI Licensing, Inc.	(54) DEVICE FOR THE EXTRACORPOREAL
(33) United States of America	(72) LOCKE, Christopher Brian	OXYGENATION OF THE BLOOD OF A
(51) A61L 29/08	LUCKEMEYER, James, A.	PATIENT
A61L 29/16	(31) 374995 P	(73) Eurosets S.r.l.
A61M 25/10	(32) 18.08.2010	(72) PETRALIA, Antonio
A61M 29/02	(33) United States of America	GHELLI, Nicola
(11) EP3178501	(51) A61M 1/02	COSTA, Edgardo
(21) EP16198801.9	A61M 1/34	BALANZONI, Roberto
(47) 01.05.2019	B01D 63/16	(31) MO20140010
(22) 02.03.2012	A61M 1/26	(32) 20.01.2014
(54) ELUTING MEDICAL DEVICES	A61M 1/36	(33) Italy
(73) W.L. Gore & Associates, Inc.	(11) EP3028724	(51) A61M 1/34
(72) CAMPBELL, Carey, V.	(21) EP15195391.6	(11) EP2249898

(21) EP09700331.3	(54) MULTI-LUMEN CATHETER ASSEMBLY	(51) A61M 5/00
(47) 01.05.2019	(73) Cook Medical Technologies LLC	A61M 5/148
(87) EP2009000054	(72) MELSHEIMER, Jeffrey, S.	A61M 5/168
16.07.2009	BOSEL, Christopher, D.	F04B 43/04
(22) 08.01.2009	LYONS, Drew, P.	F04B 45/02
(54) METHOD FOR DETERMINING	(31) 842330	G01F 11/08
THE PERCENTAGE OF	(32) 21.08.2007	(11) EP2307076
RECIRCULATION IN A FISTULA	(33) United States of America	(21) EP09800783.4
AND/OR CARDIOPULMONARY	(51) A61M 1/36	(47) 01.05.2019
RECIRCULATION RELATIVE TO THE	A61M 25/00	(87) US2009049997
TOTAL FISTULA RECIRCULATION	(11) EP2564886	28.01.2010
AND CARDIOPULMONARY	(21) EP12182193.8	(22) 09.07.2009
RECIRCULATION	(47) 01.05.2019	(54) MRI COMPATIBLE PROGRAMMABLE
(73) Fresenius Medical Care Deutschland GmbH	(22) 29.08.2012	VALVE PUMP
(72) ZHANG, Wei	(54) Dialysis catheter	(73) Flowonix Medical Incorporated
(31) 102008003714	(73) Covidien LP	(72) MCNALLY, Jason
(32) 09.01.2008	(72) Makino, Masanori	MORRISON, David
(33) Germany	Kanie, Nobuatsu	MATCHEY, Constantin
(51) A61M 1/36	Akaike, Yoshimi	(31) 220593
(11) EP3069742	(31) 2011186775	(32) 25.07.2008
(21) EP14860814.4	(32) 30.08.2011	(33) United States of America
(47) 01.05.2019	(33) Japan	(51) A61M 5/00
(87) JP2014079688	(51) A61M 3/02	A61M 5/168
14.05.2015	A61B 1/31	A61M 5/172
(22) 10.11.2014	A61B 1/12	A61M 5/142
(54) BLOOD PURIFICATION DEVICE AND	A61B 17/3203	(11) EP2881129
METHOD FOR PRIMING SAME	A61B 1/015	(21) EP14189985.6
(73) Nikkiso Company Limited	A61M 1/00	(47) 01.05.2019
(72) KOGOSHI, Kentaro	(11) EP2579914	(22) 23.10.2014
TAKEUCHI, Satoshi	(21) EP11732520.9	(54) Injector for injecting a fluid and method for
(31) 2013232944	(47) 01.05.2019	controlling an injector
(32) 11.11.2013	(87) IL2011000470	(73) Ulrich GmbH & Co. KG
(33) Japan	22.12.2011	(72) Seibold, Felix
(51) A61M 1/36	(22) 13.06.2011	(31) 102013113387
A61M 1/10	(54) SYSTEMS FOR CLEANING BODY	(32) 03.12.2013
A61M 1/14	CAVITIES	(33) Germany
(11) EP3167920	(73) Motus Gi Medical Technologies Ltd.	(51) A61M 5/00
(21) EP15833783.2	(72) SHTUL, Boris	A61M 5/32
(47) 01.05.2019	MOROCHOVSKY, Alexey	A61M 5/50
(87) JP2015073363	BANZGER, Alexander	(11) EP3204066
25.02.2016	HASSIDOV, Noam	(21) EP15770833.0
(22) 20.08.2015	(31) 354226 P	(47) 01.05.2019
(54) BLOOD CIRCULATION SYSTEM	378432 P	(87) EP2015071052
(73) Senko Medical Instrument Mfg. Co., Ltd.	(32) 13.06.2010	14.04.2016
(72) NIIMI, Yoshinari	31.08.2010	(22) 15.09.2015
TANAKA, Katsunori	(33) United States of America	(54) NEEDLE COVER ASSEMBLY
KIHARA, Masahiro	United States of America	(73) SHL Medical AG
KISHI, Munehiro	(51) A61M 5/00	(72) CARPENTER, Lucas
MARUYA, Taku	A61B 17/34	MUELLER, Stephan
YOSHIHARA, Masanori	B65D 83/02	(31) 1451198
KAMIYA, Masahiro	A61B 50/20	(32) 08.10.2014
(31) 2014167559	A61M 5/32	(33) Sweden
2015053600	(11) EP2298397	(51) A61M 5/14
2015124810	(21) EP10176676.4	A61M 5/145
(32) 20.08.2014	(47) 01.05.2019	A61M 31/00
17.03.2015	(22) 14.09.2010	(11) EP2817040
22.06.2015	(54) Outer cover of a pen needle for a drug	(21) EP13710131.7
(33) Japan	delivery pen	(47) 01.05.2019
Japan	(73) Becton, Dickinson and Company	(87) US2013026627
Japan	(72) Horvath, Joshua D.	29.08.2013
(51) A61M 1/36	Collins, Deirdre	(22) 19.02.2013
A61M 25/00	Hwang, Charles G.	(54) INJECTOR SYSTEM
(11) EP2183012	Upham, Paul	(73) Liebel-Flarsheim Company LLC
(21) EP08798061.1	Sullivan, Sean	(72) POLLARD, Pamela, L.
(47) 01.05.2019	Langill, Ed	MCGRAW, Robert, J.
(87) US2008073435	(31) 563092	POWERS, John, E.
26.02.2009	(32) 18.09.2009	HOYT, Richard, A.
(22) 18.08.2008	(33) United States of America	ZIEMBA, Robert, J.

SONI, Bina, A.	(54) MEDICAL INFUSION SYSTEM	(51) A61M 5/168
(31) 201261601599 P	ALLOWING AUTOMATIC PRIMING	A61M 5/315
(32) 22.02.2012	(73) Animas Corporation	(11) EP3067078
(33) United States of America	(72) WALSH, Ryan	(21) EP14859569.7
(51) A61M 5/14	BAKER, Daniel L.	(47) 01.05.2019
A61M 5/168	CLEMENTE, Matthew	(87) KR2014010509
A61M 5/172	KING, William	14.05.2015
(11) EP3277341	KUEHL, Gerald	(22) 04.11.2014
(21) EP16715691.8	(31) 201261739325 P	(54) DRUG INJECTION DEVICE
(47) 01.05.2019	(32) 19.12.2012	(73) Megagen Implant Co., Ltd.
(87) US2016024071	(33) United States of America	(72) PARK, Kwang Bum
06.10.2016	(51) A61M 5/142	(31) 20130135078
(22) 24.03.2016	F04B 3/00	(32) 07.11.2013
(54) IV FLOW MANAGEMENT SYSTEMS	A61M 5/168	(33) Korea (Republic)
AND METHODS	(11) EP3253430	(51) A61M 5/20
(73) Becton, Dickinson and Company	(21) EP16702559.2	(11) EP2538997
(72) ISAACSON, S. Ray	(47) 01.05.2019	(21) EP11703891.9
HARDING, Weston F.	(87) EP2016052171	(47) 01.05.2019
SONDEREGGER, Ralph L.	11.08.2016	(87) EP2011052305
MCKINNON, Austin Jason	(22) 02.02.2016	25.08.2011
IYOSEVIC, Milan	(54) METHOD OF CALIBRATING A	(22) 16.02.2011
(31) 201562141398 P	MEDICAL PUMP	(54) Force transmission arrangement for auto-
201615078727	(73) Sanofi-Aventis Deutschland GmbH	injector
(32) 01.04.2015	(72) NESSEL, Christian	(73) Sanofi-Aventis Deutschland GmbH
23.03.2016	WITT, Robert	(72) EKMAN, Matthew
(33) United States of America	RICHTER, René	BARROW-WILLIAMS, Timothy Donald
United States of America	(31) 15153417	KEMP, Thomas Mark
(51) A61M 5/14	(32) 02.02.2015	(31) 10154192
F16M 11/20	(33) European Patent Office (EPO)	(32) 22.02.2010
(11) EP2804644	(51) A61M 5/145	(33) European Patent Office (EPO)
(21) EP13736304.0	A61M 5/142	(51) A61M 5/20
(47) 01.05.2019	(11) EP3021895	(11) EP2585134
(87) SE2013000003	(21) EP14826694.3	(21) EP11726829.2
18.07.2013	(47) 01.05.2019	(47) 01.05.2019
(22) 09.01.2013	(87) US2014047023	(87) EP2011060506
(54) A STORAGE SYSTEM FOR A PORTABLE	22.01.2015	05.01.2012
IV-STAND	(22) 17.07.2014	(22) 22.06.2011
(73) Tarsus Products AB	(54) INFUSION PUMP SYSTEM AND	(54) AUTO-INJECTOR WITH INJECTION
(72) SJÖBLOM, Olow	METHOD	DAMPER
(31) 1200026	(73) Bigfoot Biomedical, Inc.	(73) Sanofi-Aventis Deutschland GmbH
(32) 10.01.2012	(72) ESTES, Mark C.	(72) HOURMAND, Yannick
(33) Sweden	(31) 201313946330	BARROW-WILLIAMS, Timothy, Donald
(51) A61M 5/142	(32) 19.07.2013	EKMAN, Matthew
A61M 5/145	(33) United States of America	(31) 413812 P
A61M 5/46	(51) A61M 5/145	10167495
(11) EP3028726	A61M 5/28	(32) 15.11.2010
(21) EP15200853.8	A61M 39/04	28.06.2010
(47) 01.05.2019	A61M 5/142	(33) United States of America
(22) 28.03.2011	A61M 39/02	European Patent Office (EPO)
(54) DRUG DELIVERY DEVICE	A61M 5/31	(51) A61M 5/20
(73) Becton, Dickinson and Company	(11) EP3082906	A61M 5/142
(72) Cronenberg, Richard, A.	(21) EP14824275.3	A61M 5/145
Vedrine, Lionel	(47) 01.05.2019	(11) EP2488233
Alchas, Paul	(87) US2014069957	(21) EP10823957.5
(31) 346542 P	25.06.2015	(47) 01.05.2019
(32) 20.05.2010	(22) 12.12.2014	(87) US2010052352
(33) United States of America	(54) ELECTRONIC INJECTOR	21.04.2011
(51) A61M 5/142	(73) Medtronic MiniMed, Inc.	(22) 12.10.2010
A61M 5/158	(72) ASKARINYA, Mohsen	(54) FLUID DELIVERY DEVICE
A61M 39/10	BROWN, Richard L.	(73) Valeritas, Inc.
A61M 5/14	CHONG, Colin A.	(72) GONNELLI, Robert, R.
(11) EP2941286	KINZIE, Patrick W.	LEVESQUE, Steven, F.
(21) EP13818132.6	SCHULHAUSER, Randal	(31) 251236 P
(47) 01.05.2019	CHERRY, Jeff M.	325136 P
(87) US2013076025	STEVENSON, Tyler S.	(32) 13.10.2009
26.06.2014	(31) 201314134787	16.04.2010
(22) 18.12.2013	(32) 19.12.2013	(33) United States of America
	(33) United States of America	United States of America

- (51) A61M 5/20
A61M 5/315
- (11) EP2825227
(21) EP12871394.8
(47) 01.05.2019
(87) US2012029306
19.09.2013
(22) 15.03.2012
(54) MULTIPLE USE DISPOSABLE
INJECTION PEN
(73) Becton, Dickinson and Company
(72) QUINN, Michael
CRONENBERG, Richard
-
- (51) A61M 5/30
(11) EP1441788
(21) EP02769069.2
(47) 01.05.2019
(87) US2002032641
26.06.2003
(22) 11.10.2002
(54) JET INJECTOR WITH HAND PIECE
(73) Pulse NeedleFree Systems, Inc.
(72) ROGATCHEV, Victor T.
MCCALMON, Partick
- (31) 329082 P
361198 P
386457 P
- (32) 12.10.2001
01.03.2002
04.06.2002
- (33) United States of America
United States of America
United States of America
-
- (51) A61M 5/31
A61M 5/315
- (11) EP2968777
(21) EP14708564.1
(47) 01.05.2019
(87) EP2014054532
18.09.2014
(22) 10.03.2014
(54) DRIVE MECHANISM FOR A DRUG
DELIVERY DEVICE
(73) Sanofi-Aventis Deutschland GmbH
(72) PLUMPTRE, David Aubrey
REKAYA, Naceur
DRAPER, Paul Richard
GRIFFIN, Paul
MERCER, David Richard
- (31) 13159054
(32) 13.03.2013
(33) European Patent Office (EPO)
-
- (51) A61M 5/31
A61M 5/32
- (11) EP1964587
(21) EP08356032.6
(47) 01.05.2019
(22) 03.03.2008
(54) Protection device for a needle
(73) Becton Dickinson France
(72) Bonnet, Stéphane
- (31) 0701530
(32) 02.03.2007
(33) France
-
- (51) A61M 5/315
(11) EP2627379
(21) EP11767701.3
(47) 01.05.2019
- (87) EP2011067677
19.04.2012
- (22) 11.10.2011
- (54) DRUG DELIVERY DEVICE WITH A
DOSE SETTING MECHANISM AND
METHOD OF USING SAME
- (73) Sanofi-Aventis Deutschland GmbH
(72) LEAK, David Martin
BUTLER, Joseph
- (31) 11168189
392749 P
- (32) 31.05.2011
13.10.2010
- (33) European Patent Office (EPO)
United States of America
-
- (51) A61M 5/315
(11) EP2686046
(21) EP11861021.1
(47) 01.05.2019
(87) US2011000492
20.09.2012
(22) 17.03.2011
(54) MEDICAL INJECTOR WITH
ROTATABLE RATCHETING PLUNGER
(73) Becton, Dickinson and Company
(72) CRONENBERG, Richard
WU, Haiming
-
- (51) A61M 5/315
A61M 39/20
A61M 5/145
A61M 5/14
- (11) EP2968738
(21) EP14769024.2
(47) 01.05.2019
(87) US2014022429
25.09.2014
(22) 10.03.2014
(54) INFUSION SYSTEM WITH DUAL-
CHAMBERED RESERVOIR
(73) CareFusion 303, Inc.
(72) DAVIS, Lisa
BUTTERFIELD, Robert
- (31) 201313841369
(32) 15.03.2013
(33) United States of America
-
- (51) A61M 5/32
(11) EP2262559
(21) EP09767139.0
(47) 01.05.2019
(87) US2009037039
23.12.2009
(22) 13.03.2009
(54) SAFETY PEN NEEDLE ASSEMBLY
HAVING SHIELD FOR NON-PATIENT
END
(73) Becton, Dickinson and Company
(72) ZAIKEN, Eliot
RICHARDS, Stephen
ALU, Joseph
QUINN, Michael, Vincent
- (31) 36138
84750
(32) 13.03.2008
30.07.2008
(33) United States of America
United States of America
-
- (51) A61M 5/32
A61M 1/00
- (61) A61M 39/10
A61M 5/162
A61J 1/20
A61J 1/14
- (11) EP2991712
(21) EP14792097.9
(47) 01.05.2019
(87) US2014036294
06.11.2014
(22) 01.05.2014
(54) ATTACHMENT DEVICE FOR MEDICAL
FLUID CONTAINER
(73) Bayer Healthcare LLC
(72) SCHRIVER, Ralph. H.
DEDIG, James, A.
- (31) 201361818084 P
201361914612 P
(32) 01.05.2013
11.12.2013
(33) United States of America
United States of America
-
- (51) A61M 5/32
A61J 1/20
A61J 1/14
- (11) EP2938375
(21) EP13868102.8
(47) 01.05.2019
(87) US2013077067
03.07.2014
(22) 20.12.2013
(54) CARTRIDGE ASSEMBLY FOR AN
INJECTION SYSTEM
(73) Hospira, Inc.
(72) OSHGAN, Robert, John
TANNER, John, C.
- (31) 201261747483 P
(32) 31.12.2012
(33) United States of America
-
- (51) A61M 5/32
A61M 5/315
A61M 5/19
A61M 5/31
A61M 5/34
A61M 5/00
- (11) EP2934636
(21) EP13865827.3
(47) 01.05.2019
(87) US2013075552
26.06.2014
(22) 17.12.2013
(54) DUAL CHAMBER MIXING SYRINGES
AND METHODS OF USING SAME
(73) Merck Sharp & Dohme Corp.
(72) GRANELLI, Christopher, J.
- (31) 201261739762 P
(32) 20.12.2012
(33) United States of America
-
- (51) A61M 5/32
A61M 5/46
A61B 6/00
A61M 5/145
- (11) EP2227276
(21) EP08857891.9
(47) 01.05.2019
(87) US2008085239
11.06.2009
(22) 02.12.2008

(54) PUSH TO INSTALL SYRINGE MOUNT FOR POWERED INJECTOR SYSTEMS	(33) European Patent Office (EPO) United States of America	(31) 19936499 19949292
(73) Liebel-Flarsheim Company LLC	(51) A61M 16/00	19949283
(72) BRUCE, John, K.	A61M 16/12	29918048 U
(31) 12095 P	B63C 11/02	(32) 05.08.1999
(32) 07.12.2007	G01F 22/02	13.10.1999
(33) United States of America	A61M 16/20	13.10.1999
(51) A61M 5/32	(11) EP3139986	13.10.1999
A61M 25/00	(21) EP15725461.6	(33) Germany
A61M 25/06	(47) 01.05.2019	Germany
(11) EP2905042	(87) US2015030217	Germany
(21) EP12886088.9	12.11.2015	Germany
(47) 01.05.2019	(22) 11.05.2015	(51) A61M 21/02
(87) JP2012075972	(54) SYSTEM FOR DELIVERY OF THERAPEUTIC GAS	(11) EP2950867
10.04.2014	(73) Ino Therapeutics LLC	(21) EP14701233.0
(22) 05.10.2012	(72) ACKER, Jaron M.	(47) 01.05.2019
(54) MEDICAL SAFETY NEEDLE WHICH PREVENTS RE-EXPOSURE OF NEEDLE TIP	FALLIGANT, John C.	(87) IB2014058134
(73) Medikit Co., Ltd.	MILSAP, Jeff	07.08.2014
(72) NAKAJIMA, Hiroaki	ROEHL, Robin	(22) 09.01.2014
ANDO, Hirokazu	SCHMIDT, Jeffrey	(54) BRAIN-WAVE BASED CLOSED-LOOP SENSORY STIMULATION TO INDUCE SLEEP
(51) A61M 5/50	TOLMIE, Craig R.	(73) Koninklijke Philips N.V.
A61M 5/34	(31) 201461991083 P	(72) GARCIA MOLINA, Gary Nelson
A61M 5/32	201461991028 P	(31) 201361757776 P
(11) EP2262557	201461991032 P	(32) 29.01.2013
(21) EP09718668.8	(32) 09.05.2014	(33) United States of America
(47) 01.05.2019	09.05.2014	(51) A61M 25/00
(87) US2009037115	09.05.2014	(11) EP3212268
17.09.2009	(33) United States of America	(21) EP15793985.1
(22) 13.03.2009	United States of America	(47) 01.05.2019
(54) SAFETY NEEDLE ASSEMBLY	United States of America	(87) US2015058000
(73) Becton, Dickinson and Company	(51) A61M 16/04	06.05.2016
(72) NEWMAN, Craig	A61M 1/00	(22) 29.10.2015
RICHARDS, Stephen	A61M 16/20	(54) CATHETER PACKAGE INCLUDING CATHETER STRAIGHTENING MEANS
GOYKHAM, Vadim	(11) EP3056237	(73) W. L. Gore & Associates, Inc.
RUAN, Tieming	(21) EP16154798.9	(72) CULLY, Edward H.
(31) 84750	(47) 01.05.2019	GOEPFRICH, James L.
55686	(22) 25.06.2010	HARDIE, William G.
36299	(54) SUBGLOTTIC SUCTIONING SYSTEM	TORREZ, Raymond P.
81878	(73) Avent, Inc.	(31) 201462073710 P
(32) 30.07.2008	(72) Cuevas, Brian J.	(32) 31.10.2014
23.05.2008	Cesa, Joseph A.	(33) United States of America
13.03.2008	Teixeira, Scott M.	(51) A61M 25/00
18.07.2008	Sleva, Michael	A61B 17/3207
(33) United States of America	Hershey, Adrienne A.	A61M 25/09
United States of America	Baratian, Stephen A.	A61M 25/10
United States of America	(31) 533531	(11) EP3310424
United States of America	(32) 31.07.2009	(21) EP16733176.8
(51) A61M 5/50	(33) United States of America	(47) 01.05.2019
G06F 19/00	(51) A61M 16/08	(87) GR2016000025
(11) EP2608827	A61M 16/16	22.12.2016
(21) EP11752511.3	A61M 16/10	(22) 30.05.2016
(47) 01.05.2019	A61M 16/00	(54) ENDOVASCULAR MOBILE BALLOON SUPPORT CATHETER
(87) EP2011064629	A62B 9/00	(73) Stefanidis, Giannis
01.03.2012	(11) EP2345449	(72) Stefanidis, Giannis
(22) 25.08.2011	(21) EP10185462.8	(31) 20150100278
(54) METHOD AND SYSTEM FOR DETERMINING INFORMATION RELATED TO A DRUG RESERVOIR	(47) 01.05.2019	(32) 17.06.2015
(73) Sanofi-Aventis Deutschland GmbH	(22) 04.08.2000	(33) Greece
(72) DAY, Shane, Alistair	(54) Respiratory gas tube, connecting device therefor and connecting device structure	(51) A61M 25/00
YATES, Barry	(73) ResMed R&D Germany GmbH	A61M 25/01
AVERY, Richard, James, Vincent	(72) Mayer, Wolfgang	(11) EP3313494
(31) 10188858	Genger, Harald	(21) EP16735569.2
377128 P	Madaus, Stefan	(47) 01.05.2019
(32) 26.10.2010	Klopp, Andreas	(87) DK2016050222
26.08.2010	Schätzl, Stefan	29.12.2016
	Vögele, Harald	
	Lang, Bernd	

(22) 24.06.2016	(31) 201213399290	30.10.2015
(54) A URINARY CATHETER ASSEMBLY	(32) 17.02.2012	30.10.2015
(73) Coloplast A/S	(33) United States of America	19.11.2015
(72) HICKMOTT, Richard Morgan	(51) A61M 25/092	30.11.2015
WRABER, Martin	A61M 39/08	(33) United States of America
BORG, Marie Bay	A61M 25/09	United States of America
(31) 201570396	(11) EP2968856	United States of America
201570397	(21) EP14769281.8	United States of America
201570643	(47) 01.05.2019	United States of America
201670313	(87) US2014030112	United States of America
(32) 26.06.2015	25.09.2014	United States of America
26.06.2015	(22) 16.03.2014	(51) A61M 25/10
09.10.2015	(54) STEERABLE CATHETERS AND	A61M 25/01
11.05.2016	METHODS FOR MAKING THEM	A61L 29/06
(33) Denmark	(73) CLPH, LLC	(11) EP2992923
Denmark	(72) LEEFLANG, Stephen, Arie	(21) EP15183531.1
Denmark	EVERSULL, Christian, Scott	(47) 01.05.2019
Denmark	(31) 201361802490 P	(22) 02.09.2015
(51) A61M 25/00	201361917334 P	(54) BALLOON CATHETER
A61M 25/09	201461930672 P	(73) Abbott Cardiovascular Systems, Inc.
(11) EP2853280	(32) 16.03.2013	(72) Torres, Hector
(21) EP14173720.5	17.12.2013	Wilson, Bruce
(47) 01.05.2019	23.01.2014	Haslinger, Thomas
(22) 24.06.2014	(33) United States of America	(31) 201462046157 P
(54) Guidewire	United States of America	(32) 04.09.2014
(73) Asahi Intecc Co., Ltd.	United States of America	(33) United States of America
(72) Takada, Keigo	(51) A61M 25/10	(51) A61M 27/00
(31) 2013197687	(11) EP3194006	(11) EP2921199
(32) 25.09.2013	(21) EP15757367.6	(21) EP15163545.5
(33) Japan	(47) 01.05.2019	(47) 01.05.2019
(51) A61M 25/01	(87) US2015044653	(22) 10.03.2011
A61B 18/14	03.03.2016	(54) CONNECTOR FOR REDUCED-
A61B 18/00	(22) 11.08.2015	PRESSURE WOUND TREATMENT
A61B 90/00	(54) AUTOMATED INFLATOR FOR	SYSTEM AND SYSTEM FOR REDUCED-
(11) EP2931111	BALLOON DILATOR	PRESSURE WOUND TREATMENT
(21) EP13862105.7	(73) Acclarent, Inc.	(73) KCI Licensing, Inc.
(47) 01.05.2019	(72) LAM, Sivette	(72) Robinson, Timothy Mark
(87) US2013074331	LIN, Arthur, M.	Locke, Christopher Brian
19.06.2014	CHAMNESS, Scott, O.	Coulthard, Richard Daniel John
(22) 11.12.2013	(31) 201414472448	(31) 313351 P
(54) MRI COMPATIBLE HANDLE AND	(32) 29.08.2014	201113044338
STEERABLE SHEATH	(33) United States of America	(32) 12.03.2010
(73) Imricor Medical Systems, Inc.	(51) A61M 25/10	09.03.2011
(72) STENZEL, Gregg S.	A61M 25/00	(33) United States of America
WEDAN, Steven R.	A61B 17/22	United States of America
PAGE, Douglas A.	A61B 18/24	(51) A61M 27/00
LLOYD, Thomas W.	(11) EP3240603	A61F 2/04
KALTHOFF, James Alan	(21) EP15876307.8	(11) EP2977074
BRUTLAG, Bryan A.	(47) 01.05.2019	(21) EP14178201.1
(31) PCT/US2012/069487	(87) US2015068169	(47) 01.05.2019
(32) 13.12.2012	07.07.2016	(22) 23.07.2014
(33) World Intellectual Property Office (WIPO)	(22) 30.12.2015	(54) A ureteral stent
(51) A61M 25/06	(54) LASER-INDUCED FLUID FILLED	(73) Coloplast A/S
A61B 17/34	BALLOON CATHETER	(72) Seguy, Sebastien
A61M 5/14	(73) The Spectranetics Corporation	Beilvert, Thomas
A61M 25/04	(72) GRACE, Kenneth P.	Millet, Jacques
A61M 5/158	TRIFFO, Thomas	Bougherara, Chaabane
(11) EP2814553	CEZO, James	Chouarche, Olivier
(21) EP13748481.2	(31) 201462098242 P	(51) A61M 27/00
(47) 01.05.2019	201562209691 P	F16K 37/00
(87) US2013026340	201562232318 P	(11) EP2968869
22.08.2013	201562248875 P	(21) EP14718268.7
(22) 15.02.2013	201562248913 P	(47) 01.05.2019
(54) ANCHORING AN INTRAVENOUS	201562257404 P	(87) US2014027222
CANNULA	201562261085 P	25.09.2014
(73) Interrad Medical, Inc.	(32) 30.12.2014	(22) 14.03.2014
(72) ROSENBERG, Michael S.	25.08.2015	
CHRISTIANSON, Mark R.	24.09.2015	

<p>(54) DEVICE FOR FINDING THE CENTER AND READING THE SETTING OF AN IMPLANTABLE MEDICAL DEVICE</p> <p>(73) Medtronic Xomed, Inc.</p> <p>(72) SHAH, Deep CEPEDA, Tony Daniel SPECKMAN, Lori BERTRAND, W. Jeff HAMPTON, Lawrence</p> <p>(31) 201313826727</p> <p>(32) 14.03.2013</p> <p>(33) United States of America</p> <hr/> <p>(51) A61M 31/00 A61B 5/00 A61M 25/00 A61M 37/00 A61N 1/36 A61B 90/00</p> <p>(11) EP2968881</p> <p>(21) EP14774821.4</p> <p>(47) 01.05.2019</p> <p>(87) US2014025018 02.10.2014</p> <p>(22) 12.03.2014</p> <p>(54) APPARATUS FOR DELIVERY OF MEDICATION TO THE BRAIN TO TREAT NEUROLOGICAL CONDITIONS</p> <p>(73) Incube Labs, LLC</p> <p>(72) IMRAN, Mir MORGAN, Phillip TRANCHINA, Ben SPHER, Paul HORLEN, Kyle</p> <p>(31) 201313827468</p> <p>(32) 14.03.2013</p> <p>(33) United States of America</p> <hr/> <p>(51) A61M 31/00 A61J 15/00 A61M 25/02 A61M 39/28</p> <p>(11) EP3181179</p> <p>(21) EP17153963.8</p> <p>(47) 01.05.2019</p> <p>(22) 23.08.2012</p> <p>(54) IMPROVED SKIN PORT CONNECTOR</p> <p>(73) Aspire Bariatrics, Inc.</p> <p>(72) WOJCIK, Steven, E.</p> <p>(31) 201161526419 P</p> <p>(32) 23.08.2011</p> <p>(33) United States of America</p> <hr/> <p>(51) A61M 37/00 A61M 1/16</p> <p>(11) EP2459269</p> <p>(21) EP10804938.8</p> <p>(47) 01.05.2019</p> <p>(87) US2010043266 03.02.2011</p> <p>(22) 26.07.2010</p> <p>(54) MODULAR HEMOFILTRATION APPARATUS FOR CARRYING OUT NEONATAL AND PEDIATRIC CRRT</p> <p>(73) B. Braun Avitum AG</p> <p>(72) DELMAGE, Michael PETERS, Harold COOPER, Tommy MACHA, Steve</p> <p>(31) 228870 P</p> <p>(32) 27.07.2009</p>	<p>(33) United States of America</p> <hr/> <p>(51) A61M 39/10 F16L 37/084 F16L 37/14 A61B 5/022 F16L 33/30</p> <p>(11) EP2848280</p> <p>(21) EP14184396.1</p> <p>(47) 01.05.2019</p> <p>(22) 11.09.2014</p> <p>(54) Female connector component</p> <p>(73) Nordson Corporation</p> <p>(72) Lombardi III, Frank J. Sjodin, Derrick S.</p> <p>(31) 201361877673 P 201414474676</p> <p>(32) 13.09.2013 02.09.2014</p> <p>(33) United States of America United States of America</p> <hr/> <p>(51) A61M 39/26 A61M 5/158 A61M 5/142 A61M 5/14</p> <p>(11) EP2254622</p> <p>(21) EP09707113.8</p> <p>(47) 01.05.2019</p> <p>(87) EP2009051399 13.08.2009</p> <p>(22) 06.02.2009</p> <p>(54) INSERTER ASSEMBLY</p> <p>(73) Unomedical A/S</p> <p>(72) HØRDUM, Elo, Lau GYRN, Steffen HICKMOTT, Richard, Morgan MORTON, Alistair, David HASTED, Søren, Bo JEPPESEN, Henrik</p> <p>(31) 200800185 27125 P 200800202 28259 P 200800203 28262 P 30022 P 200800240 200800262 31227 P 187971 95379 P</p> <p>(32) 08.02.2008 08.02.2008 13.02.2008 13.02.2008 13.02.2008 13.02.2008 20.02.2008 21.02.2008 25.02.2008 25.02.2008 07.08.2008 09.09.2008</p> <p>(33) Denmark United States of America Denmark United States of America Denmark United States of America</p>	<p>United States of America Denmark Denmark United States of America United States of America United States of America</p> <hr/> <p>(51) A61N 1/00 A61F 2/02 A61K 35/56 A61L 27/38 A61B 18/04 A61B 18/18</p> <p>(11) EP3003461</p> <p>(21) EP14807116.0</p> <p>(47) 01.05.2019</p> <p>(87) US2014040957 11.12.2014</p> <p>(22) 04.06.2014</p> <p>(54) SYSTEMS AND DEVICES FOR REDUCING THE LUMINAL SURFACE AREA OF THE GASTROINTESTINAL TRACT</p> <p>(73) Fractyl Laboratories, Inc.</p> <p>(72) RAJAGOPALAN, Harith CAPLAN, Jay FLAHERTY, R., Maxwell FLAHERTY, J., Christopher</p> <p>(31) 201361831025 P</p> <p>(32) 04.06.2013</p> <p>(33) United States of America</p> <hr/> <p>(51) A61N 1/05</p> <p>(11) EP2729213</p> <p>(21) EP12733359.9</p> <p>(47) 01.05.2019</p> <p>(87) US2012044028 10.01.2013</p> <p>(22) 25.06.2012</p> <p>(54) INSULATION AND STABILITY FEATURES FOR AN IMPLANTABLE MEDICAL LEAD</p> <p>(73) Cardiac Pacemakers, Inc.</p> <p>(72) SOLTIS, Brian D.</p> <p>(31) 201161505208 P</p> <p>(32) 07.07.2011</p> <p>(33) United States of America</p> <hr/> <p>(51) A61N 1/08 A61N 1/05</p> <p>(11) EP3156100</p> <p>(21) EP16194480.6</p> <p>(47) 01.05.2019</p> <p>(22) 30.08.2013</p> <p>(54) MRI COMPATIBLE LEAD COIL</p> <p>(73) Cardiac Pacemakers, Inc.</p> <p>(72) WALKER, Joseph REDDY, G. Shantanu ARNHOLT, Devon N. AMERI, Masoud</p> <p>(31) 201261695903 P</p> <p>(32) 31.08.2012</p> <p>(33) United States of America</p> <hr/> <p>(51) A61N 1/375 A61N 1/36 B23K 1/00 H01R 13/52 H04R 25/00</p> <p>(11) EP2853289</p> <p>(21) EP13186153.6</p> <p>(47) 01.05.2019</p>
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(22) 26.09.2013	MOLZAHN, Adam C.	(54) ANTI-PROTEIN CONVERTASE
(54) A device implantable under skin	O'NEAL, Charles D. III	SUBTILISIN KEXIN TYPE 9 (ANTI-
(73) Oticon Medical A/S	COOLEY, James	PCSK9) COMPOUNDS IN THE
(72) Turrel, Guillaume	(31) 201261707624 P	TREATMENT AND/OR PREVENTION OF
Bendsen, Henrik	(32) 28.09.2012	CARDIOVASCULAR DISEASES
(51) A61N 1/375	(33) United States of America	(73) Shifa Biomedical Corporation
A61N 1/368	(51) A61N 5/10	(72) ABDEL-MEGUID, Sherin Salaheldin
A61N 1/365	H05H 7/12	ELSHOURBAGY, Nabil
(11) EP3229894	(11) EP3342462	MEYERS, Harold
(21) EP15820921.3	(21) EP18150010.9	MOUSA, Shaker A.
(47) 01.05.2019	(47) 01.05.2019	(31) 201361788061 P
(87) US2015063650	(22) 27.09.2013	(32) 15.03.2013
16.06.2016	(54) ADJUSTING ENERGY OF A PARTICLE	(33) United States of America
(22) 03.12.2015	BEAM	(51) A61P 19/02
(54) COORDINATION OF VENTRICULAR	(73) Mevion Medical Systems, Inc.	A61K 47/10
PACING IN A LEADLESS PACING	(72) ZWART, Gerrit Townsend	A61K 9/00
SYSTEM	GALL, Kenneth P.	A61K 31/05
(73) Medtronic Inc.	VAN DER LAAN, Jan	A61K 36/185
(72) SAMBELASHVILI, Aleksandre, T.	ROSENTHAL, Stanley	A61K 31/047
CHO, Yong, K.	BUSKY, Michael	A61K 31/352
SHELDON, Todd, J.	O'NEAL III, Charles D.	(11) EP1765314
(31) 201414567609	FRANZEN, Ken Yoshiki	(21) EP05749393.4
(32) 11.12.2014	(31) 201261707515 P	(47) 01.05.2019
(33) United States of America	(32) 28.09.2012	(87) GB2005002233
(51) A61N 1/375	(33) United States of America	22.12.2005
H01R 13/52	(51) A61P 1/04	(22) 07.06.2005
H01R 13/621	A61K 35/745	(54) PHARMACEUTICAL COMPOSITIONS
H01R 13/629	A61K 35/747	FOR THE TREATMENT OF DISEASE
H01R 31/06	A23L 33/135	AND SYMPTOMS IN RHEUMATOID
(11) EP3060296	A61K 31/198	ARTHRITIS
(21) EP14796945.5	(11) EP2753343	(73) GW Pharma Limited
(47) 01.05.2019	(21) EP12780277.5	(72) ROBSON, P., Pharma Limited
(87) US2014061764	(47) 01.05.2019	GUY, G., Pharma Limited
30.04.2015	(87) IB2012001741	(31) 0412753
(22) 22.10.2014	14.03.2013	(32) 08.06.2004
(54) MEDICAL LEAD FASTENER	(22) 10.09.2012	(33) United Kingdom
INCLUDING INTEGRATED CLAMP	(54) COMPOSITION COMPRISING	(51) A61P 35/00
(73) Medtronic, Inc.	N-ACETYLCYSTEINE AND	A61P 29/00
(72) JANZIG, Darren A.	PROBIOTIC BACTERIA CAPABLE OF	A61P 9/00
(31) 201314063772	RESTORING THE STOMACH'S OWN	C07D 207/46
(32) 25.10.2013	BARRIER EFFECT WHICH IS LOST	C07D 209/12
(33) United States of America	DURING TREATMENT OF GASTRIC	A61K 47/60
(51) A61N 5/10	HYPERACIDITY WITH PROTON PUMP	A61K 47/55
(11) EP2692392	INHIBITORS	(11) EP3071238
(21) EP13178230.2	(73) Probiotal S.p.A.	(21) EP14830584.0
(47) 01.05.2019	(72) MOGNA, Giovanni.	(47) 01.05.2019
(22) 26.07.2013	(31) RM20110477	(87) IB2014066168
(54) Treatment planning system	(32) 09.09.2011	28.05.2015
(73) Hitachi, Ltd.	(33) Italy	(22) 19.11.2014
(72) Fujimoto, Rintaro	(51) A61P 3/06	(54) CONJUGATE COMPRISING INDOLE-3-
Nagamine, Yoshihiko	A61K 31/4015	CARBINOL FOR MEDICAL USE
Fujii, Yusuke	A61K 31/4045	(73) Dom Terry International S.r.l.
(31) 2012167903	A61K 31/415	(72) RASTRELLI, Luca
(32) 30.07.2012	A61K 31/4155	TERENZIO, Domenlco
(33) Japan	A61K 31/4178	(31) MI20131929
(51) A61N 5/10	A61K 31/4196	(32) 20.11.2013
H05H 7/12	A61K 31/42	(33) Italy
(11) EP2900326	A61K 31/426	(51) A61Q 5/06
(21) EP13783422.2	A61K 31/433	A61K 8/81
(47) 01.05.2019	A61K 31/4439	(11) EP3188801
(87) US2013062137	A61K 31/4545	(21) EP15730807.3
03.04.2014	A61K 31/5377	(47) 01.05.2019
(22) 27.09.2013	(11) EP2968266	(87) EP2015064184
(54) CONTROLLING PARTICLE THERAPY	(21) EP14770138.7	10.03.2016
(73) Mevion Medical Systems, Inc.	(47) 01.05.2019	(22) 24.06.2015
(72) GALL, Kenneth P.	(87) US2014022957	(54) PRODUCTS AND METHOD FOR THE
ROSENTHAL, Stanley	25.09.2014	TEMPORARY SHAPING OF KERATIN-
SOBCZYNSKI, Thomas C.	(22) 11.03.2014	CONTAINING FIBERS

(73) Henkel AG & Co. KGaA	B60R 21/26	(22) 06.06.2014
(72) LANGE, Julia, Bibiane	B63B 22/22	(54) Safety ski binding system
RICHTERS, Bernd	B63C 7/10	(73) Allmann, Andreas
BERMUDEZ AGUDELO, Maria, Catalina	B63C 9/125	(72) Allmann, Andreas
MARTINEZ, Cyrielle	B63C 9/18	(31) 102013009762
(31) 102014217602	(11) EP2616147	(32) 10.06.2013
(32) 03.09.2014	(21) EP11824653.7	(33) Germany
(33) Germany	(47) 01.05.2019	(51) A63C 11/26
(51) A61Q 5/12	(87) IB2011002176	(11) EP3323477
A61Q 5/02	22.03.2012	(21) EP16199352.2
A61K 8/73	(22) 14.09.2011	(47) 01.05.2019
A61K 8/34	(54) AIRBAG RESCUE SYSTEM	(22) 17.11.2016
A61K 8/25	(73) Amer Sports Canada Inc.	(54) A DEVICE FOR ADJUSTING A SKI BINDING
A61K 8/02	(72) BLENKARN, Michael Douglas	(73) No More Boots AB
A61K 8/04	FAYLE, Thomas Walker Clarke	(72) ARVIDSSON, Oscar
(11) EP2866897	ROSE, Gordon Thompson	PERSSON, Andreas
(21) EP13737070.6	(31) 382732 P	(51) A63C 19/06
(47) 01.05.2019	(32) 14.09.2010	A01D 34/00
(87) US2013048217	(33) United States of America	(11) EP3277391
03.01.2014	(51) A62C 2/12	(21) EP16712821.4
(22) 27.06.2013	(11) EP2239015	(47) 01.05.2019
(54) AEROSOL COMPOSITION COMPRISING A PARTICULATE TAPIOCA STARCH	(21) EP10305285.8	(87) EP2016056497
(73) The Procter & Gamble Company	(47) 01.05.2019	06.10.2016
(72) SWAILE, David, Frederick	(22) 23.03.2010	(22) 24.03.2016
TORRES RIVERA, Jazmin, Veronica	(54) Fire valve	(54) A DEVICE FOR MARKING NATURAL AND ARTIFICIAL GRASS AREAS
THOMAS, Michael, Edward	(73) Vraco SAS	(73) Mayordomo Vicente, Juan Miguel
(31) 201261664915 P	(72) Willoquet, Jean-Baptiste	(72) Mayordomo Vicente, Juan Miguel
(32) 27.06.2012	(31) 0952318	(31) 201514672253
(33) United States of America	(32) 09.04.2009	(32) 30.03.2015
(51) A61Q 13/00	(33) France	(33) United States of America
A45D 34/00	(51) A62C 33/06	(51) A63F 13/35
A61K 8/73	E06B 11/08	A63F 13/73
A61K 8/81	H02G 3/04	A63F 13/77
A61K 8/85	H02G 9/02	G06Q 50/00
A61K 8/87	H02G 9/04	(11) EP2447906
A61Q 19/10	E04F 15/02	(21) EP09840953.5
A61K 8/897	E04F 19/06	(47) 01.05.2019
A61K 8/02	E06B 1/70	(87) KR2009004533
(11) EP3218067	E04B 5/48	29.12.2010
(21) EP15795085.8	H02G 3/38	(22) 13.08.2009
(47) 01.05.2019	(11) EP3147001	(54) ONLINE GAME PROVIDING SYSTEM THROUGH STORAGE MEDIA AND METHOD THEREOF
(87) US2015058915	(21) EP16189955.4	(73) Nexon Corporation
19.05.2016	(47) 01.05.2019	(72) KIM, Dong-gun
(22) 04.11.2015	(22) 21.09.2016	(31) 20090057551
(54) PERSONAL CARE COMPOSITIONS AND HANGERS	(54) FLOOR PROTECTOR	(32) 26.06.2009
(73) The Procter & Gamble Company	(73) Integrated Design Limited	(33) Korea (Republic)
(72) MCCONAUGHY, Shawn, David	(72) Huff, Derek	(51) A63G 31/12
PERKINS, Justin, Scott	(31) 201517073	A63H 33/00
(31) 201462077648 P	(32) 28.09.2015	(11) EP3290091
(32) 10.11.2014	(33) United Kingdom	(21) EP17185767.5
(33) United States of America	(51) A63B 29/02	(47) 01.05.2019
(51) A61Q 17/04	(11) EP2898927	(22) 10.08.2017
A61K 8/44	(21) EP15151152.4	(54) BALL PIT APPARATUS
(11) EP1317918	(47) 01.05.2019	(73) Casdon Limited
(21) EP02292840.2	(22) 14.01.2015	(72) Cassidy, Paul
(47) 01.05.2019	(54) Device for fastening two mechanical connectors	(31) 201614654
(22) 14.11.2002	(73) Zedel	(32) 30.08.2016
(54) Cosmetic sunscreen compositions based on synergistic filter mixture and their use	(72) Coursimault, Antoine	(33) United Kingdom
(73) L'Oréal	(31) 1400121	(51) A63H 30/04
(72) Candau, Didier	(32) 22.01.2014	A63H 33/26
(31) 0115860	(33) France	(11) EP3064258
(32) 07.12.2001	(51) A63C 9/081	(21) EP15157964.6
(33) France	A63C 9/086	(47) 01.05.2019
(51) A62B 99/00	A43B 5/04	
B60R 21/18	(11) EP2821114	
	(21) EP14171541.7	
	(47) 01.05.2019	

(22) 06.03.2015	(32) 20.08.2013	HAERTL, Hans-Georg
(54) TOY, METHOD FOR CONTROLLING A TOY, AND COMPUTER PROGRAM PRODUCT	(33) United States of America	(51) B01D 39/20
(73) NXP B.V.	(51) B01D 21/24	B01D 46/00
(72) Borgaonkar, Swapnil	(11) EP1306116	B28B 3/20
Dixit, Harish	(21) EP02023529.7	C04B 38/06
Patange, Sreedhar	(47) 01.05.2019	F01N 3/022
Dandamudi, Srikanth	(22) 22.10.2002	C04B 35/565
(51) A63K 3/04	(54) APPARATUS FOR REMOVING PARTICLES FROM A FLUID STREAM	C04B 38/00
(11) EP3078404	(73) Smith & Loveless, Inc.	(11) EP3202478
(21) EP16164682.3	(72) Davis, Robert Jr.	(21) EP15846217.6
(47) 01.05.2019	Kelly, John K.	(47) 01.05.2019
(22) 11.04.2016	Weis, Frank G.	(87) JP2015077427
(54) BAR MADE UP OF A PLURALITY OF SECTIONS FOR LAYING OUT PUBLIC AND/OR PRIVATE SPACES, PARTICULARLY IN THE FIELD OF SPORT	(31) 14381	07.04.2016
(73) Anais France	(32) 26.10.2001	(22) 29.09.2015
(72) VANOTTI, Frédéric	(33) United States of America	(54) METHOD FOR PRODUCING HONEYCOMB FILTER
(31) 1553119	(51) B01D 35/147	(73) Ibiben Co., Ltd.
(32) 10.04.2015	B01D 35/30	(72) HASEGAWA, Jun
(33) France	B01D 27/10	YOSHIKAWA, Kyohei
(51) B01D 3/14	B01D 27/08	(31) 2014198667
C01B 33/107	C02F 1/42	(32) 29.09.2014
(11) EP3204134	C02F 1/28	(33) Japan
(21) EP15781326.2	C02F 103/20	(51) B01D 53/14
(47) 01.05.2019	(11) EP2866913	(11) EP2448654
(87) EP2015073195	(21) EP13809401.6	(21) EP10800288.2
14.04.2016	(47) 01.05.2019	(47) 01.05.2019
(22) 07.10.2015	(87) US2013047768	(87) US2010040340
(54) PURIFICATION OF CHLOROSILANES BY MEANS OF DISTILLATION AND ADSORPTION	03.01.2014	20.01.2011
(73) Wacker Chemie AG	(22) 26.06.2013	(22) 29.06.2010
(72) AIGNER, Maximilian	(54) MEDIA CARTRIDGE WITH ADJUSTABLE BYPASS	(54) ACID GAS SCRUBBING COMPOSITION
PAETZOLD, Uwe	(73) 3M Innovative Properties Company	(73) Nalco Company
PROCHASKA, Jan	(72) MCGIBBON, Donald L.	(72) BLAIR, Alan, M.
(31) 102014220539	BASSETT, Laurence W.	GARSDIE, Keith, N.
(32) 09.10.2014	(31) 201261666252 P	ANDREWS, William, J.
(33) Germany	(32) 29.06.2012	SAWANT, Kailas, B.
(51) B01D 11/00	(33) United States of America	(31) 494521
B82Y 30/00	(51) B01D 39/00	(32) 30.06.2009
B01D 11/02	B01D 46/00	(33) United States of America
B82Y 40/00	B01D 46/52	(51) B01D 53/14
C01B 32/166	(11) EP1996309	B01D 53/50
C01B 32/172	(21) EP07750687.1	C01F 11/02
C01B 32/174	(47) 01.05.2019	C01F 11/06
C01B 32/159	(87) US2007003865	B01D 53/83
B01D 21/26	30.08.2007	(11) EP2598229
(11) EP3036024	(22) 12.02.2007	(21) EP11719375.5
(21) EP14837608.0	(54) FILTER WITH DRAINED JACKET	(47) 01.05.2019
(47) 01.05.2019	(73) Baldwin Filters, Inc.	(87) IB2011050948
(87) CA2014050788	(72) MERRITT, Steven J.	02.02.2012
26.02.2015	(31) 357788	(22) 07.03.2011
(22) 18.08.2014	(32) 17.02.2006	(54) DIRECT USE OF CALCIUM OXIDE (CAO) IN THE DESULPHURIZATION OF FLUE GASES IN BOILERS WITH FLUIDIZED-BED TECHNOLOGY
(54) PROCESS FOR PURIFYING SEMICONDUCTING SINGLE-WALLED CARBON NANOTUBES	(33) United States of America	(73) Calcidrata S.p.A.
(73) National Research Council of Canada	(51) B01D 39/00	(72) MULAS, Guido
(72) DING, Jianfu	B01D 61/18	MULAS, Aldo
MALENFANT, Patrick	B01D 39/10	(31) CA20100008
LI, Zhao	(11) EP2750780	(32) 27.07.2010
LEFEBVRE, Jacques	(21) EP11752222.7	(33) Italy
CHENG, Fuyong	(47) 01.05.2019	(51) B01D 53/58
SIMARD, Benoit	(87) EP2011065244	B01J 29/76
(31) 201361867630 P	07.03.2013	B01J 29/85
	(22) 04.09.2011	B01J 29/70
	(54) DEBRIS FILTER FOR FLUIDIC MEASUREMENT WITH RECESS SIZE DECREASING IN FLUID FLOW DIRECTION	B01J 29/035
	(73) Agilent Technologies, Inc.	C01B 39/02
	(72) WITT, Klaus	C01B 39/54
		C01B 37/08
		B01J 29/83

B01J 35/02	B01D 61/02	(54) METHOD AND DEVICE FOR
C01B 39/46	B01D 67/00	GENERATING MICRO AND NANO
(11) EP2785644	(11) EP2684598	BUBBLES
(21) EP12801688.8	(21) EP12755214.9	(73) Sigma-Technology Inc.
(47) 01.05.2019	(47) 01.05.2019	(72) TACHIBANA, Yoshiaki
(87) US2012067485	(87) JP2012055549	TACHIBANA, Kousuke
06.06.2013	13.09.2012	HARADA, Kaoru
(22) 30.11.2012	(22) 05.03.2012	SASAJIMA, Souzou
(54) STABILIZED MICROPOROUS	(54) METHOD FOR IMPROVING BLOCKING	TAMAHASHI, Kunihiro
CRYSTALLINE MATERIAL, THE	RATE OF REVERSE OSMOSIS	HONMA, Kyoko
METHOD OF MAKING THE SAME, AND	MEMBRANE, AND USE OF A	MATUMOTO, Yuuki
THE USE FOR SELECTIVE CATALYTIC	TREATMENT AGENT FOR IMPROVING	(51) B01F 5/06
REDUCTION OF NOX	BLOCKING RATE OF A REVERSE	B01F 15/02
(73) PQ Corporation	OSMOSIS MEMBRANE	B01F 15/04
(72) LI, Hong-Xin	(73) Kurita Water Industries Ltd.	B01F 3/04
CORMIER, William E.	(72) KAWAKATSU, Takahiro	A23L 2/54
MODEN, Bjorn	AOKI, Tetsuya	B67D 1/00
(31) 201161566106 P	HAYAKAWA, Kunihiro	B67D 1/12
(32) 02.12.2011	(31) 2011051530	(11) EP2723481
(33) United States of America	2012035277	(21) EP12802311.6
(51) B01D 53/68	(32) 09.03.2011	(47) 01.05.2019
B01D 53/78	21.02.2012	(87) US2012043708
C01G 49/10	(33) Japan	27.12.2012
C01B 7/07	Japan	(22) 22.06.2012
C02F 1/72	(51) B01D 69/02	(54) FLOW COMPENSATOR
B01F 5/02	B01D 61/36	(73) Apiqe Inc.
B01F 5/10	B01D 71/32	Erigican, Erdogan
B01F 3/04	B01D 69/12	Huang, Jing
C01G 49/14	C02F 1/06	(72) ERIGICAN, Erdogan
C02F 1/74	B01D 3/14	HUANG, Jing
C23F 1/46	B01D 63/06	(31) 201161500461 P
C01G 49/00	B01D 69/14	(32) 23.06.2011
(11) EP2805920	C02F 1/04	(33) United States of America
(21) EP14169444.8	C02F 103/08	(51) B01F 11/00
(47) 01.05.2019	(11) EP1913795	B01L 99/00
(22) 22.05.2014	(21) EP06789437.8	(11) EP2669000
(54) Continuous Fe(III) production at atmospheric	(47) 01.05.2019	(21) EP13004188.2
pressures	(87) US2006030516	(47) 01.05.2019
(73) Tessenderlo Group NV	15.02.2007	(22) 03.11.2010
(72) Quénon, Philippe	(22) 03.08.2006	(54) Mixing device with a bearing for a holder
Peeters, Rudy	(54) MICROPOROUS MEMBRANE FOR	device, related mixing method and use of the
(31) 13168775	FLASH DISTILLATION	mixing device
13195781	(73) DONALDSON COMPANY, INC.	(73) EPPENDORF AG
(32) 22.05.2013	(72) PATEL, Kirit	(72) Schafnirski, Arne
05.12.2013	WHITE, Donald H.	Jacobs, Judith
(33) European Patent Office (EPO)	DAHLGREN, Andrew	Dürr, Florian
European Patent Office (EPO)	BRANDIMARTE, Richard	Stranzinger, Martin
(51) B01D 53/94	(31) 705275 P	(51) B01F 15/00
F01N 3/10	(32) 03.08.2005	B01F 1/00
F01N 3/28	(33) United States of America	(11) EP2950919
F01N 3/30	(51) B01F 3/04	(21) EP14703258.5
F01N 3/32	A61L 9/18	(47) 01.05.2019
F02B 37/00	B01F 5/02	(87) EP2014000215
(11) EP2924258	B01F 5/20	07.08.2014
(21) EP15159209.4	B08B 3/10	(22) 28.01.2014
(47) 01.05.2019	C02F 1/50	(54) METHOD FOR PROVIDING A
(22) 16.03.2015	C02F 1/72	CONCENTRATE
(54) EMISSION CONTROL IN RICH BURN	C02F 1/76	(73) Fresenius Medical Care Deutschland GmbH
NATURAL GAS ENGINES	C02F 1/78	(72) KOCH, Michael
(73) General Electric Company	D06F 35/00	EBERLEIN, Achim
(72) Devarakonda, Maruthi Narasinga Rao	(11) EP3009184	NOACK, Joachim
McDowell, Robert Earl	(21) EP13886736.1	(31) 102013001628
Spaulding, Dennis John	(47) 01.05.2019	201361758470 P
von der Ehe, James Kristopher	(87) JP2013066902	(32) 30.01.2013
(31) 201414226934	18.12.2014	30.01.2013
(32) 27.03.2014	(22) 13.06.2013	(33) Germany
(33) United States of America		United States of America
(51) B01D 65/10		(51) B01F 15/04

B01L 3/02	VARADARAJAN, Srinivasa Gopalan Rajan	(73) IKA - Werke GmbH & Co. KG
B32B 5/02	KOTHANDARAMAN, Parthasarathy	(72) ZELLER, Andreas
G01N 1/10	(31) 201314022543	EBLE, Erhard
(11) EP2976151	(32) 10.09.2013	(31) 102008029900
(21) EP14770970.3	(33) United States of America	(32) 24.06.2008
(47) 01.05.2019	(51) B01J 8/04	(33) Germany
(87) US2014030948	B01J 8/06	(51) B01J 19/24
25.09.2014	B01J 20/02	(11) EP2254695
(22) 18.03.2014	B01J 20/04	(21) EP09710563.9
(54) PIPETTE TIP CONTAINING REAGENT	B01J 20/08	(47) 01.05.2019
PAD	B01J 20/32	(87) EP2009051539
(73) Siemens Healthcare Diagnostics Inc.	B01J 21/04	20.08.2009
(72) PROFITT, James A.	B01J 23/66	(22) 11.02.2009
(31) 201361803629 P	B01J 23/68	(54) APPARATUS AND METHOD FOR THE
(32) 20.03.2013	B01J 27/24	MANUFACTURE OF NANOPARTICLES
(33) United States of America	B01J 27/25	(73) Fraunhofer-Gesellschaft zur Förderung der
(51) B01J 2/14	C07D 301/10	angewandten Forschung e.V.
B01J 2/24	B01D 53/04	(72) WELLER, Horst
(11) EP2554250	B01J 20/30	NIEHAUS, Jan
(21) EP11759143.8	B01J 20/28	(31) 0803378
(47) 01.05.2019	(11) EP2155375	(32) 11.02.2008
(87) JP2011054431	(21) EP08755552.0	(33) United Kingdom
29.09.2011	(47) 01.05.2019	(51) B01J 19/24
(22) 22.02.2011	(87) US2008063722	(11) EP2401068
(54) METHOD FOR GRANULATING	27.11.2008	(21) EP10746917.3
POWDER, AND GRANULATION DEVICE	(22) 15.05.2008	(47) 01.05.2019
(73) Japan Atomic Energy Agency	(54) A REACTOR SYSTEM, AN ABSORBENT	(87) US2010025596
Nara Machinery Co., Ltd.	AND A PROCESS FOR REACTING A	02.09.2010
(72) IWAMATSU, Hidetoshi	FEED	(22) 26.02.2010
KATO, Yoshiyuki	(73) Shell Internationale Research Maatschappij	(54) HONEYCOMB BODY REACTOR
YOSHIMOTO, Katsunobu	B.V.	OPTIMIZED CHANNEL SIZING
KURITA, Tsutomu	(72) MATUSZ, Marek	(73) Corning Incorporated
SUZUKI, Masahiro	(31) 938890 P	(72) CHEN, Peng
ISHII, Katsunori	(32) 18.05.2007	JIANG, Yi
KIHARA, Yoshiyuki	(33) United States of America	SUTHERLAND, James, S.
(31) 2010073611	(51) B01J 13/02	WOODFIN, Andrew, D.
(32) 26.03.2010	A61K 9/51	(31) 156499 P
(33) Japan	(11) EP3024566	(32) 28.02.2009
(51) B01J 8/02	(21) EP14750579.6	(33) United States of America
F28D 7/16	(47) 01.05.2019	(51) B01J 20/26
F28F 9/26	(87) FR2014051922	B01D 53/50
(11) EP2424651	29.01.2015	B01D 53/64
(21) EP10710343.4	(22) 24.07.2014	B01D 53/81
(47) 01.05.2019	(54) MULTICOMPARTMENTAL LIPID	(11) EP3261750
(87) EP2010053952	NANOPARTICLES	(21) EP16721274.5
04.11.2010	(73) Centre National de la Recherche Scientifique	(47) 01.05.2019
(22) 25.03.2010	(CNRS)	(87) US2016019446
(54) Isothermal tube reactor	Universite Paris-Sud	01.09.2016
(73) CASALE SA	(72) FAIVRE, Vincent	(22) 25.02.2016
(72) RIZZI, Enrico	LESIEUR, Sylviane	(54) A FLUE GAS PURIFICATION SYSTEM
FILIPPI, Ermanno	OLLIVON, Michel	AND PROCESS USING A SORBENT
TAROZZO, Mirco	OUATTARA, Modibo	POLYMER COMPOSITE MATERIAL
MONTINI, Fabiano	TRUONG CONG, Tri	(73) W. L. Gore & Associates, Inc.
(31) 09159069	(31) 1357363	(72) HARDWICK, Steve
(32) 29.04.2009	(32) 25.07.2013	LU, Xiao-Chun
(33) European Patent Office (EPO)	(33) France	(31) 201562126080 P
(51) B01J 8/04	(51) B01J 19/00	201615051853
(11) EP3043901	B01F 15/04	(32) 27.02.2015
(21) EP14843655.3	G01G 19/30	24.02.2016
(47) 01.05.2019	G01G 21/23	(33) United States of America
(87) US2014053848	(11) EP2291234	United States of America
19.03.2015	(21) EP09768872.5	(51) B01J 21/06
(22) 03.09.2014	(47) 01.05.2019	B01J 32/00
(54) SPLIT FEED REACTOR BED IN	(87) EP2009003383	B01J 35/00
HYDROTREATER DEVICE	30.12.2009	B01D 53/86
(73) UOP LLC	(22) 13.05.2009	F01N 3/28
(72) BANERJEE, Soumendra M.	(54) LABORATORY REACTOR WITH A	(11) EP2875859
HOEHN, Richard K.	REACTION VESSEL	(21) EP14194030.4

(47) 01.05.2019	FOR HYDROGENATION TREATMENT	(54) METHOD FOR MAKING A CATALYTIC
(22) 20.11.2014	OF HEAVY HYDROCARBON OIL	EXTRUDED, SOLID HONEYCOMB
(54) Catalyst support body	(73) Cosmo Oil Co., Ltd.	BODY
(73) RGenau Industries KG	(72) OSAKI Takayuki	(73) Johnson Matthey Public Limited Company
(72) Genau, Rico	NAKAJIMA Nobumasa	(72) BAUER, Juergen
(31) 202013105277 U	(31) 2013201801	DOTZEL, Ralf
(32) 21.11.2013	(32) 27.09.2013	JODLAUK, Joerg Walter
(33) Germany	(33) Japan	LEPELT, Rainer
(51) B01J 21/16	(51) B01J 27/26	MUENCH, Jorg Werner
B01J 37/00	B01J 37/10	(31) 201401139
B01J 37/06	C08G 65/26	(32) 23.01.2014
C10G 11/05	(11) EP2490805	(33) United Kingdom
(11) EP2008711	(21) EP10766243.9	(51) B01J 29/85
(21) EP07715160.3	(47) 01.05.2019	B01D 53/86
(47) 01.05.2019	(87) EP2010006002	B01D 53/94
(87) JP2007054066	28.04.2011	B01J 35/04
27.09.2007	(22) 01.10.2010	B01J 35/06
(22) 02.03.2007	(54) CONDITIONING OF DOUBLE METAL	B01J 35/10
(54) CRACKING CATALYST, PROCESS	CYANIDE CATALYSTS	B01J 37/00
FOR PREPARATION THEREOF, AND	(73) BASF SE	B01J 37/08
PROCESS FOR CATALYTIC CRACKING	(72) SHISHKOV, Igor	B01J 37/30
OF HYDROCARBON OIL	ZARBAKSH, Sirus	C01B 37/08
(73) Petroleum Energy Center	ADELMANN, Ronald	C01B 39/54
COSMO OIL CO., LTD.	ROHDE, Wolfgang	B01J 35/02
(72) WATANABE, Katsuya	LÖFFLER, Achim	(11) EP2745933
(31) 2006079209	(31) 09013148	(21) EP11870891.6
(32) 22.03.2006	(32) 19.10.2009	(47) 01.05.2019
(33) Japan	(33) European Patent Office (EPO)	(87) JP2011068707
(51) B01J 23/50	(51) B01J 29/16	21.02.2013
B01J 27/10	B01J 31/34	(22) 18.08.2011
B01J 27/125	B01J 35/10	(54) HONEYCOMB STRUCTURE,
B01J 27/12	B01J 37/02	METHOD FOR MANUFACTURING
B01J 37/02	B01J 37/08	THE SAME, EXHAUST GAS
B01D 53/56	C10G 45/12	PURIFYING APPARATUS AND
B01D 53/94	(11) EP2979760	SILICOALUMINOPHOSPHATE
B01J 35/10	(21) EP14775155.6	PARTICLES
F01N 3/20	(47) 01.05.2019	(73) IBIDEN CO., LTD.
(11) EP2740533	(87) JP2014055266	(72) KUNIEDA, Masafumi
(21) EP13193113.1	02.10.2014	NISHIO, Yoshitoyo
(47) 01.05.2019	(22) 03.03.2014	(51) B01J 31/02
(22) 15.11.2013	(54) HYDROGENATION DESULFURIZATION	C07F 7/18
(54) METHOD FOR REMOVING NITROGEN	CATALYST FOR DIESEL OIL AND	(11) EP3221324
OXIDES IN EXHAUST GAS	HYDROGENATION TREATMENT	(21) EP15786984.3
(73) Hyundai Motor Company	METHOD FOR DIESEL OIL	(47) 01.05.2019
POSTECH Academy-Industry Foundation	(73) Cosmo Oil Co., Ltd.	(87) EP2015075139
(72) CHOUNG, Jin Woo	(72) NAKAJIMA Nobumasa	26.05.2016
NAM, In-Sik	HASHIMOTO Minoru	(22) 29.10.2015
KIM, Mun Kyu	YOSHINARI Motoki	(54) PRODUCTION OF ISOCYANATE
KIM, Pyung Soon	FUJIKAWA Takashi	FUNCTIONAL ORGANOSILANES
CHO, Byong-Kwon	(31) 2013062267	(73) Wacker Chemie AG
(31) 20120142981	(32) 25.03.2013	(72) STANJEK, Volker
(32) 10.12.2012	(33) Japan	ZANDER, Lars
(33) Korea (Republic)	(51) B01J 29/76	(31) 102014223823
(51) B01J 27/19	B01J 35/04	(32) 21.11.2014
B01J 35/02	B01J 37/00	(33) Germany
B01J 35/10	B01J 29/00	(51) B01J 31/12
C10G 45/08	B01J 29/04	B01J 37/16
C10G 65/04	B01D 53/94	B01J 35/10
B01J 23/887	B01J 37/02	C08G 64/20
(11) EP3050624	B01J 37/32	C08G 64/34
(21) EP14849796.9	(11) EP3096876	(11) EP3031522
(47) 01.05.2019	(21) EP15701408.5	(21) EP14858174.7
(87) JP2014075417	(47) 01.05.2019	(47) 01.05.2019
02.04.2015	(87) GB2015050150	(87) KR2014010304
(22) 25.09.2014	30.07.2015	07.05.2015
(54) HYDROGENATION TREATMENT	(22) 23.01.2015	(22) 30.10.2014
CATALYST FOR HEAVY		(54) ORGANIC ZINC CATALYST AND
HYDROCARBON OIL, AND METHOD		PREPARATION METHOD THEREOF

(73) LG Chem, Ltd.	LYU, Fengjiao	(47) 01.05.2019
(72) KANG, Seong Kyun	DERDA, Ratmir	(87) DK2015050369
CHO, Hyun Ju	(31) 201462068510 P	16.06.2016
KIM, Sung-Kyoung	201562191880 P	(22) 01.12.2015
LEE, Jong Won	(32) 24.10.2014	(54) AN APPARATUS FOR GRINDING
PARK, Seung Young	13.07.2015	PARTICULATE MATERIAL
CHOI, Hyeon	(33) United States of America	(73) FLSmidth A/S
(31) 20130132818	United States of America	(72) JENSEN, Lucas
20140148608	(51) B01L 3/00	(31) 201470773
20140148609	G01N 1/40	(32) 10.12.2014
(32) 04.11.2013	G01N 33/49	(33) Denmark
29.10.2014	(11) EP2882512	(51) B02C 13/14
29.10.2014	(21) EP13750666.3	B02C 13/20
(33) Korea (Republic)	(47) 01.05.2019	B02C 13/282
Korea (Republic)	(87) EP2013066550	(11) EP2529835
Korea (Republic)	13.02.2014	(21) EP12170392.0
(51) B01J 35/00	(22) 07.08.2013	(47) 01.05.2019
B01J 35/04	(54) METHOD AND SEPARATION DEVICE	(22) 01.06.2012
B01J 35/10	FOR SEPARATING A FILTRATE FROM A	(54) Device for mechanically separating material
B01J 37/02	SAMPLE FLUID	conglomerates from materials of various
C04B 38/00	(73) F.Hoffmann-La Roche AG	densities and/or consistency
(11) EP2737944	(72) HUEMER, Herfried	(73) TARTECH eco industries AG
(21) EP13194028.0	(31) 12179912	(72) Gronholz, Claus
(47) 01.05.2019	(32) 09.08.2012	(31) 102011050789
(22) 22.11.2013	(33) European Patent Office (EPO)	(32) 01.06.2011
(54) Honeycomb catalyst body	(51) B01L 3/02	(33) Germany
(73) NGK Insulators, Ltd.	(11) EP2799141	(51) B02C 13/28
(72) Aoki, Takashi	(21) EP14002517.2	B02C 13/06
(31) 2012264747	(47) 01.05.2019	(11) EP3325163
(32) 03.12.2012	(22) 06.12.2007	(21) EP16741940.7
(33) Japan	(54) LIQUID HANDLING DEVICE TO BE	(47) 01.05.2019
(51) B01L 3/00	ATTACHED TO A BOTTLE	(87) EP2016067548
(11) EP2646153	(73) BRAND GMBH + CO KG	26.01.2017
(21) EP11796881.8	(72) Böhm, Dieter	(22) 22.07.2016
(47) 01.05.2019	Ettig, Wolfgang	(54) ROTOR FOR AN IMPACT CRUSHER
(87) US2011062843	Mahler, Peter	(73) thyssenkrupp AG
07.06.2012	Schraut, Jürgen	thyssenkrupp Industrial Solutions AG
(22) 01.12.2011	Wohner, Roland	(72) STEINSTRÄTER, Daniel
(54) SAMPLE METERING DEVICE AND	(31) 202006018526 U	SHARIATZADEH, Khezr
ASSAY DEVICE WITH INTEGRATED	202006018527 U	(31) 102015213963
SAMPLE DILUTION	(32) 07.12.2006	(32) 23.07.2015
(73) Abbott Point of Care Inc.	07.12.2006	(33) Germany
(72) MILLER, Cary James	(33) Germany	(51) B02C 15/00
(31) 419489 P	Germany	B02C 23/10
(32) 03.12.2010	(51) B01L 7/00	B03C 1/10
(33) United States of America	B01L 3/00	B03C 1/20
(51) B01L 3/00	(11) EP3069791	(11) EP3265233
C01B 33/18	(21) EP16160789.0	(21) EP16706191.0
C07F 7/02	(47) 01.05.2019	(47) 01.05.2019
C12N 11/14	(22) 17.03.2016	(87) EP2016053905
G01N 35/08	(54) PCR MODULE, PCR SYSTEM HAVING	09.09.2016
G01N 15/14	THE SAME, AND METHOD OF	(22) 25.02.2016
C12Q 1/18	INSPECTING USING THE SAME	(54) VERTICAL ROLL MILL
B82Y 30/00	(73) OPTOLANE Technologies Inc.	(73) thyssenkrupp AG
B82Y 40/00	(72) Lee, Do Young	thyssenkrupp Industrial Solutions AG
(11) EP3209605	Jeon, In Gyun	(72) ASSMANN, Björn Olaf
(21) EP15852737.4	Choi, An Shik	SACHSE, Carsten
(47) 01.05.2019	Choi, Kyung Hak	(31) 102015203856
(87) US2015057237	(31) 20150037725	(32) 04.03.2015
28.04.2016	20160020053	(33) Germany
(22) 23.10.2015	(32) 18.03.2015	(51) B02C 15/04
(54) ASSAY METHOD WITH A	19.02.2016	B02C 15/00
FLUORINATED PICKERING EMULSION	(33) Korea (Republic)	(11) EP2777814
(73) The Board of Trustees of the Leland Stanford	Korea (Republic)	(21) EP12847541.5
Junior University	(51) B02C 4/02	(47) 01.05.2019
The Governors of the University of Alberta	B02C 4/28	(87) JP2012007187
(72) TANG, Sindy	(11) EP3229967	16.05.2013
PAN, Ming	(21) EP15804307.5	(22) 08.11.2012

(54) VERTICAL ROLLER MILL	(21) EP15849807.1	(87) US2012044648
(73) Kawasaki Jukogyo Kabushiki Kaisha	(47) 01.05.2019	03.01.2013
(72) TOKIOKA, Nobuo	(87) DE2015000578	(22) 28.06.2012
ANDO, Fuminori	09.06.2016	(54) PAINT CUP ASSEMBLY
ENDO, Akira	(22) 04.12.2015	(73) Saint-Gobain Abrasives, Inc.
HOTTA, Shigeru	(54) CENTRIFUGE HAVING A	Saint-Gobain Abrasifs
SUZUE, Bumpei	TEMPERATURE-CONTROLLED	(72) PELLEGRINO, Biagio P.
(31) PCT/JP2011/006325	BEARING	ZOELLNER, Clemens E.
(32) 11.11.2011	(73) Krettek, Guntram	NIXON, Thomas R.
(33) World Intellectual Property Office (WIPO)	(72) Krettek, Guntram	(31) 201161503504 P
(51) B03C 1/28	(31) 102014018058	(32) 30.06.2011
B03C 1/033	(32) 05.12.2014	(33) United States of America
B01L 9/06	(33) Germany	
(11) EP2160249	(51) B05B 1/08	(51) B05B 11/00
(21) EP08760241.3	B05B 1/14	B05B 12/08
(47) 01.05.2019	(11) EP2544826	B05B 15/30
(87) EP2008056650	(21) EP11713875.0	(11) EP3126059
04.12.2008	(47) 01.05.2019	(21) EP15725710.6
(22) 29.05.2008	(87) IL2011000201	(47) 01.05.2019
(54) A MAGNETIC SEPARATION DEVICE	15.09.2011	(87) FR2015050841
(73) Life Technologies AS	(22) 01.03.2011	08.10.2015
(72) ELLIS, DARREN	(54) A PULSATING SPRAY DEVICE	(22) 31.03.2015
HILDISCH, TINE BORGEN	(73) Netafim Ltd.	(54) DISPENSING SYSTEM FOR DISPENSING
MUNDY, JEZ	(72) KEREN, Ron	A LIQUID OR VISCOUS PRODUCT
RAGNHILDSTVEIT, ERLEND	(31) 311334 P	COMPRISING A PRODUCT BUFFER
TOFTEN, RICHARD JOHAN	(32) 07.03.2010	(73) Platel, Frédéric
ZGONC, KORNELIJA	(33) United States of America	(72) Platel, Frédéric
KARLSON, MALIN	(51) B05B 1/18	(31) 1400806
BREDE, GAUTE	B05B 15/654	(32) 31.03.2014
NOKLEBY, LARS	(11) EP3162447	(33) France
(31) 0710188	(21) EP16196223.8	(51) B05B 11/00
0710189	(47) 01.05.2019	G01F 11/02
940629 P	(22) 28.10.2016	B67B 7/00
940614 P	(54) AUTOMATIC ADJUSTABLE	B67D 7/02
0724426	SHOWERHEAD	(11) EP2155575
0724404	(73) Beijing Kohler Ltd.	(21) EP08770514.1
14624	(72) HUANG, Guangyin	(47) 01.05.2019
14627	(31) 201520845076 U	(87) US2008066336
(32) 29.05.2007	(32) 28.10.2015	18.12.2008
29.05.2007	(33) China	(22) 09.06.2008
29.05.2007	(51) B05B 7/04	(54) FLUID DISPENSING APPARATUS AND
29.05.2007	A61L 9/14	METHOD
14.12.2007	B05B 1/04	(73) Diversey, Inc.
14.12.2007	B05B 7/08	(72) CROSSDALE, Garry, W.
18.12.2007	B05B 7/24	SWAIN, Andrew
18.12.2007	B05B 15/70	COOPER, Martin
(33) United Kingdom	B05B 15/55	BERTUCCI, Michael, H.
United Kingdom	B05B 15/555	HAGUE, Barry
United States of America	A61L 2/22	THORNHILL, Guy
United States of America	(11) EP3007830	(31) 023158 P
United Kingdom	(21) EP14747303.7	933885 P
United Kingdom	(47) 01.05.2019	(32) 24.01.2008
United States of America	(87) EP2014061433	08.06.2007
United States of America	18.12.2014	(33) United States of America
(51) B04B 5/04	(22) 03.06.2014	United States of America
(11) EP3311925	(54) AN IMPROVED MIST-GENERATING	
(21) EP16195366.6	DEVICE	(51) B05C 5/00
(47) 01.05.2019	(73) 3M Innovative Properties Company	B05C 11/10
(22) 24.10.2016	(72) DOSWELL, David	B05D 1/30
(54) CENTRIFUGE BUCKET AND	FRENCH, James	B05D 3/00
CENTRIFUGE	(31) 201310576	B05D 7/00
(73) Sigma Laborzentrifugen GmbH	(32) 13.06.2013	B05D 3/04
(72) Bittner, Matthias	(33) United Kingdom	B05C 15/00
(51) B04B 9/12	(51) B05B 7/24	(11) EP2474369
F16C 37/00	B05B 15/00	(21) EP10811687.2
F16C 19/52	(11) EP2726214	(47) 01.05.2019
F16C 35/04	(21) EP12805077.0	(87) JP2010063495
(11) EP3227028	(47) 01.05.2019	03.03.2011
		(22) 09.08.2010
		(54) CURTAIN COATING METHOD

(73) Voith Patent GmbH	(51) B05D 5/06	IYER, Subramanian, Easwaran
(72) Morita, Hirofumi	C07F 7/18	MERCER, James, Wilson, Jr.
HIRANO, Akio	C07F 7/10	SALYER, David, Gayle
KOHNO, Hiroyuki	C07F 7/08	(31) 503675
KATANO, Toshihiro	C07F 7/22	81201 P
(31) 2009200349	C08G 61/12	(32) 15.07.2009
(32) 31.08.2009	C08G 77/50	16.07.2008
(33) Japan	C09D 5/24	(33) United States of America
(51) B05C 17/005	C09D 181/02	United States of America
B05C 17/01	C08G 75/06	(51) B07B 1/46
(11) EP2727656	H01B 1/12	B07B 1/48
(21) EP13190975.6	(11) EP2875033	(11) EP2136936
(47) 01.05.2019	(21) EP13823696.3	(21) EP08730825.0
(22) 31.10.2013	(47) 01.05.2019	(47) 01.05.2019
(54) STORAGE AND DISPENSING DEVICE	(87) US2013051558	(87) US2008055106
(73) Sonoco Development, Inc.	30.01.2014	25.09.2008
(72) Melia, Paul M.	(22) 23.07.2013	(22) 27.02.2008
(31) 201213670112	(54) ELECTROCHROMIC COPOLYMERS	(54) SCREEN MACHINE AND METHOD FOR
(32) 06.11.2012	FROM PRECURSORS, METHOD OF	SCREENING
(33) United States of America	MAKING, AND USE THEREOF	(73) Derrick Corporation
(51) B05C 19/04	(73) The University of Connecticut Helth Center	(72) WOJCIECHOWSKI, Keith, F.
B05C 19/06	(72) SOTZING, Gregory Allen	NEWMAN, Christian
B05C 9/06	(31) 201261674477 P	(31) 726589
B05C 19/02	(32) 23.07.2012	(32) 21.03.2007
(11) EP3065883	(33) United States of America	(33) United States of America
(21) EP14799321.6	(51) B05D 7/00	(51) B07C 5/02
(47) 01.05.2019	B32B 5/02	(11) EP3041615
(87) CH2014000159	C08J 5/24	(21) EP13762397.1
07.05.2015	C09J 5/02	(47) 01.05.2019
(22) 04.11.2014	B29C 70/54	(87) DK2013050283
(54) DEVICE FOR SPREADING	B29C 65/48	12.03.2015
PULVERULENT PRODUCTS ONTO THE	B29C 65/50	(22) 06.09.2013
SURFACE OF MATERIAL WEBS	B29C 65/00	(54) METHOD FOR INDUCTING AND
(73) Strahm Textile Systems AG	B32B 5/12	SINGULATING ITEMS TO A SORTER
(72) NIKLAUS, Michael	B32B 7/06	(73) Beumer Group A/S
(31) 18482013	B32B 7/12	(72) STAUN, Jørgen
(32) 04.11.2013	B32B 27/20	LYKKEGAARD, Uffe
(33) Switzerland	B32B 37/12	(51) B08B 3/10
(51) B05D 5/00	C09J 163/00	A46B 3/00
B05D 7/14	(11) EP3036049	B23K 37/08
B32B 15/082	(21) EP14742664.7	C25F 1/00
C09D 129/04	(47) 01.05.2019	A46B 11/06
C09D 133/02	(87) US2014044828	(11) EP3142804
C09D 133/24	26.02.2015	(21) EP15793210.4
C09D 171/02	(22) 30.06.2014	(47) 01.05.2019
F28F 1/32	(54) BONDING OF COMPOSITE MATERIALS	(87) AU2015050236
F28F 13/18	(73) Cytec Industries Inc.	19.11.2015
B05D 7/24	(72) MACADAMS, Leonard	(22) 12.05.2015
(11) EP3187271	KOHLI, Dalip, K.	(54) ELECTROLYTIC BRUSH ASSEMBLY
(21) EP15815880.8	(31) 201361868640 P	(73) Ensitech IP Pty Ltd
(47) 01.05.2019	(32) 22.08.2013	(72) WHITE, Clive Stuart
(87) JP2015067084	(33) United States of America	FISCHER, Mark Robert
07.01.2016	(51) B05D 7/08	(31) 2014901750
(22) 12.06.2015	B05D 7/00	(32) 12.05.2014
(54) METHOD FOR COATING ALUMINUM	(11) EP2310145	(33) Australia
FIN MATERIAL WITH HYDROPHILIC	(21) EP09788922.4	(51) B08B 9/08
FILM, ALUMINUM FIN MATERIAL,	(47) 01.05.2019	B08B 6/00
AND ALUMINUM HEAT EXCHANGER	(87) US2009004107	B08B 7/00
(73) UACJ Corporation	21.01.2010	B01D 53/32
(72) SAKATA, Yosuke	(22) 16.07.2009	B01D 53/66
TAGO, Masako	(54) PROCESS FOR COATING A WOOD OR	(11) EP3254771
SEKO, Yoshiya	WOOD COMPOSITE ARTICLE AND	(21) EP17171232.6
SASAZAKI, Mikine	ARTICLE COATED BY THE PROCESS	(47) 01.05.2019
SATO, Takahiro	(73) Eastman Chemical Company	(22) 11.06.2010
UEDA, Kaoru	(72) LIZOTTE, Jeremy, Richards	(54) METHOD FOR REMOVING GASEOUS
(31) 2014134168	WILSON, Caroline, Joan	OR VAPOROUS STERILANTS FROM A
(32) 30.06.2014	SHARPE, Emerson, Eston, Jr.	CARRIER GAS
(33) Japan	HELTON, Tony, Wayne	(73) STERIS Corporation

(72) CENTANNI, Michael, A. MIELNIK, Thaddeus, J.	(32) 18.03.2015 (33) Japan	(33) United States of America
(51) B09C 1/00 B09C 1/08	(51) B21D 22/00 G06F 17/50	(51) B21D 39/04 B25B 27/10
(11) EP2686119	(11) EP2749364	(11) EP2918354
(21) EP12713623.2	(21) EP12825292.1	(21) EP15157566.9
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) EP2012054501 20.09.2012	(87) JP2012005185 28.02.2013	(22) 04.03.2015
(22) 14.03.2012	(22) 17.08.2012	(54) Pressing attachment for axially pressing workpieces
(54) SOIL TREATMENT DEVICE AND USE THEREOF FOR TREATING CONTAMINATED SOIL AND/OR GROUNDWATER CONTAINED THEREIN	(54) METHOD AND DEVICE FOR CONFIRMING PRESS MOLDED PRODUCT SPRINGBACK COUNTERMEASURE EFFECT	(73) Viega Technology GmbH & Co. KG
(73) Vlaamse Instelling voor Technologisch Onderzoek NV (VITO NV) Ejlskov A/S	(73) JFE Steel Corporation	(72) Schröder, Klaus Stahlschmidt, Matthias Schmitt, Detlev Sinoplu, Sudi Bohr, Karsten Hartmann, Anton
(72) BASTIAENS, Leen STUBDRUP, Ole Pilgaard	(72) TOKITA, Yuichi ISHIWATARI, Akinobu	(31) 102014103213
(31) 11158152	(31) 2011180330	(32) 11.03.2014
(32) 14.03.2011	(32) 22.08.2011	(33) Germany
(33) European Patent Office (EPO)	(33) Japan	(51) B21D 41/02
(51) B21C 23/08 B21B 21/00 B21C 1/22 C22C 38/00 C22C 38/46 F16F 1/02	(51) B21D 26/039 B21D 26/041 B21D 26/045	(11) EP3342502
(11) EP2703097	(11) EP3342499	(21) EP16207430.6
(21) EP13191278.4	(21) EP16839372.6	(47) 01.05.2019
(47) 01.05.2019	(47) 01.05.2019	(22) 29.12.2016
(22) 14.03.2007	(87) JP2016075009 02.03.2017	(54) ROTARY PIPE SIZING TOOL
(54) Process for manufacturing seamless steel pipe	(22) 26.08.2016	(73) Yung Chi Industry Co., Ltd.
(73) NHK Spring Co., Ltd. Shinko Metal Products Co., Ltd.	(54) MOLDING DEVICE AND MOLDING METHOD	(72) HUANG, WU-SHENG
(72) Toyotake, Kotaro Minami, Tomoyuki Iwaya, Koji Takamura, Noritoshi	(73) Sumitomo Heavy Industries, Ltd. (72) SAIKA Masayuki ISHIZUKA Masayuki UENO Norieda	(51) B21D 53/78 F01D 5/28 B23P 15/04
(51) B21D 7/08	(31) 2015167780	(11) EP3347147
(11) EP3320994	(32) 27.08.2015	(21) EP16775806.9
(21) EP17400061.2	(33) Japan	(47) 01.05.2019
(47) 01.05.2019	(51) B21D 28/06	(87) FR2016052248 16.03.2017
(22) 09.11.2017	(11) EP3112042	(22) 08.09.2016
(54) DEVICE AND METHOD FOR TWO- OR THREE-DIMENSIONAL BENDING OF PROFILES BY MEANS OF ROLLING	(21) EP15174529.6	(54) METHOD FOR PRODUCING A PROTECTIVE REINFORCEMENT FOR A BLADE (P) HAVING A CURVED LEADING EDGE OR TRAILING EDGE
(73) Technische Universität Dortmund	(47) 01.05.2019	(73) Safran Aircraft Engines
(72) Tekkaya, Erman A. Meya, Rickmer	(22) 30.06.2015	(72) ONFRAY, Rémi, Philippe, Guy BRIEND, Maxime PELLETIER, Didier
(31) 102016013672	(54) PUNCHING TOOL AND METHOD	(31) 1558442
(32) 10.11.2016	(73) TRUMPF Werkzeugmaschinen GmbH + Co. KG	(32) 10.09.2015
(33) Germany	(72) WALZ, Martin COSKUN, Yakup HEES, Markus BURZIG, Thomas STEINER, Martin	(33) France
(51) B21D 17/04 B21D 15/06 F16L 17/02	(51) B21D 39/04 B21J 13/04 B25B 27/10	(51) B21K 1/05 B21D 39/00 B21J 9/02 B60B 35/02 F16C 19/18 F16C 33/64 F16C 35/063
(11) EP3269467	(11) EP1922161	(11) EP3059027
(21) EP16764812.0	(21) EP06789369.3	(21) EP14854303.6
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) JP2016057381 22.09.2016	(87) US2006030390 01.03.2007	(87) JP2014005021 23.04.2015
(22) 09.03.2016	(22) 03.08.2006	(22) 01.10.2014
(54) FORM-ROLLING DEVICE	(54) HYDRAULIC TOOL WORKING HEAD	(54) METHOD FOR PRODUCING WHEEL-SUPPORTING ROLLER BEARING UNIT
(73) NISSHIN STEEL CO., LTD.	(73) Hubbell Incorporated	(73) NSK Ltd.
(72) NISHIJIMA, Shinnosuke TOMIMURA, Kouki	(72) PETERSON, Jennifer FAUCHER, Thomas R. LEFAVOUR, John D. GONYAW, Stephen	(72) HAGIWARA, Nobuyuki
(31) 2015054191	(31) 213417	(31) 2013216425
	(32) 26.08.2005	(32) 17.10.2013
		(33) Japan

(51) B21K 7/12 B60G 7/00	(32) 25.06.2010	B22D 11/11
(11) EP2877353	(33) United States of America	B22D 11/12
(21) EP13758908.1	(51) B22C 9/10	B21B 1/46
(47) 01.05.2019	B29C 67/00	C22C 9/00
(87) FR2013051789 30.01.2014	(11) EP3024608	B21B 3/00
(22) 25.07.2013	(21) EP14742235.6	(11) EP3117932
(54) SUSPENSION ARM FOR MOTOR VEHICLE AND PROCESS FOR ITS MANUFACTURE	(47) 01.05.2019	(21) EP14885776.6
(73) Saint Jean Industries	(87) EP2014065932 29.01.2015	(47) 01.05.2019
(72) DI SERIO, Emile Thomas	(22) 24.07.2014	(87) JP2014081538 17.09.2015
(31) 1257262	(54) SALT CORES AND GENERATIVE PRODUCTION METHODS FOR PRODUCING SALT CORES	(22) 28.11.2014
(32) 26.07.2012	(73) Emil Müller GmbH	(54) COPPER INGOT, COPPER WIRE ROD, AND METHOD FOR PRODUCING COPPER INGOT
(33) France	(72) HARTIG, Thorsten	(73) Mitsubishi Materials Corporation
(51) B22C 1/22	(31) 102013214465	(72) MORI Satoru
B22C 1/10	(32) 24.07.2013	WATANABE Eiho
(11) EP2548674	(33) Germany	(31) 2014052593
(21) EP11756441.9	(51) B22C 9/24	(32) 14.03.2014
(47) 01.05.2019	B22D 18/06	(33) Japan
(87) JP2011056581 22.09.2011	B22D 25/02	(51) B22D 11/124
(22) 18.03.2011	B22D 17/24	B05B 1/04
(54) BINDER COMPOSITION FOR USE IN MOLD MANUFACTURING	B22C 9/06	B05B 7/04
(73) Kao Corporation	B22D 15/02	B22D 11/22
(72) YOSHIDA, Akira	B22D 19/00	B21B 45/02
MATSUO, Toshiki	(11) EP2829336	B05B 1/34
(31) 2010062946	(21) EP14178629.3	(11) EP3162461
(32) 18.03.2010	(47) 01.05.2019	(21) EP15811240.9
(33) Japan	(22) 25.07.2014	(47) 01.05.2019
(51) B22C 9/02	(54) A mold apparatus and a method for casting a cylinder block	(87) JP2015066302 30.12.2015
B22C 9/10	(73) Aichi Machine Industry Co., Ltd.	(22) 05.06.2015
B22C 9/24	(72) Nishikawa, Yoshinori	(54) SPRAY NOZZLE
(11) EP2509727	(31) 2013156144	(73) H. Ikeuchi & Co., Ltd.
(21) EP10793385.5	(32) 26.07.2013	(72) NAKANO, Hisatsugu
(47) 01.05.2019	(33) Japan	(31) 2014131817
(87) US2010059377 16.06.2011	(51) B22C 11/00	(32) 26.06.2014
(22) 08.12.2010	B22C 9/10	(33) Japan
(54) WAXLESS PRECISION CASTING PROCESS	B22C 11/04	(51) B22D 33/02
(73) Siemens Energy, Inc.	B22C 15/02	B22C 9/06
Mikro Systems, Inc.	B22C 11/10	B22D 23/00
(72) MERRILL, Gary B.	B22C 19/04	B22D 46/00
APPLEBY, Michael P.	B22C 9/02	(11) EP3162465
FRASER, Iain A.	(11) EP2596881	(21) EP15889239.8
KLINGER, Jill	(21) EP11809474.7	(47) 01.05.2019
PAULUS, John R.	(47) 01.05.2019	(87) JP2015072698 20.10.2016
(31) 267717 P 961621	(87) JP2011054535 26.01.2012	(22) 10.08.2015
(32) 08.12.2009	(22) 28.02.2011	(54) CASTING FACILITY
07.12.2010	(54) A FLASKLESS MOLDING METHOD AND A FLASKLESS MOLDING MACHINE	(73) Sintokogio, Ltd.
(33) United States of America	(73) Sintokogio, Ltd.	(72) FUNAKOSHI, Yukiyoishi
United States of America	(72) OYA, Toshihiko	KANEDA, Keishiro
(51) B22C 9/10	OGURA, Kazunori	(31) 2015082564
B22C 9/24	(31) 2010265222	(32) 14.04.2015
(11) EP2399693	2010226376	(33) Japan
(21) EP11250408.9	2010165694	(51) B22F 1/00
(47) 01.05.2019	(32) 29.11.2010	B22F 9/24
(22) 31.03.2011	06.10.2010	(11) EP2990137
(54) Contoured metallic casting core	23.07.2010	(21) EP14807300.0
(73) United Technologies Corporation	(33) Japan	(47) 01.05.2019
(72) Snyder, Daniel A.	Japan	(87) KR2014004966 11.12.2014
Santeler, Keith A.	Japan	(22) 03.06.2014
Learned, Amanda J.	(51) B22D 1/00	(54) METAL NANOPARTICLES
(31) 823165	B22D 11/00	(73) LG Chem, Ltd.
	B22D 11/06	(72) KIM, Kwanghyun
	B22D 11/108	HWANG, Gyo Hyun
	B22D 11/119	KIM, Sang Hoon

CHO, Jun Yeon	HEXEMER, Richard, L., Jr.	(73) United Technologies Corporation
(31) 20130065434	DONALDSON, Ian, W.	(72) MIRONETS, Sergey
(32) 07.06.2013	(31) 422464 P	SUHANI, Lulues
(33) Korea (Republic)	(32) 13.12.2010	PORRETTI, Louis
(51) B22F 1/00	(33) United States of America	(31) 201361779132 P
B22F 9/24	(51) B22F 3/087	(32) 13.03.2013
B82Y 30/00	B01J 19/08	(33) United States of America
(11) EP2882550	B22F 3/105	(51) B22F 3/105
(21) EP13774516.2	B30B 11/00	F01D 25/12
(47) 01.05.2019	B22F 3/16	B29C 64/153
(87) IN2013000492	C22C 21/00	B22F 5/04
20.02.2014	C22C 29/08	B22F 5/10
(22) 12.08.2013	C22C 29/10	B28B 1/00
(54) ONE POT PROCESS FOR THE	C22C 32/00	F01D 5/14
PREPARATION OF ULTRA-SMALL SIZE	C22C 14/00	F01D 5/18
TRANSITION METAL NANOPARTICLES	(11) EP3208015	F01D 5/28
(73) Council of Scientific & Industrial Research	(21) EP16382069.9	B33Y 10/00
(72) BHAGAVATULA, Prasad Lakshmi Vara	(47) 01.05.2019	B33Y 70/00
SETH, Jhumur	(22) 19.02.2016	F01D 9/06
(31) 1790DE2012	(54) METHOD OF SINTERING	F01D 9/04
(32) 11.08.2012	ELECTRICALLY CONDUCTING	(11) EP3135406
(33) India	POWDERS	(21) EP16182606.0
(51) B22F 1/00	(73) Fundación Tecnalia Research & Innovation	(47) 01.05.2019
B29C 67/00	Universidad de Sevilla	(22) 03.08.2016
B33Y 70/00	(72) MONTES MARTOS, Juan Manuel	(54) ADDITIVE LAYER MANUFACTURING
C22C 38/00	CINTAS FÍSICO, Jesús	(73) Rolls-Royce plc
C22C 38/48	GALLARDO FUENTES, José María	(72) Tucker, Matthew
C22C 38/50	DE PAULA GÓMEZ CUEVAS, Francisco	(31) 201514977
B22F 3/105	TORRES HERNÁNDEZ, Yadir	(32) 24.08.2015
B22F 3/16	AGOTE BELOQUI, Ínigo	(33) United Kingdom
C22C 33/02	LAGOS GÓMEZ, Miguel Ángel	(51) B22F 3/14
B22F 3/24	IRAZUSTA ARRUTI, Aitor	C22C 1/05
C22C 38/02	(51) B22F 3/105	C22C 29/06
C22C 38/04	B22F 5/00	C22C 29/02
C22C 38/06	B33Y 80/00	C22C 29/16
C22C 38/42	B33Y 10/00	(11) EP3256279
C22C 38/44	B33Y 30/00	(21) EP16707872.4
C22C 38/58	(11) EP3248719	(47) 01.05.2019
(11) EP3117934	(21) EP17172381.0	(87) FR2016050249
(21) EP15761951.1	(47) 01.05.2019	18.08.2016
(47) 01.05.2019	(22) 23.05.2017	(22) 05.02.2016
(87) JP2015057575	(54) METHOD AND APPARATUS FOR	(54) CERMET MATERIALS AND METHOD
17.09.2015	ADDITIVE MANUFACTURE OF AT	FOR MAKING SUCH MATERIALS
(22) 13.03.2015	LEAST ONE COMPONENT AREA OF A	(73) Office National d'Etudes et de Recherches
(54) PRECIPITATION-HARDENING	COMPONENT	Aéropatiales
STAINLESS STEEL POWDER AND	(73) MTU Aero Engines AG	(72) JULIAN-JANKOWIAK, Aurélie
SINTERED COMPACT THEREOF	(72) Ladewig, Alexander	HUG, Gilles
(73) Sanyo Special Steel Co., Ltd.	Bamberg, Joachim	(31) 1551002
(72) IKEDA Hiroki	Henkel, Benjamin	(32) 09.02.2015
NAGATOMI Yuichi	Bürger, Laura	(33) France
(31) 2014052499	(31) 102016209084	(51) B22F 5/08
2014054329	(32) 25.05.2016	B29C 65/00
(32) 14.03.2014	(33) Germany	B29C 65/46
18.03.2014	(51) B22F 3/105	B29D 15/00
(33) Japan	B29C 64/153	B29L 15/00
Japan	B29C 64/371	F16H 55/06
(51) B22F 1/00	B33Y 30/00	F16H 55/22
F02B 77/00	B33Y 40/00	F16H 57/04
(11) EP2651582	(11) EP2969321	B22F 3/24
(21) EP11848714.9	(21) EP14778329.4	(11) EP3050692
(47) 01.05.2019	(47) 01.05.2019	(21) EP16152723.9
(87) US2011064421	(87) US2014023528	(47) 01.05.2019
21.06.2012	09.10.2014	(22) 26.01.2016
(22) 12.12.2011	(22) 11.03.2014	(54) METHOD OF MAKING A WORM GEAR
(54) ALUMINUM ALLOY POWDER METAL	(54) UNINTERUPPTED FILTERING	(73) Steering Solutions IP Holding Corporation
WITH HIGH THERMAL CONDUCTIVITY	SYSTEM FOR SELECTIVE LASER	(72) Turek, Alan G.
(73) GKN Sinter Metals, LLC	MELTING POWDER BED ADDITIVE	Beyerlein, Jeffrey E.
(72) BISHOP, Donald, Paul	MANUFACTURING PROCESS	Von Matt, Niklaus A.

(31) 201514607304	(54) CUTTING TOOL WITH INSERT AND HOLDER	(72) OBERHEIM, Stephen, C.
(32) 28.01.2015		(31) 201113276019
(33) United States of America	(73) Kyocera Corporation	(32) 18.10.2011
(51) B22F 7/06	(72) KOBAYASHI, Youji	(33) United States of America
B22F 3/10	(31) 2009154341	(51) B23F 5/16
B22F 3/26	2009177724	(11) EP3274118
C22C 1/04	(32) 29.06.2009	(21) EP16711163.2
C22C 27/04	30.07.2009	(47) 01.05.2019
C22C 27/06	(33) Japan	(87) EP2016054842
H01H 33/662	Japan	29.09.2016
H01H 33/664	(51) B23B 27/04	(22) 08.03.2016
H01H 1/02	(11) EP2683510	(54) METHOD AND DEVICE FOR GEAR CUTTING WORK WHEELS BY MEANS OF GEAR SKIVING
B22F 7/00	(21) EP12721685.1	(73) Profilator GmbH & Co. KG
(11) EP3106249	(47) 01.05.2019	(72) BUCHHOLZ, Klaus
(21) EP15757944.2	(87) AT2012000055	HEINEMANN, Wolfgang
(47) 01.05.2019	13.09.2012	(31) 102015104500
(87) JP2015054258	(22) 08.03.2012	(32) 25.03.2015
11.09.2015	(54) CUTTING INSERT	(33) Germany
(22) 17.02.2015	(73) Ceratizit Austria Gesellschaft m.b.H.	(51) B23F 19/05
(54) METHOD FOR PRODUCING ELECTRODE MATERIAL	(72) FRIEDL, Roland	B23F 23/12
(73) Meidensha Corporation	SPIELMANN, Hannes	B24B 53/075
(72) KITAKIZAKI, Kaoru	(31) 1312011 U	(11) EP3022001
ISHIKAWA, Keita	(32) 09.03.2011	(21) EP14762090.0
HAYASHI, Shota	(33) Austria	(47) 01.05.2019
SUZUKI, Nobutaka	(51) B23C 5/20	(87) IB2014001313
HASEGAWA, Kosuke	B23C 5/10	22.01.2015
(31) 2014041158	(11) EP3208018	(22) 11.07.2014
(32) 04.03.2014	(21) EP15850041.3	(54) METHOD AND DEVICE FOR FINE MACHINING A TOOTHED WORKPIECE, AND PROGRAM FOR CONTROLLING SAID DEVICE
(33) Japan	(47) 01.05.2019	(73) The Gleason Works
(51) B22F 9/24	(87) JP2015079146	(72) REICHERT, Gerhard
B01J 2/10	21.04.2016	FUNKE, Walter
B22F 1/00	(22) 15.10.2015	SCHAUER, Engelbert
C22B 3/00	(54) CUTTING INSERT AND EXCHANGEABLE BLADE-TYPE ROTARY CUTTING TOOL	(31) 102013011941
C22B 15/00	(73) Tungaloy Corporation	(32) 17.07.2013
(11) EP2896476	(72) KUMOI, Haruki	(33) Germany
(21) EP13837294.1	(31) 2014211376	(51) B23K 1/00
(47) 01.05.2019	(32) 16.10.2014	B23K 1/08
(87) JP2013074756	(33) Japan	B23K 1/20
20.03.2014	(51) B23D 45/10	B23K 3/06
(22) 12.09.2013	B27B 5/075	B23K 101/36
(54) METHOD FOR MANUFACTURING METAL MICROPARTICLES	B23D 59/00	(11) EP3251779
(73) M. Technique Co., Ltd.	B27G 19/10	(21) EP17170958.7
(72) MAEKAWA, Masaki	(11) EP3263258	(47) 01.05.2019
ENOMURA, Masakazu	(21) EP17001066.4	(22) 15.05.2017
(31) 2012201027	(47) 01.05.2019	(54) DEVICE FOR PROVIDING A SOLDERING MEDIUM AND METHOD OF OPERATING SUCH A DEVICE
PCT/JP2012/075464	(22) 23.06.2017	(73) Meteor AG
2012288327	(54) METHODS AND APPARATUS FOR SAW BLADES ALIGNMENT	(72) DOSCH, Roman
2013024473	(73) Naldi, Valter	MEIER, Thomas
(32) 12.09.2012	(72) Naldi, Valter	(31) 102016208592
02.10.2012	(31) UA20164663	(32) 19.05.2016
28.12.2012	(32) 27.06.2016	(33) Germany
12.02.2013	(33) Italy	(51) B23K 1/00
(33) Japan	(51) B23D 51/02	B23K 35/28
World Intellectual Property Office (WIPO)	B25F 5/00	B23K 1/20
Japan	(11) EP2768623	B21D 53/02
Japan	(21) EP12781002.6	F28D 1/03
(51) B23B 27/00	(47) 01.05.2019	F28F 21/08
B23B 27/04	(87) US2012060774	B23K 101/14
B23B 29/04	25.04.2013	B21C 37/15
(11) EP2450135	(22) 18.10.2012	(11) EP2593269
(21) EP10794042.1	(54) HANDHELD ELECTRICAL POWER TOOL COMPRISING A SEMI-ACTIVE ANTI-VIBRATION SYSTEM	(21) EP11736034.7
(47) 01.05.2019	(73) Robert Bosch GmbH	
(87) JP2010060659	Oberheim, Stephen C.	
06.01.2011		
(22) 23.06.2010		

- (47) 01.05.2019
(87) EP2011061839
19.01.2012
(22) 12.07.2011
(54) PROCESS FOR MANUFACTURING
A FLUID CHANNEL FOR A HEAT
EXCHANGER MADE OF ALUMINIUM
(73) MAHLE Behr GmbH & Co. KG
(72) ENGLERT, Peter
GRÜNENWALD, Bernd
KURZ, Volker
(31) 102010031468
(32) 16.07.2010
(33) Germany

(51) B23K 1/00
B23K 35/36
B23K 35/362
B23K 35/02
H05K 3/34
(11) EP3151998
(21) EP15733861.7
(47) 01.05.2019
(87) GB2015051655
10.12.2015
(22) 05.06.2015
(54) USE OF AN IONIC LIQUID AS A
SOLDERING/BRAZING FLUX
(73) University of Leicester
(72) RYDER, Karl
BALLANTYNE, Andrew
HARRIS, Robert
ZALESKI, Christopher
(31) 201410093
(32) 06.06.2014
(33) United Kingdom

(51) B23K 1/00
C22C 9/02
C22C 9/04
C22C 13/00
B23K 35/26
B23K 35/30
B23K 35/362
B23K 35/02
(11) EP3186033
(21) EP15762933.8
(47) 01.05.2019
(87) EP2015069217
03.03.2016
(22) 21.08.2015
(54) SOLDERING PASTE AND PROCESS OF
COHESIVE CONNECTION
(73) Heraeus Deutschland GmbH & Co. KG
(72) FRITZSCHE, Sebastian
SCHULZE, Jürgen
TRODLER, Jörg
(31) 14182395
(32) 27.08.2014
(33) European Patent Office (EPO)

(51) B23K 1/08
B23K 3/06
B65G 47/22
(11) EP3174659
(21) EP15745731.8
(47) 01.05.2019
(87) US2015042021
04.02.2016
(22) 24.07.2015
(54) SOLDERING MODULE
(73) Illinois Tool Works Inc.
(72) COLIJN, Antonie Cornelis
(31) 102014110720
(32) 29.07.2014
(33) Germany

(51) B23K 9/02
B05B 5/00
B05B 5/025
B23K 9/04
B22F 3/105
B23K 9/23
B22F 7/06
B29C 67/00
B33Y 10/00
B23K 103/02
B23K 103/18
B23K 103/20
B23K 103/24
B23K 103/04
(11) EP3132877
(21) EP16183582.2
(47) 01.05.2019
(22) 10.08.2016
(54) SYSTEM AND METHOD FOR
ADDITIVE MANUFACTURING USING A
MECHANICAL OSCILLATION SYSTEM
(73) Illinois Tool Works, Inc.
(72) HOLVERSON, Todd E.
HSU, Christopher
(31) 201562206139 P
201615219003
(32) 17.08.2015
25.07.2016
(33) United States of America
United States of America

(51) B23K 9/235
B23K 9/028
B23K 9/23
B23P 6/00
B23K 9/00
G05B 19/18
E01B 31/18
B23K 9/095
B23K 101/26
(11) EP2661335
(21) EP12700551.0
(47) 01.05.2019
(87) EP2012050183
12.07.2012
(22) 06.01.2012
(54) AUTOMATON FOR RAIL
MAINTENANCE, AND
IMPLEMENTATION METHOD
(73) CTF France
(72) SAURON, Jean
(31) 1150105
(32) 06.01.2011
(33) France

(51) B23K 11/11
B23K 11/16
B23K 101/18
B23K 103/04
(11) EP3015213
(21) EP14817396.6
(47) 01.05.2019
(87) JP2014002797
31.12.2014
(22) 27.05.2014
(54) INDIRECT SPOT WELDING METHOD
(73) JFE Steel Corporation
(72) MATSUSHITA, Muneo
IKEDA, Rinsei
YOSHITAKE, Akihide
(31) 2013134028
(32) 26.06.2013
(33) Japan

(51) B23K 20/12
(11) EP2687314
(21) EP12760081.5
(47) 01.05.2019
(87) JP2012001847
27.09.2012
(22) 16.03.2012
(54) FRICTION STIR SPOT WELDING
DEVICE AND FRICTION STIR SPOT
WELDING METHOD
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) OKADA, Hideki
KASHIKI, Hajime
FUKUHARA, Kazumi
FUJIMOTO, Mitsuo
(31) 2011060854
(32) 18.03.2011
(33) Japan

(51) B23K 26/00
B23H 9/14
B23K 26/06
B23P 23/04
B23K 26/38
(11) EP3077148
(21) EP14816052.6
(47) 01.05.2019
(87) US2014068327
11.06.2015
(22) 03.12.2014
(54) SYSTEM FOR DRILLING SMALL
HOLES ; METHOD OF DRILLING A
HOLE ; ARTICLE OF MANUFACTURING
FOR PERFORMING DRILLING
(73) Microlution, Inc.
(72) HONEGGER, Andrew
PHILLIP, Andrew
BHATTACHARYYA, Onik
NOWOBILSKI, Grzegorz
(31) 201361911670 P
(32) 04.12.2013
(33) United States of America

(51) B23K 26/00
B23K 26/06
B23K 26/073
B23K 26/08
B23K 26/352
B23K 26/70
C21D 1/613
C21D 9/46
C21D 9/04
C21D 9/08
C21D 9/52
(11) EP3242959
(21) EP15701628.8
(47) 01.05.2019
(87) US2015010923
14.07.2016
(22) 09.01.2015

(54) INLINE LASER-BASED SYSTEM AND METHOD FOR THERMAL TREATMENT OF CONTINUOUS PRODUCTS	PESCHINA, Jürgen (31) 102015206237 (32) 08.04.2015 (33) Germany	(21) EP15777863.0 (47) 01.05.2019 (87) DE2015000442 31.03.2016
(73) Illinois Tool Works Inc. (72) TECCO, Dorival Goncalves	(51) B23K 26/36 F16K 17/16	(22) 01.09.2015
(51) B23K 26/03 (11) EP2978555 (21) EP14717184.7 (47) 01.05.2019 (87) IB2014000446 02.10.2014 (22) 28.03.2014	(11) EP2969371 (21) EP13723569.3 (47) 01.05.2019 (87) IT2013000073 18.09.2014 (22) 12.03.2013	(54) METHOD AND DEVICE FOR THE COMBINED PRODUCTION OF COMPONENTS BY MEANS OF INCREMENTAL SHEET FORMING AND ADDITIVE METHODS IN ONE CLAMPING SETUP
(54) WELDING PORTION INSPECTION METHOD AND INSPECTION DEVICE THEREFOR	(54) SAFETY DISCS AND METHOD (73) Donadon Safety Discs and Devices S.R.L. (72) MODENA, Mario	(73) Technische Universität Dortmund (72) Hölker-Jäger, Ramona Ben Khalifa, Nooman Tekkaya, A. Erman
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) KOBAYASHI, Hiroomi	(73) DONADON, Antonio Ruggero Sante	(31) 102014014202
(31) 2013072090 (32) 29.03.2013 (33) Japan	(51) B23K 26/38 B23K 26/08 B23K 26/14 B23K 26/06 B23K 26/064 B23K 26/142	(32) 22.09.2014 (33) Germany
(51) B23K 26/03 B23K 26/08 B23K 26/364 B23K 26/082 B23K 26/0622 B23K 26/352 (11) EP2755826 (21) EP12832320.1 (47) 01.05.2019 (87) US2012055825 21.03.2013 (22) 17.09.2012	(11) EP2760624 (21) EP12772412.8 (47) 01.05.2019 (87) IB2012001812 28.03.2013 (22) 18.09.2012	(51) B23P 15/00 B23P 23/04 B23P 17/00 B23Q 39/02 B23K 26/34 G05B 19/4099 B21D 22/16 B23K 37/04 B23K 26/08 B23K 26/00
(54) LASER CAPSULE MARKING SYSTEM AND METHOD	(54) LASER CUTTING SYSTEM AND METHOD OF LASER CUTTING (73) Align Technology, Inc. (72) CULP, James	(11) EP2785492 (21) EP12795803.1 (47) 01.05.2019 (87) EP2012074268 06.06.2013 (22) 03.12.2012
(73) Tri-Star Technologies (72) MUROKH, Igor	(31) 201113239173 (32) 21.09.2011 (33) United States of America	(54) MACHINING DEVICE BY COMBINED ADDITION OF MATERIAL AND SHAPING
(31) 201161535887 P (32) 16.09.2011 (33) United States of America	(51) B23K 35/30 B23K 1/00 B23K 35/02 B32B 15/01 C21D 9/50 C22C 19/00 C22C 19/03 B23P 6/00 B22F 7/06 C22C 1/04 C22C 19/05	(73) Centre National de la Recherche Scientifique (CNRS) Ecole Centrale De Nantes (72) HASCOET, Jean-Yves CARABIN, Gilles MOGNOL, Pascal
(51) B23K 26/04 B23K 26/06 (11) EP2621662 (21) EP10763131.9 (47) 01.05.2019 (87) EP2010005976 05.04.2012 (22) 30.09.2010	(11) EP3237144 (21) EP16711183.0 (47) 01.05.2019 (87) EP2016055395 22.09.2016 (22) 14.03.2016	(31) 1161126 (32) 02.12.2011 (33) France
(54) DEVICE AND METHOD FOR PROCESSING MATERIAL BY MEANS OF FOCUSED ELECTROMAGNETIC RADIATION	(54) NI-MN-CR-AL-TI-ALLOY, POWDER, PROCESS AND PART (73) Siemens Aktiengesellschaft (72) LAUX, Britta	(51) B23Q 16/04 H05K 13/00 B23Q 1/58 (11) EP3221084 (21) EP15831044.1 (47) 01.05.2019 (87) DE2015100480 26.05.2016 (22) 10.11.2015
(73) WaveLight GmbH (72) WARM, Berndt RIEDEL, Peter GORSCHBOTH, Claudia WOITTENNEK, Franziska	(31) 102015204726 (32) 16.03.2015 (33) Germany	(54) DEVICE FOR TRANSPORTING OBJECTS
(51) B23K 26/12 (11) EP3280561 (21) EP16710438.9 (47) 01.05.2019 (87) EP2016055903 13.10.2016 (22) 18.03.2016	(31) 102014116923 (32) 19.11.2014 (33) Germany	(73) HARTING Electronics GmbH (72) WÄRMKER, Karl
(54) METHOD OF VACCUM LASER WELDING OF AN AT LEAST TWO-PIECES WORKPIECE	(51) B23P 15/00 B21D 31/00 B23P 23/04 B23K 26/342 B23K 37/02 B23K 26/00 B23K 26/08 B23K 26/14	(31) 102014116923 (32) 19.11.2014 (33) Germany
(73) FELSOMAT GmbH & Co. KG (72) WITTE, Fabian	(11) EP3197633	(51) B24B 23/02 B24B 55/10 B24B 7/18 (11) EP2928643 (21) EP13802334.6 (47) 01.05.2019 (87) EP2013075556

12.06.2014	Japan	(11) EP3302889
(22) 04.12.2013	Japan	(21) EP16725473.9
(54) HAND-HELD GRINDING MACHINE	Japan	(47) 01.05.2019
(73) Flex-Elektrowerkzeuge GmbH	(51) B25B 27/10	(87) EP2016061398
(72) RÖCK, Dirk	A61M 25/00	01.12.2016
PANZER, Udo	B23P 19/02	(22) 20.05.2016
WALKER, Joachim	(11) EP2663428	(54) HANDHELD MACHINE TOOL HOUSING
(31) 102012111990	(21) EP11860226.7	(73) Hilti Aktiengesellschaft
(32) 07.12.2012	(47) 01.05.2019	(72) BURGER, Helmut
(33) Germany	(87) NO2011000342	(31) 15169325
(51) B24D 3/34	13.09.2012	(32) 27.05.2015
B24D 5/12	(22) 12.12.2011	(33) European Patent Office (EPO)
B24D 18/00	(54) TOOL FOR SIMPLIFYING	(51) B25F 5/02
B24D 3/06	ATTACHMENT OF HOSE TO NIPPLE	B25G 1/10
B23D 61/18	(73) Hoelsaeter, Geir	(11) EP2756928
(11) EP2785495	(72) Hoelsaeter, Geir	(21) EP14151084.2
(21) EP12816639.4	(31) 20110053	(47) 01.05.2019
(47) 01.05.2019	(32) 13.01.2011	(22) 14.01.2014
(87) AT2012000299	(33) Norway	(54) Portable tool with ergonomic handle
06.06.2013	(51) B25D 16/00	(73) ROBERT BOSCH GMBH
(22) 28.11.2012	B25F 5/00	(72) Barga, Hans
(54) GRINDING TOOL AND METHOD FOR	B23B 35/00	Leupert, Markus
PRODUCING SAME	(11) EP2629937	(31) 102013200576
(73) Tyrolit - Schleifmittelwerke Swarovski K.G.	(21) EP11761622.7	(32) 16.01.2013
(72) EGGER, Franz	(47) 01.05.2019	(33) Germany
(31) 17782011	(87) EP2011066891	(51) B25H 3/02
(32) 01.12.2011	26.04.2012	(11) EP3141354
(33) Austria	(22) 28.09.2011	(21) EP16184463.4
(51) B25B 15/00	(54) DRILLING MACHINE	(47) 01.05.2019
F16B 23/00	(73) Robert Bosch GmbH	(22) 17.08.2016
(11) EP3319759	(72) HECHT, Joachim	(54) EXTENSION DEVICE FOR EXPANDING
(21) EP16738105.2	KRAUS, Martin	THE SPACE OF A HOLDER AREA OF AN
(47) 01.05.2019	(31) 102010042682	ADAPTER DEVICE
(87) EP2016066053	(32) 20.10.2010	(73) Würth International AG
12.01.2017	(33) Germany	(72) KOCH, Simon
(22) 06.07.2016	(51) B25F 5/00	STARKE, Johannes
(54) SCREWING TOOL AND	(11) EP3335839	HOHL, Wolfgang
CORRESPONDING SCREW	(21) EP17207416.3	(31) 102015113597
(73) IPP Industries Sarl	(47) 01.05.2019	(32) 17.08.2015
(72) TISSIERES, Christian	(22) 14.12.2017	(33) Germany
(31) 15175761	(54) HANDHELD MACHINE TOOL	(51) B25H 3/02
(32) 07.07.2015	(73) Festool GmbH	B25H 3/06
(33) European Patent Office (EPO)	(72) Allgaier, Benjamin	A61B 50/20
(51) B25B 23/14	Huggenberger, Philipp	A61B 50/22
B25F 5/00	(31) 102016124685	A61B 50/30
B25B 21/00	102017100063	A61B 50/33
B25B 23/00	(32) 16.12.2016	A61B 50/34
(11) EP2205401	03.01.2017	A61B 50/00
(21) EP08836366.8	(33) Germany	(11) EP2892459
(47) 01.05.2019	Germany	(21) EP13763414.3
(87) JP2008068323	(51) B25F 5/00	(47) 01.05.2019
09.04.2009	(11) EP3325220	(87) US2013058441
(22) 02.10.2008	(21) EP16738747.1	13.03.2014
(54) POWER TOOL WITH FRICTION CLUTCH	(47) 01.05.2019	(22) 06.09.2013
(73) Koki Holdings Co., Ltd.	(87) EP2016066520	(54) MODULAR INSTRUMENT TRAY
(72) SATO, Shinichiro	26.01.2017	(73) Medtronic Xomed, Inc.
(31) 2007258241	(22) 12.07.2016	(72) PIZZATO, Michael
2008059293	(54) MANUAL MACHINE TOOL	BURTTRAM, Jerry
2008059294	(73) Hilti Aktiengesellschaft	(31) 201261698271 P
2008059295	(72) DRAGANIS, Antonios	(32) 07.09.2012
2008161034	MAYR, Florian	(33) United States of America
(32) 02.10.2007	BURGER, Helmut	(51) B25J 9/16
10.03.2008	BRAML, Georg	(11) EP2969400
10.03.2008	(31) 15177216	(21) EP14715480.1
10.03.2008	(32) 17.07.2015	(47) 01.05.2019
19.06.2008	(33) European Patent Office (EPO)	(87) US2014021801
(33) Japan	(51) B25F 5/02	09.10.2014
Japan		(22) 07.03.2014

(54) REDUCING ENERGY CONSUMPTION OF INDUSTRIAL ROBOTS BY USING NEW METHODS FOR MOTION PATH PROGRAMMING	(32) 17.12.2014 (33) Germany	(33) European Patent Office (EPO)
(73) Siemens Product Lifecycle Management Software Inc. Siemens Aktiengesellschaft	(51) B25J 15/00 B65G 47/08 B65G 47/90 B65G 47/26 B65B 35/36	(51) B26B 19/14 B26B 19/28 B26B 19/38 (11) EP3260251 (21) EP16176233.1 (47) 01.05.2019 (22) 24.06.2016
(72) FRISCHE, Matthias JUNGNICKEL, Frank	(11) EP2727689 (21) EP13187776.3 (47) 01.05.2019 (22) 08.10.2013	(47) 01.05.2019 (22) 24.06.2016 (54) CUTTER HEAD FOR PERSONAL CARE APPLIANCES
(31) 201361776386 P 201414197620	(22) 08.10.2013 (54) Arrangement comprising at least two handling devices assigned to a conveyor section for conveying articles and method for controlling such an arrangement	(73) Braun GmbH (72) Schuebel, Christian Kluge, Martin Fuellgrabe, Martin Staub, Andreas Lauber, Andreas Enzler, August Curtis, Raymond
(32) 11.03.2013 05.03.2014	(33) United States of America United States of America	
(51) B25J 9/16 G01C 21/20 G05D 1/02	(73) Kronos Aktiengesellschaft (72) Palumbo, Pino-Giuseppe (31) 102012219886	
(11) EP3343307 (21) EP16841053.8 (47) 01.05.2019 (87) JP2016003634 09.03.2017 (22) 08.08.2016	(32) 31.10.2012 (33) Germany (51) B25J 15/00 F16B 21/16 (11) EP3272474 (21) EP16002434.5 (47) 01.05.2019 (22) 16.11.2016	(51) B26B 19/14 B26B 19/38 (11) EP3088145 (21) EP14874411.3 (47) 01.05.2019 (87) CN2014072021 02.07.2015 (22) 13.02.2014
(54) MAPPING METHOD, LOCALIZATION METHOD, ROBOT SYSTEM, AND ROBOT	(54) QUICK RELEASE CONNECTION	(54) SHAVER, SHAVER CUTTING MESH AND PROCESS FOR MANUFACTURING SHAVER CUTTING MESH
(73) Panasonic Intellectual Property Corporation of America	(73) SAMEC S.R.L. (72) Scarlattelli, Nicola (31) 201600076505 (32) 25.07.2016 (33) Italy	(73) Wenzhou Runwe Electrical Appliance Co., Ltd. (72) YU, Guangmei (31) 201310714564 (32) 23.12.2013 (33) China
(72) NAKATA, Yohei TAKEUCHI, Kazuma SAITO, Masahiko HARADA, Naoyuki MATSUI, Shuhei WAKASUGI, Kensuke	(51) B25J 19/00 H02G 11/00 (11) EP2694257 (21) EP12713668.7 (47) 01.05.2019 (87) EP2012055715 04.10.2012 (22) 29.03.2012	(31) 201310714564 (32) 23.12.2013 (33) China (51) B26B 21/12 (11) EP3099453 (21) EP15703207.9 (47) 01.05.2019 (87) US2015013009 06.08.2015 (22) 27.01.2015
(31) 2015169412 2016134284	(54) GUIDE SYSTEM FOR SUPPLY LINES AND ROBOT HAVING A GUIDE SYSTEM	(54) SAFETY RAZOR WITH COMB AND INTEGRATED BLADE
(32) 28.08.2015 06.07.2016	(73) Igus GmbH (72) HERMEY, Andreas STEEGER, Ralf (31) 202011004786 U (32) 01.04.2011 (33) Germany	(73) Dryfhout Properties, LLC (72) DRYFHOUT, Matthew James (31) 201414170269 (32) 31.01.2014 (33) United States of America
(33) Japan Japan	(51) B26B 19/06 B26B 19/10 (11) EP3052277 (21) EP14777306.3 (47) 01.05.2019 (87) EP2014070739 09.04.2015 (22) 29.09.2014	(51) B26D 1/03 B26D 5/02 B26D 7/01 B26D 7/06 (11) EP1949805 (21) EP07025150.9 (47) 01.05.2019 (22) 27.12.2007
(51) B25J 9/16 G05B 19/409 A61B 34/30	(54) BLADE SET AND HAIR CUTTING APPLIANCE	(54) Device for cutting elongated products such as vegetables or fruit
(11) EP3233393 (21) EP15805152.4 (47) 01.05.2019 (87) EP2015078503 23.06.2016 (22) 03.12.2015	(73) Koninklijke Philips N.V. (72) STAPELBROEK, Martinus Bernardus BENNIK, Jan VAN DER SCHEER, Robbert Freerk Johan AITINK, Albert Jan RIPANDELLI, Remy (31) 13186874 (32) 01.10.2013	(73) Sormac B.V. (72) Haffmans, Hubertus Ernest Ferdinand Marie (31) 1033156 (32) 02.01.2007 (33) Netherlands (51) B26D 1/143 B65H 23/182 B65H 23/188
(54) METHOD FOR SAFE COUPLING AND DECOUPLING OF AN INPUT DEVICE		
(73) KUKA Deutschland GmbH		
(72) KELLER, Henrik FINKE, Markus GROCH, Anja HEINIG, Maximilian MARTINEZ, Horacio MEISSNER, Christian MILLER, Mario MÖNNICH, Holger NEFF, Thomas REICHL, Tobias SAUTHOFF, Nina SHAHIN, Osama THILMANN, Oliver WEGENER, Olaf		
(31) 102014226239		

B26D 1/24	(54) Sawmill comprising a sawmill blade	(47) 01.05.2019
B65H 23/26	lubrication system	(22) 09.09.2010
B26D 1/22	(73) Norwood Industries, Inc.	(54) Apparatus and method for surface treatment
(11) EP2684825	(72) Dale, Peter	of a body
(21) EP13176020.9	(31) 2687619	(73) Huntonit AS
(47) 01.05.2019	(32) 08.12.2009	(72) Torland, Kjell
(22) 11.07.2013	(33) Canada	(31) 20093015
(54) Sheet material supplying device	(51) B27D 5/00	(32) 17.09.2009
(73) TSUDAKOMA KOGYO KABUSHIKI	B27M 1/08	(33) Norway
KAISHA	(11) EP3090848	(51) B28B 7/00
(72) Nishimura, Isao	(21) EP16000136.8	B28B 7/24
(31) 2012156826	(47) 01.05.2019	B28B 7/34
(32) 12.07.2012	(22) 21.01.2016	(11) EP3077168
(33) Japan	(54) METHOD FOR MACHINING FLAT	(21) EP14828296.5
(51) B26D 3/16	WORKPIECES	(47) 01.05.2019
B26D 7/08	(73) IMA Klessmann GmbH	(87) IB2014066473
(11) EP3311965	Holzbearbeitungssysteme	11.06.2015
(21) EP17195028.0	(72) Ober-Sundermeyer, Heinz-Dieter	(22) 01.12.2014
(47) 01.05.2019	(31) 102015003811	(54) MOULD FOR BUILDING COATING
(22) 05.10.2017	(32) 24.03.2015	PRODUCTS AND METHOD FOR
(54) CUTTING-OFF MACHINE FOR	(33) Germany	MANUFACTURING SUCH COATING
THE CUTTING OF LOGS OF SHEET	(51) B27K 3/02	PRODUCTS
MATERIAL AND RELATIVE CUTTING	B27K 3/15	(73) Vortex Hydra S.r.l.
METHOD	C08H 8/00	(72) MERLI, Vittorio
(73) Paper Converting Machine Company Italia	C08K 3/08	SAVORELLI, Adriano
S.p.A.	C08K 5/17	(31) MI20132011
(72) BERTOLI BARSOTTI, Giovanni	C08L 1/28	(32) 02.12.2013
TAGLIASACCHI, Luca	D06M 15/09	(33) Italy
(31) 201600104428	D21H 17/26	(51) B28B 11/24
(32) 18.10.2016	(11) EP3237159	B01J 3/04
(33) Italy	(21) EP15736766.5	C04B 40/02
(51) B26D 7/32	(47) 01.05.2019	B01J 19/12
(11) EP3398741	(87) US2015038480	F22B 1/00
(21) EP18162694.6	30.06.2016	(11) EP2921272
(47) 01.05.2019	(22) 30.06.2015	(21) EP14818843.6
(22) 20.03.2018	(54) TREATED POROUS MATERIAL	(47) 01.05.2019
(54) DISC SLICING MACHINE WITH	(73) Dow Global Technologies LLC	(87) CN2014071958
RELEASABLY COUPLEABLE TRAY	(72) KING, Stephen W.	20.08.2015
(73) Bizerba SE & Co. KG	CHEN, Xue	(22) 11.02.2014
(72) Koch, Nikolaus	MALOTKY, David L.	(54) PUMP-AUTOCLAVE SYSTEM AND
(31) 102017109196	(31) 201462096046 P	STEAM AND PRESSURE SUPPLY
(32) 28.04.2017	(32) 23.12.2014	METHOD THEREOF
(33) Germany	(33) United States of America	(73) Liu, Kai
(51) B27B 9/02	(51) B27K 3/02	(72) Liu, Kai
B25F 5/00	B27K 3/15	(51) B29B 7/00
B25F 5/02	C08H 8/00	B29B 7/10
B27B 5/38	C08K 5/17	B29B 7/72
(11) EP2881229	C08K 5/18	B29B 7/82
(21) EP14003848.0	C08L 23/08	B29B 13/10
(47) 01.05.2019	D06M 15/267	C08G 65/40
(22) 14.11.2014	D21H 17/43	C08G 65/46
(54) Manually operated machine tool with a safety	(11) EP3160700	B33Y 70/00
device	(21) EP15741688.4	B29C 64/314
(73) Festool GmbH	(47) 01.05.2019	B29B 9/12
(72) Spengler, Wolfgang	(87) US2015038467	B29K 71/00
Deiss, Magnus	07.01.2016	(11) EP3215331
(31) 102013020723	(22) 30.06.2015	(21) EP15798494.9
(32) 07.12.2013	(54) TREATED POROUS MATERIAL	(47) 01.05.2019
(33) Germany	(73) Dow Global Technologies LLC	(87) FR2015052698
(51) B27B 13/12	(72) CHEN, Xue	12.05.2016
B27B 13/16	KING, Stephen W.	(22) 07.10.2015
B27B 17/12	(31) 201462018927 P	(54) PROCESS FOR DENSIFICATION
B23D 59/02	(32) 30.06.2014	OF POWDERS OF
(11) EP2332704	(33) United States of America	POLYARYLENETHERKETONE (PAEK),
(21) EP10193004.8	(51) B27N 3/00	USE OF SUCH A DENSIFIED POWDER,
(47) 01.05.2019	B27N 3/08	AND PRODUCT MADE FROM SUCH A
(22) 29.11.2010	(11) EP2311616	POWDER
	(21) EP10175982.7	(73) Arkema France

- (72) BRULE, Benoît
HUZE, Denis
DECRAEMER, Nadine
PASCAL, Jerome
- (31) 1460543
201462074338 P
- (32) 03.11.2014
03.11.2014
- (33) France
United States of America
-
- (51) B29B 7/42
B29B 7/60
B29B 7/74
B29B 17/04
B29C 47/36
B29C 47/38
B29C 47/60
B29C 47/66
B29C 47/80
B29C 47/82
B29C 47/84
B01J 19/18
C08C 3/02
C08J 11/10
C08J 11/12
C08L 17/00
B29B 7/48
B29C 47/62
B29K 21/00
B29K 105/26
- (11) EP3115402
(21) EP14884372.5
(47) 01.05.2019
(87) CN2014090358
11.09.2015
(22) 05.11.2014
(54) SINGLE SCREW EXTRUSION SYSTEM
FOR DESULFURIZATION AND POST-
PROCESSING OF WASTE RUBBER, AND
RELATED METHOD FOR PREPARING
RECLAIMED RUBBER
- (73) Qingdao University Of Science And
Technology
Lv, Xiaolong
Lv, Baiyuan
Qingdao Gaoji Technology Co., Ltd.
- (72) LV, Baiyuan
LV, Xiaolong
- (31) 201410080452
(32) 06.03.2014
(33) China
-
- (51) B29B 7/74
B29B 7/86
F16L 1/26
F16L 55/175
F16L 55/18
B29C 73/02
B29L 23/00
B29K 63/00
- (11) EP3191755
(21) EP15777988.5
(47) 01.05.2019
(87) GB2015052620
17.03.2016
(22) 10.09.2015
(54) APPARATUS AND METHOD FOR
SUBSEA LIQUID MIXING AND
SAMPLING
- (73) Subsea 7 Limited
(72) FOWKES, Mick
BOOTH, Paul
VU, Dan Quoc
MUNRO, Stewart John Sinclair
OGG, Catriona Rachel
- (31) 201416184
(32) 12.09.2014
(33) United Kingdom
-
- (51) B29B 15/12
B29B 15/14
B29C 70/52
B29C 47/00
B29C 47/90
- (11) EP3237167
(21) EP15808613.2
(47) 01.05.2019
(87) EP2015079542
30.06.2016
(22) 14.12.2015
(54) DEVICE AND METHOD FOR COATING
A WIRE
- (73) Compagnie Générale des Etablissements
Michelin
- (72) SEBE, Marc
DELFINO, Antonio
LIMAT, Gabriel
- (31) 1463088
(32) 22.12.2014
(33) France
-
- (51) B29B 15/12
C08J 5/04
B29K 77/00
- (11) EP3142841
(21) EP15725836.9
(47) 01.05.2019
(87) FR2015051220
19.11.2015
(22) 07.05.2015
(54) USE OF A FINE AQUEOUS POLYMER
DISPERSION FOR THE IMPREGNATION
OF NATURAL FIBRES
- (73) Arkema France
(72) PINEAU, Quentin
HOCHSTETTER, Gilles
AUDENAERT, Marc
- (31) 1454213
(32) 12.05.2014
(33) France
-
- (51) B29C 33/44
B29C 45/16
- (11) EP3317066
(21) EP16732347.6
(47) 01.05.2019
(87) IB2016053714
05.01.2017
(22) 22.06.2016
(54) PROCESS FOR MAKING A MULTI-
COMPONENT PLASTIC HOUSING
- (73) Braun GmbH
(72) KUNZ, Marc
HUEBSCHER, Werner
LUECKEL, Kris
SCHAEFER, Sven
TRIEBIG, Stefan
- (31) 201514755128
(32) 30.06.2015
(33) United States of America
- (51) B29C 43/24
B29C 43/28
B29C 43/30
B29L 30/00
B29C 43/46
- (11) EP3345736
(21) EP17150443.4
(47) 01.05.2019
(22) 05.01.2017
(54) CALENDER MACHINE FOR
MANUFACTURING LAMINATED
PRODUCTS SUCH AS RUBBER-COATED
TEXTILE OR METAL FABRICS
- (73) Rodolfo Comerio Srl
(72) COMERIO, Carlo
-
- (51) B29C 44/12
B29C 70/66
B29C 70/68
B32B 5/20
B32B 17/10
B32B 37/20
B32B 27/30
B32B 27/40
B32B 3/08
B32B 27/22
B32B 27/20
B32B 25/20
B32B 25/18
B32B 25/14
B32B 25/04
B32B 7/12
B32B 27/08
B32B 27/06
B32B 27/18
B32B 38/00
B32B 27/32
H01L 33/56
B29L 31/34
B29K 105/04
- (11) EP2123420
(21) EP09159854.0
(47) 01.05.2019
(22) 11.05.2009
(54) Method for encapsulating optoelectronic
components
- (73) tesa SE
(72) Burmeister, Axel
Czerwonatis, Franziska
- (31) 102008024551
(32) 21.05.2008
(33) Germany
-
- (51) B29C 44/12
B32B 5/18
B32B 7/04
B29C 44/14
B32B 3/04
- (11) EP2360000
(21) EP09830266.4
(47) 01.05.2019
(87) JP2009067997
10.06.2010
(22) 19.10.2009
(54) APPARATUS FOR PRODUCING FOAM-
MOLDED MEMBER HAVING SKIN,
METHOD FOR PRODUCING FOAM-
MOLDED MEMBER HAVING SKIN, AND
FOAM-MOLDED MEMBER HAVING
SKIN

(73) Nissan Motor Co., Ltd.	Galati, Vito	TRUSCOTT, Michael
(72) ISHII, Kaoru	(31) 201361838620 P	(31) 201161544126 P
(31) 2008309028	201361843561 P	(32) 06.10.2011
(32) 03.12.2008	201361896313 P	(33) United States of America
(33) Japan	(32) 24.06.2013	(51) B29C 47/24
(51) B29C 44/34	08.07.2013	B29C 63/10
B29C 44/58	28.10.2013	B29C 63/14
B29C 44/60	(33) United States of America	B29C 47/12
B29C 45/00	United States of America	B29C 47/02
B29C 45/37	United States of America	F16L 11/112
B29C 45/73	(51) B29C 45/40	(11) EP2873507
B29C 45/78	(11) EP3268203	(21) EP14190907.7
(11) EP2208598	(21) EP16709063.8	(47) 01.05.2019
(21) EP09179177.2	(47) 01.05.2019	(22) 29.10.2014
(47) 01.05.2019	(87) EP2016055101	(54) METHOD FOR CONTINUOUS
(22) 15.12.2009	15.09.2016	MANUFACTURE OF PLASTIC PIPES
(54) Method and apparatus for molding resin foam product	(22) 10.03.2016	(73) egeplast international GmbH
(73) Mazda Motor Corporation	(54) APPARATUS FOR MOLDING PLASTIC ELEMENTS	(72) Ulrich, Herbert
(72) Miyamoto, Tuguhisa	(73) Sacmi Imola S.C.	(31) 102013111956
Ogawa, Junichi	(72) MARASTONI, Daniele	(32) 30.10.2013
Kaneko, Mitsuharu	MOSCA, Rossano	(33) Germany
Nakajima, Yukinori	(31) VR20150042	(51) B29C 48/00
(31) 2009008696	(32) 12.03.2015	B29C 44/18
(32) 19.01.2009	(33) Italy	B29C 44/32
(33) Japan	(51) B29C 45/40	B29C 44/50
(51) B29C 45/14	B29C 45/76	B29C 48/14
B29D 19/00	(11) EP3210745	B29C 48/06
(11) EP3299139	(21) EP17157523.6	B29K 75/00
(21) EP17186996.9	(47) 01.05.2019	B29L 9/00
(47) 01.05.2019	(22) 23.02.2017	(11) EP2554351
(22) 21.08.2017	(54) INJECTION MOLDING MACHINE	(21) EP12004408.6
(54) CONTROL DEVICE HAVING A KNOB AND METHOD OF MANUFACTURING THEREOF	(73) Sumitomo Heavy Industries, Ltd.	(47) 01.05.2019
(73) Aptiv Technologies Limited	(72) MIYATAKE, Tsutomu	(22) 12.06.2012
(72) POLAK, Andrzej	FUKUMURA, Hideo	(54) Method and a device for manufacturing insulation panels
(31) 201616266	(31) 2016036375	(73) OROPLASTIC, NAAMLOZE
(32) 26.09.2016	(32) 26.02.2016	VENNOOTSCHAP
(33) United Kingdom	(33) Japan	(72) Vanyzere, Luc
(51) B29C 45/26	(51) B29C 45/76	Vanyzere, Pieter
B29C 33/56	B29C 45/66	(31) 201100478
(11) EP2969465	(11) EP2679376	(32) 02.08.2011
(21) EP14721987.7	(21) EP13156204.3	(33) Belgium
(47) 01.05.2019	(47) 01.05.2019	(51) B29C 49/20
(87) IL2014050279	(22) 21.02.2013	B29L 22/00
18.09.2014	(54) PLASTIC PRODUCT MANUFACTURING METHOD AND ALL-ELECTRIC INJECTION-MOLDING MACHINE	(11) EP3059070
(22) 13.03.2014	(73) Delta Electronics, Inc.	(21) EP16161303.9
(54) POLYMER BASED MOLDS AND METHODS OF MANUFACTURING THERE OF	(72) Tsai, Ching-Hsiung	(47) 01.05.2019
(73) Stratasy Ltd.	Shiu, Yun-Feng	(22) 20.08.2012
(72) DIKOVSKY, Daniel	(31) 101122571	(54) BLOW-MOLDING METHOD FOR CONTAINER WITH HANDLE
EYLON, Ido	(32) 25.06.2012	(73) Nissei Asb Machine Co., Ltd.
(31) 201361781697 P	(33) Taiwan, Province of China	(72) OGIHARA, Shuichi
(32) 14.03.2013	(51) B29C 47/08	(31) 2011180369
(33) United States of America	B29C 47/92	(32) 22.08.2011
(51) B29C 45/28	B29C 47/06	(33) Japan
B29C 45/76	B29C 47/56	(51) B29C 51/10
B29C 45/77	(11) EP2763835	B29C 51/42
(11) EP3299140	(21) EP12777997.3	(11) EP3317079
(21) EP17187064.5	(47) 01.05.2019	(21) EP16738203.5
(47) 01.05.2019	(87) US2012059003	(47) 01.05.2019
(22) 23.06.2014	11.04.2013	(87) FI2016050469
(54) INJECTION MOLDING FLOW CONTROL APPARATUS AND METHOD	(22) 05.10.2012	05.01.2017
(73) Synventive Molding Solutions, Inc.	(54) ADJUSTABLE FEEDBLOCK AND METHOD FOR EXTRUDING POLYMERIC LAMINATES	(22) 28.06.2016
(72) Moss, Mark	(73) Nordson Extrusion Dies Industries, LLC	(54) METHOD FOR SHAPING A FILM-LIKE/SHEET-LIKE MATERIAL
	(72) ULCEJ, John	(73) Aalto University Foundation SR
		(72) VALKAS, Timo
		SEPÄNMAA, Arto

PARTANEN, Jouni	(47) 01.05.2019	(54) METHOD FOR WELDING TWO
(31) 15397532	(22) 16.10.2015	POLYAMIDE PLASTICS BY MAKING
(32) 30.06.2015	(54) METHOD OF WELDING A POLYOLEFIN	USE OF A PRIMER, ARTICLE
(33) European Patent Office (EPO)	PLASTIC WITH ANOTHER PLASTIC BY	OBTAINABLE BY SAID METHOD
(51) B29C 51/40	MAKING USE OF A PRIMER, ARTICLE	(73) Henkel AG & Co. KGaA
B29C 33/10	PRODUCED BY SAID METHOD	(72) WALTER, Pablo
B29C 51/26	(73) Henkel AG & Co. KGaA	FRIEDRICH, Norman
B29C 51/04	(72) WALTER, Pablo	GONZALEZ, Lina
B29C 51/10	FRIEDRICH, Norman	LÜTZEN, Hendrik
(11) EP2682250	GONZALEZ, Lina	HÄRTIG, Thomas
(21) EP13175182.8	LÜTZEN, Hendrik	(51) B29C 65/16
(47) 01.05.2019	HÄRTIG, Thomas	B29C 65/00
(22) 04.07.2013	(51) B29C 65/00	B29C 65/14
(54) Mould with improved venting, thermo-	B29C 65/48	B32B 27/08
forming device and method	B29C 65/82	B32B 37/18
(73) Bosch Sprang B.V.	B29K 101/10	B32B 38/00
(72) Bosch, Antoni	B29K 101/12	B32B 38/04
(31) 2009155	B29K 105/06	B32B 38/10
(32) 06.07.2012	G01B 7/24	C08J 5/12
(33) Netherlands	G01L 1/12	(11) EP2894023
(51) B29C 63/02	G01N 3/00	(21) EP15150497.4
B29D 23/00	G01N 19/04	(47) 01.05.2019
A61L 29/08	G01N 27/72	(22) 08.01.2015
A61L 29/14	G01N 29/24	(54) Resin-junction body
B32B 21/08	(11) EP2639046	(73) Funai Electric Co., Ltd.
B32B 27/08	(21) EP13172166.4	(72) Takahashi, Yutaka
B32B 27/40	(47) 01.05.2019	(31) 2014003711
B32B 27/12	(22) 02.06.2009	(32) 10.01.2014
B32B 1/08	(54) Measurement of strain in an adhesively	(33) Japan
(11) EP2265428	bonded joint including magnetostrictive	(51) B29C 65/20
(21) EP09720652.8	material	B29C 65/10
(47) 01.05.2019	(73) The Boeing Company	B29C 65/72
(87) US2009036701	(72) Miller, Robert J.	B29L 7/00
17.09.2009	Georgeson, Gary E.	(11) EP3208071
(22) 10.03.2009	(31) 169768	(21) EP16156235.0
(54) CATHETERS WITH LUBRICIOUS	(32) 09.07.2008	(47) 01.05.2019
LININGS AND METHODS FOR MAKING	(33) United States of America	(22) 18.02.2016
AND USING THEM	(51) B29C 65/00	(54) AUTOMATIC WELDING MACHINE
(73) CLPH, LLC	B32B 37/04	(73) Leister Technologies AG
(72) EVERSULL, Christian, S.	(11) EP3278956	(72) Niederberger, Adolf
LEEFLANG, Stephen, A.	(21) EP16182632.6	Frei, Mathias
(31) 35327 P	(47) 01.05.2019	von Wyl, Bruno
(32) 10.03.2008	(22) 03.08.2016	(51) B29C 67/00
(33) United States of America	(54) METHOD FOR PRODUCING AT LEAST	B22F 3/105
(51) B29C 64/209	TWO-LAYER PLATES OF A MATERIAL	(11) EP3083207
B29C 64/118	WITH LOW AVERAGE CELL DIAMETER	(21) EP14833113.5
B33Y 30/00	(73) BASF SE	(47) 01.05.2019
(11) EP3231581	(72) Merkel, Peter	(87) DE2014000624
(21) EP16193834.5	Diehlmann, Tim	25.06.2015
(47) 01.05.2019	Kiciak, Thomas	(22) 09.12.2014
(22) 14.10.2016	Dietzen, Franz-Josef	(54) 3D PRINTING METHOD WITH RAPID
(54) THREE DIMENSIONAL PRINTING	Hahn, Christoph Oliver	DRYING STEP
APPARATUS AND PRINTING HEAD	(51) B29C 65/02	(73) Voxeljet AG
MODULE	B29C 65/06	(72) GÜNTHER, Daniel
(73) XYZprinting, Inc.	B29C 65/38	GÜNTHER, Johannes
Kinpo Electronics, Inc.	B29C 65/40	(31) 102013021091
(72) Huang, Chia-Hung	C09J 5/02	(32) 18.12.2013
Lee, Yang-Teh	C08L 77/00	(33) Germany
(31) 201610211735	C08F 22/06	(51) B29C 67/00
(32) 07.04.2016	C08F 222/08	B33Y 10/00
(33) China	C08L 25/08	B33Y 30/00
(51) B29C 65/00	C08L 35/00	B05B 5/03
B29C 65/02	C08L 77/02	(11) EP3196003
C08J 5/12	C08J 5/12	(21) EP17151227.0
C09J 5/02	(11) EP3156207	(47) 01.05.2019
C08L 23/14	(21) EP15190200.4	(22) 12.01.2017
(11) EP3156209	(47) 01.05.2019	(54) ADDITIVE DEPOSITION METHOD
(21) EP15190203.8	(22) 16.10.2015	(73) Palo Alto Research Center, Incorporated

(72) JOHNSON, David Mathew BECK, Victor Alfred ELROD, Scott A. BIEGELSEN, David K.	(87) IB2014064122 05.03.2015 (22) 28.08.2014 (54) A METHOD FOR MAKING ARMS FOR SPECTACLES FROM COMPOSITE MATERIAL WITH DIFFERENTIATED RIGIDITY AND ARM FOR SPECTACLES OBTAINED ACCORDING TO SAID METHOD	F16H 55/06 B29L 15/00 B29K 101/12 B29K 105/00 B29K 307/04 B29K 105/08 (11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan
(31) 201615001452 (32) 20.01.2016 (33) United States of America	(73) Optima S.r.l. (72) TIRINDELLI, Giovanna (31) PD20130240 (32) 02.09.2013 (33) Italy	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan
(51) B29C 67/00 B33Y 30/00 B33Y 50/02 (11) EP3294529 (21) EP16723992.0 (47) 01.05.2019 (87) EP2016060480 17.11.2016 (22) 10.05.2016 (54) DEVICE AND METHOD FOR APPLYING FLOWABLE MATERIAL TO A SUBSTRATUM THAT CAN BE ROTATED ABOUT AN AXIS OF ROTATION	(51) B29C 70/74 B22F 9/20 B29C 65/78 B29C 39/10 H04M 1/18 H05K 5/04 B29C 39/38 (11) EP3281777 (21) EP17181184.7 (47) 01.05.2019 (22) 13.07.2017 (54) COVER PLATE, METHOD FOR MANUFACTURING COVER PLATE AND ELECTRONIC DEVICE	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan (51) B29D 30/00 B25J 15/06 B25J 15/00 B25J 15/04 (11) EP3283282 (21) EP16732779.0 (47) 01.05.2019 (87) NL2016050212 20.10.2016 (22) 29.03.2016 (54) GRIPPER ASSEMBLY AND METHOD FOR GRIPPING A TIRE COMPONENT (73) VMI Holland B.V. (72) DE BOER, Anthonius Maria Hendrina VAN LAAR, Gerardus Johannes Catharina (31) 2014635 (32) 14.04.2015 (33) Netherlands
(73) dp polar GmbH (72) MATHEA, Hans (31) 102015005868 (32) 11.05.2015 (33) Germany	(31) PD20130240 (32) 02.09.2013 (33) Italy (51) B29C 70/74 B22F 9/20 B29C 65/78 B29C 39/10 H04M 1/18 H05K 5/04 B29C 39/38 (11) EP3281777 (21) EP17181184.7 (47) 01.05.2019 (22) 13.07.2017 (54) COVER PLATE, METHOD FOR MANUFACTURING COVER PLATE AND ELECTRONIC DEVICE	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan (51) B29D 30/00 B25J 15/06 B25J 15/00 B25J 15/04 (11) EP3283282 (21) EP16732779.0 (47) 01.05.2019 (87) NL2016050212 20.10.2016 (22) 29.03.2016 (54) GRIPPER ASSEMBLY AND METHOD FOR GRIPPING A TIRE COMPONENT (73) VMI Holland B.V. (72) DE BOER, Anthonius Maria Hendrina VAN LAAR, Gerardus Johannes Catharina (31) 2014635 (32) 14.04.2015 (33) Netherlands
(51) B29C 70/48 B29C 33/42 F03D 1/06 B29L 31/08 (11) EP2481559 (21) EP11152904.6 (47) 01.05.2019 (22) 01.02.2011 (54) Preparing a wind turbine blade for correct positioning in a subsequent assembly step (73) Siemens Aktiengesellschaft (72) Frydendal, Ib Pedersen, Soeren Markkilde	(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd. (72) LI, Jing YANG, Guangming GONG, Qingguo (31) 201610645762 201620851119 U (32) 08.08.2016 08.08.2016 (33) China China (51) B29D 11/00 C07D 205/04 C08F 20/00 C08F 26/00 G02C 7/04 B05D 3/10 (11) EP2861413 (21) EP13731005.8 (47) 01.05.2019 (87) US2013044938 19.12.2013 (22) 10.06.2013 (54) AZETIDINIUM-CONTAINING COPOLYMERS AND USES THEREOF	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan (51) B29D 30/00 B60C 5/14 B60C 1/00 (11) EP2839972 (21) EP14181216.4 (47) 01.05.2019 (22) 18.08.2014 (54) Tire having laminated innerliner with reinforced splice (73) The Goodyear Tire & Rubber Company (72) Lee, Byoung Jo Brainerd, II, John Fleming Dunker, Philip Alan Incavo, Joseph Alan Goad, Brandon Clifford (31) 201313972971 (32) 22.08.2013 (33) United States of America
(51) B29C 70/54 B29C 65/48 B31F 5/04 B29C 65/00 B65H 69/06 B29C 70/38 B31F 7/00 (11) EP3272508 (21) EP17179945.5 (47) 01.05.2019 (22) 06.07.2017 (54) METHOD OF SPLICING PRE- IMPREGNATED REINFORCING FIBRES	(73) Novartis AG (72) HOLLAND, Troy Vernon CHANG, Frank QIU, Yongxing PRUITT, John Dallas CHIANG, Chung-Yuan SHANKERNARAYANAN, Manivakkam J. SCOTT, Robert KAPOOR, Yash (31) 201261659592 P (32) 14.06.2012 (33) United States of America (51) B29D 15/00 B29C 70/46 B29C 70/54	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan (51) B29D 30/00 B60C 5/14 B60C 1/00 (11) EP2839972 (21) EP14181216.4 (47) 01.05.2019 (22) 18.08.2014 (54) Tire having laminated innerliner with reinforced splice (73) The Goodyear Tire & Rubber Company (72) Lee, Byoung Jo Brainerd, II, John Fleming Dunker, Philip Alan Incavo, Joseph Alan Goad, Brandon Clifford (31) 201313972971 (32) 22.08.2013 (33) United States of America (51) B29D 30/24 B29D 30/26 (11) EP3272510 (21) EP17182269.5 (47) 01.05.2019 (22) 20.07.2017 (54) MECHANISM FOR THE CENTRAL PORTION OF A TIRE BUILDING DRUM (73) The Goodyear Tire & Rubber Company (72) MONTGOMERY, Mark John (31) 201662365794 P 201615230546 (32) 22.07.2016 08.08.2016 (33) United States of America
(73) Airbus Operations GmbH (72) Roth, York Witte, Tassilo Kako, Jan (31) 102016212313 102016122112 (32) 06.07.2016 17.11.2016 (33) Germany Germany	(73) Novartis AG (72) HOLLAND, Troy Vernon CHANG, Frank QIU, Yongxing PRUITT, John Dallas CHIANG, Chung-Yuan SHANKERNARAYANAN, Manivakkam J. SCOTT, Robert KAPOOR, Yash (31) 201261659592 P (32) 14.06.2012 (33) United States of America (51) B29D 15/00 B29C 70/46 B29C 70/54	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan (51) B29D 30/00 B60C 5/14 B60C 1/00 (11) EP2839972 (21) EP14181216.4 (47) 01.05.2019 (22) 18.08.2014 (54) Tire having laminated innerliner with reinforced splice (73) The Goodyear Tire & Rubber Company (72) Lee, Byoung Jo Brainerd, II, John Fleming Dunker, Philip Alan Incavo, Joseph Alan Goad, Brandon Clifford (31) 201313972971 (32) 22.08.2013 (33) United States of America (51) B29D 30/24 B29D 30/26 (11) EP3272510 (21) EP17182269.5 (47) 01.05.2019 (22) 20.07.2017 (54) MECHANISM FOR THE CENTRAL PORTION OF A TIRE BUILDING DRUM (73) The Goodyear Tire & Rubber Company (72) MONTGOMERY, Mark John (31) 201662365794 P 201615230546 (32) 22.07.2016 08.08.2016 (33) United States of America
(51) B29C 70/70 G02C 5/14 B29L 12/00 (11) EP3041669 (21) EP14777843.5 (47) 01.05.2019	(31) 201261659592 P (32) 14.06.2012 (33) United States of America (51) B29D 15/00 B29C 70/46 B29C 70/54	(11) EP3015257 (21) EP15191642.6 (47) 01.05.2019 (22) 27.10.2015 (54) GEAR AND MANUFACTURING METHOD THEREOF (73) JTEKT CORPORATION (72) KUNISHIMA, Takeshi (31) 2014219465 (32) 28.10.2014 (33) Japan (51) B29D 30/00 B60C 5/14 B60C 1/00 (11) EP2839972 (21) EP14181216.4 (47) 01.05.2019 (22) 18.08.2014 (54) Tire having laminated innerliner with reinforced splice (73) The Goodyear Tire & Rubber Company (72) Lee, Byoung Jo Brainerd, II, John Fleming Dunker, Philip Alan Incavo, Joseph Alan Goad, Brandon Clifford (31) 201313972971 (32) 22.08.2013 (33) United States of America (51) B29D 30/24 B29D 30/26 (11) EP3272510 (21) EP17182269.5 (47) 01.05.2019 (22) 20.07.2017 (54) MECHANISM FOR THE CENTRAL PORTION OF A TIRE BUILDING DRUM (73) The Goodyear Tire & Rubber Company (72) MONTGOMERY, Mark John (31) 201662365794 P 201615230546 (32) 22.07.2016 08.08.2016 (33) United States of America

<p>United States of America</p> <hr/> <p>(51) B29D 30/30 B60C 5/14 B32B 27/34 B32B 27/30 B32B 27/18 B32B 27/08 B32B 27/28 B32B 25/18 B29D 30/06 B32B 25/08 B32B 25/12 (11) EP2749403 (21) EP12838681.0 (47) 01.05.2019 (87) JP2012069157 11.04.2013 (22) 27.07.2012 (54) METHOD FOR MANUFACTURING PNEUMATIC TIRES (73) Sumitomo Rubber Industries, Ltd. (72) IMOTO, Yoji SUGIMOTO, Mutsuki (31) 2011219824 2011231680 2011234798 2011245507 2011255133 2011260390 2012067250 (32) 04.10.2011 21.10.2011 26.10.2011 09.11.2011 22.11.2011 29.11.2011 23.03.2012 (33) Japan Japan Japan Japan Japan Japan Japan</p> <hr/> <p>(51) B29D 30/54 B29C 65/34 (11) EP3086931 (21) EP14828242.9 (47) 01.05.2019 (87) FR2014053411 02.07.2015 (22) 18.12.2014 (54) METHODS FOR MANUFACTURING AND RETREADING TIRE AND TIRE CASINGS. (73) Compagnie Générale des Etablissements Michelin (72) MARCET, Grégory HINC, Henri MERINO LOPEZ, José DELBOS, Mathieu (31) 1363448 (32) 23.12.2013 (33) France</p> <hr/> <p>(51) B30B 15/00 B30B 3/04 G01K 13/08 D21F 3/08</p>	<p>D21F 3/10 D21G 1/02 G01L 5/00 G01L 5/04 (11) EP3296096 (21) EP17197675.6 (47) 01.05.2019 (22) 08.09.2015 (54) SUCTION ROLL WITH SENSORS FOR DETECTING OPERATIONAL PARAMETERS (73) Stowe Woodward Licensco LLC (72) GUSTAFSON, Eric J. REAVES III, Samuel H. MASON, Christopher (31) 201462049600 P 201562168362 P 201514823460 (32) 12.09.2014 29.05.2015 11.08.2015 (33) United States of America United States of America United States of America</p> <hr/> <p>(51) B31D 5/00 (11) EP3246155 (21) EP17174911.2 (47) 01.05.2019 (22) 14.11.2011 (54) DUNNAGE CONVERSION SYSTEM WITH ADJUSTABLE WIND GUARD (73) Ranpak Corp. (72) Lintala, Edward W. Schlegel, Carrie (31) 414306 P (32) 16.11.2010 (33) United States of America</p> <hr/> <p>(51) B31F 1/08 B31F 1/10 B31B 50/25 (11) EP3184293 (21) EP15834607.2 (47) 01.05.2019 (87) JP2015064901 25.02.2016 (22) 25.05.2015 (54) CREASE PRESSING MEMBER (73) Diepex Co., Ltd. (72) TAKEUCHI, Takayuki (31) 2014166011 PCT/JP2015/060737 (32) 18.08.2014 06.04.2015 (33) Japan World Intellectual Property Office (WIPO)</p> <hr/> <p>(51) B32B 1/02 B32B 27/36 B32B 27/34 B32B 27/18 B65D 1/02 B65D 81/26 (11) EP3296097 (21) EP17189939.6 (47) 01.05.2019 (32) 07.09.2017 (54) MULTILAYER CONTAINER AND METHOD FOR PRODUCING REGENERATED POLYESTER</p>	<p>(73) Mitsubishi Gas Chemical Company, Inc. (72) OTSUKA, Kosuke ODA, Takafumi (31) 2016180587 (32) 15.09.2016 (33) Japan</p> <hr/> <p>(51) B32B 5/02 B32B 5/12 B65G 15/34 D03D 1/00 D21F 7/08 B32B 7/00 D03D 7/00 D03D 11/00 B32B 5/26 D03D 13/00 D03D 15/00 D21F 1/00 D21F 3/02 D03D 15/08 (11) EP2438223 (21) EP10732532.6 (47) 01.05.2019 (87) US2010036398 09.12.2010 (22) 27.05.2010 (54) ULTRA-RESILIENT FABRIC (73) Albany International Corp. (72) HANSEN, Robert, A. RYDIN, Bjorn LUCIANO, William (31) 479317 (32) 05.06.2009 (33) United States of America</p> <hr/> <p>(51) B32B 5/28 B29C 70/68 B64C 1/00 B64C 3/18 (11) EP2676792 (21) EP12747044.1 (47) 01.05.2019 (87) JP2012053522 23.08.2012 (22) 15.02.2012 (54) CARBON-FIBER-REINFORCED PLASTIC STRUCTURE AND METHOD FOR PRODUCING SAME (73) Mitsubishi Heavy Industries, Ltd. (72) WAKU Hiroyuki (31) 2011030883 (32) 16.02.2011 (33) Japan</p> <hr/> <p>(51) B32B 7/00 B32B 7/04 B32B 7/12 B32B 25/00 B32B 27/00 B32B 27/04 B32B 27/06 B32B 27/08 B32B 27/20 B32B 27/28 B32B 27/30 B32B 27/32 B32B 27/34 B32B 27/36 B32B 29/00 B32B 3/30</p>
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- (11) EP2990195
(21) EP14182258.5
(47) 01.05.2019
(22) 26.08.2014
(54) EMBOSSED AND MELT-LAMINATED MULTIPLE LAYER COMPOSITE FILM
(73) Profol Kunststoffe GmbH
(72) Maier, Konrad
Bayer, Helmut
Altenweiger, Josef
(31) 14182113
(32) 25.08.2014
(33) European Patent Office (EPO)

(51) B32B 7/02
B32B 27/08
B32B 27/12
B32B 27/20
B32B 27/22
B32B 27/32
(11) EP3067198
(21) EP15174820.9
(47) 01.05.2019
(22) 01.07.2015
(54) NON-POLYVINYLCHLORIDE (PVC) TILE
(73) M.J. International Flooring and Interior Products Inc.
(72) Lin, Chen-Lung
Hsia, Henn-Sheng
Lin, Shih-An
Chen, Pen-Yuan
(31) 104107770
(32) 11.03.2015
(33) Taiwan, Province of China

(51) B32B 7/12
(11) EP1792727
(21) EP06023013.3
(47) 01.05.2019
(22) 06.11.2006
(54) Steel plate reinforcing sheet
(73) NITTO DENKO CORPORATION
(72) Kawaguchi, Yasuhiko
Tachibana, Katsuhiko
(31) 2005333013
2006148732
(32) 17.11.2005
29.05.2006
(33) Japan
Japan

(51) B32B 7/12
C09J 7/38
C09J 7/22
C09J 7/25
C08J 5/12
B32B 27/36
C08G 18/62
C09J 133/06
C08L 75/04
C08J 7/12
(11) EP2823961
(21) EP13757049.5
(47) 01.05.2019
(87) JP2013055934
12.09.2013
(22) 05.03.2013
(54) GAS BARRIER FILM LAMINATE, ADHESIVE FILM, AND ELECTRONIC COMPONENT
(73) LINTEC Corporation
(72) KENMOCHI Suguru
NAGANAWA Satoshi
NAGAMOTO Koichi
(31) 2012049057
(32) 06.03.2012
(33) Japan

(51) B32B 9/00
B81C 1/00
C25D 5/02
C25D 13/02
H01L 21/768
H01L 21/288
H01L 21/76
(11) EP2867018
(21) EP13810095.3
(47) 01.05.2019
(87) US2013048948
03.01.2014
(22) 01.07.2013
(54) THREE-DIMENSIONAL HYBRID NANOSTRUCTURES FABRICATED BY ELECTRIC FIELD DIRECTED ASSEMBLY OF NANOELEMENTS
(73) Northeastern University
(72) BUSNAINA, Ahmed
YILMAZ, Cihan
KIM, TaeHoon
SOMU, Sivasubramanian
(31) 201261666181 P
(32) 29.06.2012
(33) United States of America

(51) B32B 27/12
B32B 15/14
B32B 17/04
B32B 7/12
B32B 27/28
B32B 15/20
B32B 5/02
(11) EP2986453
(21) EP13745747.9
(47) 01.05.2019
(87) US2013051476
23.10.2014
(22) 22.07.2013
(54) BURNTROUGH RESISTANT LAMINATE FILM
(73) Brook One Corporation
(72) ZHENG, Zheng
LI, Qin Jian
(31) 201361813279 P
(32) 18.04.2013
(33) United States of America

(51) B32B 27/32
G09F 3/10
(11) EP3290205
(21) EP17197807.5
(47) 01.05.2019
(22) 17.03.2014
(54) MULTI-LAYER BLOWN FILM FOR PRODUCING LABELS
(73) Mondi Gronau GmbH
(72) DENIS, Norbert
KUCKERTZ, Christian
NIEPELT, Ralf

(51) B32B 27/36
B32B 37/18
(11) EP2723569
(21) EP12731781.6
(47) 01.05.2019
(87) US2012041455
27.12.2012
(22) 08.06.2012
(54) LAMINATION PROCESS OPTIMIZATION UTILIZING NEOPENTYL GLYCOL-MODIFIED POLYESTERS
(73) Eastman Chemical Company
(72) NEILL, Ryan Thomas
DONELSON, Michael, Eugene
BISHOP, Bryan Steven
(31) 201113167123
(32) 23.06.2011
(33) United States of America

(51) B32B 37/00
D21G 1/00
(11) EP3175986
(21) EP16200851.0
(47) 01.05.2019
(22) 28.11.2016
(54) PNEUMATIC POSITIONING OF FLATBED LAMINATOR ROLLER
(73) Vivid Laminating Technologies Limited
(72) WARD, Gavin
(31) 201521052
(32) 30.11.2015
(33) United Kingdom

(51) B32B 37/20
B32B 37/02
B32B 27/32
B32B 37/00
B32B 37/26
(11) EP3219489
(21) EP16161009.2
(47) 01.05.2019
(22) 17.03.2016
(54) THIN FILM WITH SEPARABLE CARRIER AND MANUFACTURING METHOD THEREOF
(73) DingZing Advanced Materials Inc.
(72) LIN, Keng-Hsien

(51) B41F 7/12
B41F 27/12
(11) EP3036105
(21) EP14729003.5
(47) 01.05.2019
(87) EP2014062064
26.02.2015
(22) 11.06.2014
(54) METHOD FOR CHANGING PRINTING PLATES AS WELL AS A PRINTING PRESS WITH A PRINTING TOWER AND A VERTICALLY MOVABLY MOUNTED STORAGE DEVICE
(73) Koenig & Bauer AG
(72) SCHÄFER, Karl
(31) 102013216665
102013216661
(32) 22.08.2013
22.08.2013
(33) Germany
Germany

(51) B41F 7/12
B41F 27/12
(11) EP3036106
(21) EP14729004.3
(47) 01.05.2019

- (87) EP2014062076
26.02.2015
- (22) 11.06.2014
- (54) METHOD FOR CHANGING PRINTING FORMS AND PRINTING MACHINES HAVING A PRINTING TOWER AND A VERTICALLY MOVEABLE STORAGE DEVICE
- (73) Koenig & Bauer AG
- (72) SCHÄFER, Karl
- (31) 102013216662
102013216664
- (32) 22.08.2013
22.08.2013
- (33) Germany
Germany
-
- (51) B41F 13/46
B65H 5/24
B65H 11/00
B41F 19/00
- (11) EP3201000
- (21) EP15770551.8
- (47) 01.05.2019
- (87) EP2015072605
07.04.2016
- (22) 30.09.2015
- (54) DEVICE FOR CODING PRINTING SHEETS IN A SHEET-FED PRESS
- (73) manroland sheetfed GmbH
- (72) MARTIN, Olga
WIESE, Holger
JÄGER, Hans-Bernd
WERBER, Edgar
SCHLEGEL, Christian
- (31) 102014114387
102015116030
- (32) 02.10.2014
23.09.2015
- (33) Germany
Germany
-
- (51) B41F 15/08
B41F 15/18
B41F 15/30
B41F 15/38
B41F 15/46
- (11) EP3317106
- (21) EP16733517.3
- (47) 01.05.2019
- (87) EP2016065151
12.01.2017
- (22) 29.06.2016
- (54) SCREEN PRINTING DEVICE AND METHOD FOR SCREEN PRINTING
- (73) Thieme GmbH & Co. KG
- (72) WINTERHALTER, Elmar
WEBER, Dietmar
KÖNIG, Ewald
HOLZER, Stefan
- (31) 102015212515
- (32) 03.07.2015
- (33) Germany
-
- (51) B41J 2/14
B41J 2/16
- (11) EP3205501
- (21) EP17153590.9
- (47) 01.05.2019
- (22) 27.01.2017
- (54) LIQUID JETTING APPARATUS AND METHOD OF PRODUCING LIQUID JETTING APPARATUS
- (73) BROTHER KOGYO KABUSHIKI KAISHA
- (72) TANAKA, Taiki
HIRAI, Keita
- (31) 2016015191
- (32) 29.01.2016
- (33) Japan
-
- (51) B41J 2/16
B41J 2/14
B41J 2/045
- (11) EP2961611
- (21) EP13876732.2
- (47) 01.05.2019
- (87) US2013052505
04.09.2014
- (22) 29.07.2013
- (54) TRANSFER MOLDED FLUID FLOW STRUCTURE
- (73) Hewlett-Packard Development Company, L.P.
- (72) CHEN, Chien-Hua
CUMBIE, Michael W.
- (31) PCT/US2013/028207
PCT/US2013/028216
PCT/US2013/033046
PCT/US2013/033865
PCT/US2013/048214
- (32) 28.02.2013
28.02.2013
20.03.2013
26.03.2013
27.06.2013
- (33) World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
-
- (51) B41J 2/175
- (11) EP2743086
- (21) EP13191745.2
- (47) 01.05.2019
- (22) 06.11.2013
- (54) Printing fluid supply device and printing fluid cartridge
- (73) Brother Kogyo Kabushiki Kaisha
- (72) Sasaki, Toyonori
- (31) 2012272971
- (32) 14.12.2012
- (33) Japan
-
- (51) B41J 2/175
- (11) EP2857205
- (21) EP14003401.8
- (47) 01.05.2019
- (22) 01.10.2014
- (54) Liquid ejection device and liquid leakage suppression method
- (73) Canon Kabushiki Kaisha
- (72) Araki, Yoshimasa
Tamura, Yasuyuki
Saito, Akio
Fukuhara, Makoto
Ozaki, Hiroyuki
- (31) 2013208957
2014188444
- (32) 04.10.2013
17.09.2014
- (33) Japan
Japan
-
- (51) B41J 2/175
- (11) EP2803491
- (21) EP14180956.6
- (47) 01.05.2019
- (22) 22.12.2011
- (54) Printing fluid cartridge and printing apparatus
- (73) Brother Kogyo Kabushiki Kaisha
- (72) Kanbe, Tomohiro
Takagi, Yuki
Nakamura, Hirotake
-
- (51) B41J 2/175
B41J 2/045
- (11) EP2678162
- (21) EP11859445.6
- (47) 01.05.2019
- (87) US2011026215
30.08.2012
- (22) 25.02.2011
- (54) PRINTING SYSTEM AND RELATED METHOD
- (73) Hewlett-Packard Development Company, L.P.
- (72) LEBRON, Hector Jose
ANDERSON, Spencer C.
-
- (51) B41J 2/175
B41J 2/06
B41J 2/07
- (11) EP2766189
- (21) EP11873972.1
- (47) 01.05.2019
- (87) US2011056315
18.04.2013
- (22) 14.10.2011
- (54) FIRING ACTUATOR POWER SUPPLY SYSTEM
- (73) Hewlett-Packard Development Company, L.P.
- (72) GARDNER, James, M.
FRICKE, Peter, J.
HUNTER, Mark, A.
-
- (51) B41J 2/19
B41J 2/175
- (11) EP2681049
- (21) EP11860201.0
- (47) 01.05.2019
- (87) US2011027229
13.09.2012
- (22) 04.03.2011
- (54) VALVE SYSTEMS FOR MANAGING AIR IN A FLUID EJECTION SYSTEM
- (73) Hewlett-Packard Development Company, L.P.
- (72) GONZALES, Curt
STATHEM, Ralph L.
OLSEN, David
-
- (51) B41J 2/21
B41J 11/00
- (11) EP2948307
- (21) EP13702950.0
- (47) 01.05.2019
- (87) EP2013051473
31.07.2014
- (22) 25.01.2013
- (54) PRINTER CONTROL SECTION, METHOD AND PRINTER

(73) Hewlett-Packard Development Company, L.P.	B65D 83/04	LINDNER, Helmut
(72) VERDUGO, Antonio Gracia	A61J 1/03	(31) 504742015
CLOSA, Joan Albert Jorba	A61J 7/04	(32) 10.06.2015
LÁZARO, Marina Cantero	B65B 9/04	(33) Austria
(51) B41J 3/36	B41J 3/407	(51) B41K 1/42
B41J 15/04	G06K 15/02	B41K 1/04
B41J 3/407	B41J 11/46	B41K 1/40
(11) EP1792740	B41J 25/304	B41K 1/56
(21) EP05785292.3	B41J 29/38	(11) EP3307548
(47) 01.05.2019	(11) EP2739536	(21) EP16738647.3
(87) JP2005017594	(21) EP12820701.6	(47) 01.05.2019
30.03.2006	(47) 01.05.2019	(87) AT2016050181
(22) 26.09.2005	(87) AU2012000860	15.12.2016
(54) TAPE PRINTING DEVICE AND TAPE CASSETTE	(22) 18.07.2012	(22) 08.06.2016
(73) Brother Kogyo Kabushiki Kaisha	(54) IMPROVEMENTS RELATING TO PRINTING	(54) STAMP AND PRINTING UNIT, IN PARTICULAR AS REPLACEMENT PART FOR A STAMP
(72) YAMAGUCHI, KOSHIRO, BROTHER KOGYO KABUSHIKI KAISHA	(73) Manrex Pty. Ltd	(73) Trodat GmbH
ITO, AKIRA, BROTHER KOGYO KABUSHIKI KAISHA	(72) STEVENS, Gerard	(72) SCHARINGER, Herbert
KUNIEDA, YOSHIO, BROTHER KOGYO KABUSHIKI KAISHA	(31) 2011903092	LEIBEZEDER, Reinhard
KABUSHIKI KAISHA	(32) 04.08.2011	LINDNER, Helmut
KUNIEDA, YOSHIO, BROTHER KOGYO KABUSHIKI KAISHA	(33) Australia	(31) 504732015
MIWA, TAKAHIRO, BROTHER KOGYO KABUSHIKI KAISHA	(51) B41J 11/70	(32) 10.06.2015
(31) 2004278402	B41J 11/00	(33) Austria
(32) 24.09.2004	B41J 3/407	(51) B41M 3/14
(33) Japan	G06K 15/02	C09D 11/037
(51) B41J 11/00	B26D 1/06	C09D 11/50
B41J 11/06	(11) EP3072702	B42D 25/378
B41J 11/02	(21) EP16161945.7	(11) EP3008140
B41J 13/22	(47) 01.05.2019	(21) EP14726972.4
B41J 15/04	(22) 23.03.2016	(47) 01.05.2019
(11) EP3271184	(54) PRINT DATA GENERATING DEVICE, PRINTING DEVICE, PRINT DATA GENERATING METHOD AND PROGRAM	(87) EP2014060940
(21) EP15745418.2	(73) Seiko Epson Corporation	18.12.2014
(47) 01.05.2019	(72) ENDO, Tsunenobu	(22) 27.05.2014
(87) EP2015066435	OKAWA, Taisuke	(54) HEAT SENSITIVE TAMPER INDICATING MARKINGS
26.01.2017	MATSUDA, Kan	(73) SICPA HOLDING SA
(22) 17.07.2015	(31) 2015061429	(72) GAZAWAY, Toni Lee
(54) SUCTION FORCE CALIBRATION	(32) 24.03.2015	CLASSICK, Tom
(73) Hewlett-Packard Development Company, L.P.	(33) Japan	VEREEN, John
(72) GRACIA VERDUGO, Antonio	(51) B41J 29/38	LIEU, Hau
FLOTATS VILLAGRASA, Carles	B41J 2/01	(31) 201361834201 P
FORT FILGUEIRA, Aleix	(11) EP3013590	(32) 12.06.2013
(51) B41J 11/04	(21) EP13887816.0	(33) United States of America
B41J 2/32	(47) 01.05.2019	(51) B41M 5/00
B41J 3/62	(87) US2013048475	B41M 5/36
(11) EP2657039	31.12.2014	B41M 5/50
(21) EP11851240.9	(22) 28.06.2013	(11) EP2734379
(47) 01.05.2019	(54) PRINTING PRINT FRAMES BASED ON MEASURED FRAME LENGTHS	(21) EP11869605.3
(87) JP2011007126	(73) Hewlett-Packard Development Company, L.P.	(47) 01.05.2019
28.06.2012	(72) KEARNS, James	(87) US2011044858
(22) 20.12.2011	(51) B41K 1/02	24.01.2013
(54) PRINTER AND PLATEN ROLLER FOR PRINTER	B41K 1/42	(22) 21.07.2011
(73) Sato Holdings Kabushiki Kaisha	B41K 1/36	(54) PRINT MEDIUM
(72) OTSUKA, Masanori	(11) EP3307545	(73) Hewlett-Packard Development Company, L.P.
MOGI, Mariko	(21) EP16736362.1	(72) SWEI, Jason
(31) 2010284051	(47) 01.05.2019	BANGARU, Sandeep K.
2011021316	(87) AT2016050182	(51) B41M 5/333
(32) 21.12.2010	15.12.2016	B41M 5/155
03.02.2011	(22) 08.06.2016	C07C 311/21
(33) Japan	(54) STAMP	C07C 311/29
Japan	(73) Trodat GmbH	C07C 311/47
(51) B41J 11/20	(72) RIEGLER, Konrad	C07C 311/46
B65B 61/26	ZEHETNER, Markus	(11) EP2923851
B65D 75/36		(21) EP13856824.1
		(47) 01.05.2019
		(87) JP2013006780

30.05.2014	(73) Wipro Limited	(51) B60B 3/08
(22) 19.11.2013	(72) KUMAR, Vijay	B60B 3/10
(54) RECORDING MATERIAL PRODUCED USING NON-PHENOL COMPOUND	NINAN, Thomas Chittakattu	B60B 3/14
(73) Nippon Soda Co., Ltd.	(31) 6434CH2015	B60B 25/00
(72) SAKAI, Hiroshi	(32) 30.11.2015	B60B 3/00
KONDO, Tadahiro	(33) India	(11) EP2788199
TADA, Kayoko	(51) B44C 1/17	(21) EP12797860.9
KINOSHITA, Shuntaro	B32B 7/12	(47) 01.05.2019
JYUJYO, Kazumi	A63B 49/02	(87) EP2012074186
(31) 2012255337	B32B 15/08	13.06.2013
(32) 21.11.2012	B32B 15/082	(22) 03.12.2012
(33) Japan	B32B 15/09	(54) TWO-PART WHEEL
(51) B42D 25/23	B32B 15/092	(73) ThyssenKrupp Carbon Components GmbH
B42D 25/24	B32B 15/095	(72) WERNER, Jens
B42D 25/45	B32B 27/08	KÖHLER, Christian
(11) EP3275683	B32B 27/30	BARTSCH, André
(21) EP17180417.2	B32B 27/36	MÁKE, Sandro
(47) 01.05.2019	B32B 27/38	DREBLER, Michael
(22) 10.07.2017	B32B 27/40	LEPPER, Martin
(54) DATA PAGE, IN PARTICULAR PERSONALISATION DATA PAGE, BOOK BLOCK AND METHOD FOR THEIR PREPARATION AND BOOK-TYPE DOCUMENT	B32B 3/02	HUFENBACH, Werner
(73) Bundesdruckerei GmbH	B32B 3/08	(31) 102011087923
(72) Siebert, Dr. Martin	B32B 15/085	(32) 07.12.2011
Märtens, Detlef	B32B 3/26	(33) Germany
(31) 102016113761	B29C 67/00	(51) B60B 3/14
(32) 26.07.2016	(11) EP2862725	F16B 5/02
(33) Germany	(21) EP14180953.3	F16B 41/00
(51) B42D 25/43	(47) 01.05.2019	B60B 3/16
B42D 25/475	(22) 14.08.2014	(11) EP3113960
B42D 25/00	(54) SPORTS EQUIPMENT	(21) EP15707362.8
B42F 21/12	(73) Globetide, Inc.	(47) 01.05.2019
(11) EP3313668	(72) Nishikawa, Futoshi	(87) EP2015054262
(21) EP16733882.1	(31) 2013179905	11.09.2015
(47) 01.05.2019	(32) 30.08.2013	(22) 02.03.2015
(87) EP2016001103	(33) Japan	(54) FASTENING ELEMENT
05.01.2017	(51) B44C 5/00	(73) Berrang Entwicklungs GmbH
(22) 29.06.2016	B44F 1/08	(72) HERMES, Joachim
(54) METHOD FOR CHANGING THE GEOMETRY OF AN EDGE OF A PORTABLE CARD SHAPED DATA CARRIER	C04B 35/58	(31) 102014203802
(73) Giesecke+Devrient Mobile Security GmbH	C22C 1/05	(32) 03.03.2014
(72) RIEDL, Josef	C22C 29/16	(33) Germany
ENDRES, Günter	(11) EP2298948	(51) B60B 5/02
KOHL, Klaus	(21) EP09754654.3	B60B 1/00
SAUER, Thorsten	(47) 01.05.2019	B60B 1/08
(31) 102015008432	(87) JP2009059531	B60B 1/14
(32) 29.06.2015	03.12.2009	(11) EP2712742
(33) Germany	(22) 25.05.2009	(21) EP12190218.3
(51) B43K 23/12	(54) CERAMIC FOR DECORATIVE PART AND DECORATIVE PART COMPRISING THE SAME	(47) 01.05.2019
G01M 99/00	(73) Kyocera Corporation	(22) 26.10.2012
B43K 29/00	(72) MURAKAWA, Shunichi	(54) Motor housing integrated-type spoke for electric bicycle, manufacturing method thereof, wheel assembly having the same and manufacturing method thereof
G06K 9/62	OHTA, Mizuho	(73) Mando Corporation
G06F 3/0488	(31) 2008139330	(72) Ko, Chang Bok
H04N 7/18	(32) 28.05.2008	Kim, Jeong Rae
G06T 7/20	(33) Japan	(31) 20120104248
G06F 3/0484	(51) B60B 3/00	(32) 19.09.2012
B43K 29/08	B60B 3/16	(33) Korea (Republic)
(11) EP3184321	B60B 27/00	(51) B60B 9/04
(21) EP16153975.4	B60B 27/06	B60C 7/18
(47) 01.05.2019	(11) EP3372422	B60B 9/26
(22) 02.02.2016	(21) EP18160281.4	(11) EP2915681
(54) A SMART CLOSURE UNIT FOR A WRITING APPARATUS	(47) 01.05.2019	(21) EP13851636.4
	(22) 06.03.2018	(47) 01.05.2019
	(54) WHEEL MOUNTING STRUCTURE	(87) JP2013079550
	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	08.05.2014
	(72) NAKAGAWA, Kenji	(22) 31.10.2013
	(31) 2017042373	(54) NON-PNEUMATIC TIRE
	(32) 07.03.2017	(73) Bridgestone Corporation
	(33) Japan	

- (72) ABE Akihiko
NISHIDA Masashi
(31) 2012240523
(32) 31.10.2012
(33) Japan
-
- (51) B60C 1/00
B05D 7/02
C08K 3/34
B32B 27/30
(11) EP2797699
(21) EP12861574.7
(47) 01.05.2019
(87) US2012071905
04.07.2013
(22) 28.12.2012
(54) THIN FILM DIFFUSION BARRIER
(73) The Texas A&M University System
Compagnie Générale des Etablissements
Michelin
(72) Grunlan, Jaime C.
PRIOLO, Morgan A.
Bergman, Brian R.
McHugh, John J.
(31) 201161581743 P
(32) 30.12.2011
(33) United States of America
-
- (51) B60C 1/00
B60C 11/00
(11) EP2889157
(21) EP14197656.3
(47) 01.05.2019
(22) 12.12.2014
(54) Tire having tread with tread groove-
containing rubber block joining the tire
carcass with the tread cap
(73) The Goodyear Tire & Rubber Company
(72) Zhao, Junling
Meza, Roberto Cerrato
Goncalves, Paulo Roberto
Forciniti, Leandro
Busch, Warren James
(31) 201314134250
201314134055
201314134175
(32) 19.12.2013
19.12.2013
19.12.2013
(33) United States of America
United States of America
United States of America
-
- (51) B60C 1/00
C08L 7/00
C08L 9/00
(11) EP3135500
(21) EP16185292.6
(47) 01.05.2019
(22) 23.08.2016
(54) TIRE WITH TREAD COMPOSITE
(73) The Goodyear Tire & Rubber Company
(72) SANDSTROM, Paul Harry
(31) 201514838707
(32) 28.08.2015
(33) United States of America
-
- (51) B60C 9/00
B60C 9/20
B60C 9/22
D02G 3/48
(11) EP3116723
- (21) EP15719870.6
(47) 01.05.2019
(87) TR2015000104
17.09.2015
(22) 10.03.2015
(54) A PNEUMATIC RADIAL TIRE WITH
HYBRID CORD REINFORCEMENT
(73) Kordsa Teknik Tekstil A.S
(72) AKSOY, Kürsat
MERTOL, Bekir Anil
ILGUN, Ahmet Burak
FIDAN, Sadettin
(31) 201402944
(32) 12.03.2014
(33) Turkey
-
- (51) B60C 9/08
B60C 13/00
B60C 9/02
(11) EP3037278
(21) EP14844468.0
(47) 01.05.2019
(87) JP2014072378
19.03.2015
(22) 27.08.2014
(54) PNEUMATIC TIRE
(73) Sumitomo Rubber Industries, Ltd.
(72) TOMITA Shintaro
TANAKA Susumu
ASANO Kazuo
(31) 2013186883
2013199888
(32) 10.09.2013
26.09.2013
(33) Japan
Japan
-
- (51) B60C 9/20
(11) EP3083277
(21) EP14792496.3
(47) 01.05.2019
(87) EP2014073410
25.06.2015
(22) 31.10.2014
(54) PNEUMATIC VEHICLE TYRE
(73) Continental Reifen Deutschland GmbH
(72) LACKO, Michal
GEHLAUF, Matthias
WACHMANN, Fabian
(31) 102013226443
(32) 18.12.2013
(33) Germany
-
- (51) B60C 11/00
B29D 30/60
(11) EP3288780
(21) EP16701492.7
(47) 01.05.2019
(87) EP2016051473
03.11.2016
(22) 26.01.2016
(54) PNEUMATIC VEHICLE TIRE HAVING A
TREAD
(73) Continental Reifen Deutschland GmbH
(72) JABRI, Mohamed Aymen
PAVON SIERRA, Viktoria
KASTENS, Sven
(31) 102015207931
(32) 29.04.2015
(33) Germany
-
- (51) B60C 11/01
- (11) EP2979901
(21) EP15169292.8
(47) 01.05.2019
(22) 27.05.2015
(54) PNEUMATIC TYRES FOR A VEHICLE
(73) Continental Reifen Deutschland GmbH
(72) Brandau, Christian
Schlittenhard, Jan
(31) 102014215246
(32) 01.08.2014
(33) Germany
-
- (51) B60C 11/03
B60C 11/11
B60C 11/13
(11) EP3339057
(21) EP17206110.3
(47) 01.05.2019
(22) 08.12.2017
(54) MOTORCYCLE TIRE FOR OFF-ROAD
USE
(73) Sumitomo Rubber Industries, Ltd.
(72) SUEISHI, Makoto
(31) 2016249686
(32) 22.12.2016
(33) Japan
-
- (51) B60C 11/12
B60C 3/04
B60C 11/00
B60C 11/03
B60C 11/04
B60C 17/00
(11) EP3130482
(21) EP15798797.5
(47) 01.05.2019
(87) JP2015002711
03.12.2015
(22) 28.05.2015
(54) PNEUMATIC RADIAL TIRE FOR USE ON
PASSENGER VEHICLE
(73) Bridgestone Corporation
(72) HATANAKA, Shintaro
KUWAYAMA, Isao
(31) 2014113480
(32) 30.05.2014
(33) Japan
-
- (51) B60C 11/12
B60C 11/03
(11) EP2682284
(21) EP12752938.6
(47) 01.05.2019
(87) JP2012000933
07.09.2012
(22) 13.02.2012
(54) PNEUMATIC TIRE
(73) Bridgestone Corporation
(72) ODA, Akinori
(31) 2011044044
(32) 01.03.2011
(33) Japan
-
- (51) B60C 11/16
(11) EP3330105
(21) EP16832962.1
(47) 01.05.2019
(87) JP2016072390
09.02.2017
(22) 29.07.2016
(54) TIRE
(73) Bridgestone Corporation

(72) MAEDA, Shimpei ITO, Tomoaki	(47) 01.05.2019	ESPESSET, Hugues Sylvain
(31) 2015152445	(22) 07.09.2017	(31) 105131540
(32) 31.07.2015	(54) TYRE CHANGING MACHINE	(32) 30.09.2016
(33) Japan	(73) Devel S.r.l.	(33) Taiwan, Province of China
(51) B60C 15/024	(72) BONETTI, Valentino	(51) B60D 1/30
B60C 15/00	(31) 201600091443	B60T 7/20
B60C 15/06	(32) 09.09.2016	B60T 13/08
B60C 13/02	(33) Italy	(11) EP3299192
(11) EP3231640	(51) B60C 25/138	(21) EP17187173.4
(21) EP15866478.9	B60C 25/05	(47) 01.05.2019
(47) 01.05.2019	B41J 2/44	(22) 22.08.2017
(87) JP2015083886	B41J 3/407	(54) ADDITIONAL BRAKE DEVICE FOR A TRAILER WITH AN INERTIA BRAKE SYSTEM
16.06.2016	G01M 1/04	(73) BPW Fahrzeugtechnik GmbH & Co. KG Reich GmbH Regel- und Sicherheitstechnik
(22) 02.12.2015	G06K 7/10	(72) ALTAJEV, Maxim
(54) TIRE FOR CONSTRUCTION VEHICLE	G09F 3/00	BRÜNTRUP, Andreas
(73) Bridgestone Corporation	B29D 30/72	HEIDRICH, Philipp
(72) NAKAMURA, Shinsuke	G06K 19/06	THEISS, Marc André
(31) 2014249975	(11) EP3269569	KNEIFEL, Jan Kevin
(32) 10.12.2014	(21) EP17177921.8	BENDER, Steffen
(33) Japan	(47) 01.05.2019	BEIJERSBERGEN VAN HENEGOUWEN, Cornelis
(51) B60C 15/06	(22) 26.06.2017	(31) 202016104675 U
B60C 15/024	(54) METHOD AND APPARATUS FOR UNIQUELY IDENTIFYING TYRES FOR WHEELS OF VEHICLES AS PART OF VEHICLE WHEEL MAINTENANCE PROCESSES	(32) 25.08.2016
(11) EP2979905	(73) Snap-on Equipment S.r.l.	(33) Germany
(21) EP15169542.6	(72) AZZARI, Pietro	(51) B60G 7/00
(47) 01.05.2019	GUCCIARDINO, Lillo	B21D 5/01
(22) 28.05.2015	SOTGIU, Paolo	B21D 53/88
(54) PNEUMATIC TYRES FOR A VEHICLE	TRALLI, Marco	B21D 35/00
(73) Continental Reifen Deutschland GmbH	(31) 201600072749	(11) EP3124295
(72) Krishnamurthy, Kumar	(32) 13.07.2016	(21) EP14886959.7
(31) 102014215093	(33) Italy	(47) 01.05.2019
(32) 31.07.2014	(51) B60C 27/12	(87) JP2014059027
(33) Germany	B60C 27/10	01.10.2015
(51) B60C 17/00	(11) EP3181382	(22) 27.03.2014
B60C 17/01	(21) EP15832635.5	(54) VEHICULAR ARM COMPONENT MANUFACTURING METHOD AND VEHICULAR ARM COMPONENT
B60C 17/02	(47) 01.05.2019	(73) Yorozu Corporation
B60C 23/02	(87) JP2015071540	(72) KIMURA, Hiroshi
B60C 23/00	18.02.2016	MATSUMOTO, Masaharu
(11) EP3227127	(22) 29.07.2015	SEKI, Junichi
(21) EP15866219.7	(54) WINDING DEVICE	TSUCHIDA, Tomo
(47) 01.05.2019	(73) Car Mate Mfg. Co., Ltd.	(51) B60G 9/00
(87) US2015061029	(72) TANABE Shigeru	B60G 7/00
09.06.2016	(31) 2014163838	B60G 7/02
(22) 17.11.2015	(32) 11.08.2014	(11) EP3191325
(54) RAPID TIRE INFLATION SYSTEM	(33) Japan	(21) EP15759812.9
(73) Bridgestone Americas Tire Operations, LLC	(51) B60D 1/06	(47) 01.05.2019
(72) STUCKEY, Jon I.	(11) EP3401130	(87) EP2015070443
(31) 201462087011 P	(21) EP18167423.5	17.03.2016
(32) 03.12.2014	(47) 01.05.2019	(22) 08.09.2015
(33) United States of America	(22) 16.04.2018	(54) ARM ASSEMBLY
(51) B60C 23/12	(54) BALL-SHAPED HEAD COUPLING FOR VEHICLE TRAILERS	(73) SAF-HOLLAND GmbH
(11) EP2740616	(73) Knott GmbH	(72) Jansen, Roger
(21) EP13195466.1	(72) STRASSER, Josef	Drewes, Olaf
(47) 01.05.2019	(31) 202017102412 U	(31) 102014218321
(22) 03.12.2013	(32) 25.04.2017	(32) 12.09.2014
(54) Air maintenance pumping assembly and tire	(33) Germany	(33) Germany
(73) The Goodyear Tire & Rubber Company	(51) B60D 1/06	(51) B60G 11/27
(72) Gobinath, Thulasiram	(11) EP3300932	F16F 9/05
Welter, Carolin Anna	(21) EP17194265.9	F16F 9/04
Lin, Cheng-Hsiung	(47) 01.05.2019	(11) EP3011198
(31) 201261734016 P	(22) 29.09.2017	(21) EP14726154.9
(32) 06.12.2012	(54) CLAMP DEVICE FOR HITCH BALL	(47) 01.05.2019
(33) United States of America	(73) King Rack Industrial Co., Ltd.	(87) EP2014060676
(51) B60C 25/05	(72) WANG, Chiu-Kuei	
B60C 25/138		
(11) EP3293020		
(21) EP17189779.6		

24.12.2014	08.09.2006	(11) EP3126168
(22) 23.05.2014	(22) 01.03.2006	(21) EP14887723.6
(54) AIR SPRING	(54) HYDRAULIC SYSTEM FOR A VEHICLE	(47) 01.05.2019
(73) Continental Teves AG & Co. OHG	SUSPENSION	(87) CN2014074413
(72) PIELOCK, Ralf	(73) Kinetic Pty Ltd	08.10.2015
(31) 102013211666	(72) MONK, Richard	(22) 31.03.2014
(32) 20.06.2013	TAYLOR, James, Lind	(54) METHOD AND DEVICE FOR
(33) Germany	(31) 2005900943	OPERATING AN AIR CONDITIONING
(51) B60G 17/005	(32) 01.03.2005	SYSTEM OF AN AUTOMOTIVE
E02F 9/22	(33) Australia	VEHICLE
(11) EP3213941	(51) B60H 1/00	(73) PSA Automobiles SA
(21) EP16158304.2	(11) EP3003748	(72) MOLIN, Yoann
(47) 01.05.2019	(21) EP14726645.6	NEILDEZ, Aude
(22) 02.03.2016	(47) 01.05.2019	(51) B60J 1/20
(54) DEVICE FOR CONTROLLING A	(87) EP2014061132	B60J 10/50
PENDULUM AXLE, PENDULUM	04.12.2014	(11) EP3135517
ASSEMBLY AND MOBILE WORKING	(22) 28.05.2014	(21) EP16001666.3
MACHINE WITH AT LEAST ONE	(54) GRID FOR HOMOGENISING AN AIR	(47) 01.05.2019
PENDULUM AXLE	STREAM WITH HEATING APPARATUS	(22) 28.07.2016
(73) Bucher Hydraulics Erding GmbH	(73) Valeo Systemes Thermiques	(54) AUTOMOBILE BELTLINE PORTION
(72) SCHREFF, Alois	(72) MARTINELL, Amanda	SOUND INSULATING STRUCTURE AND
(51) B60G 17/016	AILLOUD, Fabrice	AUTOMOBILE DOOR GLASS
B60G 17/017	GRELLIER, Michel	(73) AGC Inc.
B60G 17/019	SICOT, Claire	(72) Yamada, Daisuke
B60G 17/0165	(31) 1354963	Nakamura, Atsushi
(11) EP2969609	(32) 30.05.2013	(31) 2015151864
(21) EP14700475.8	(33) France	2016111691
(47) 01.05.2019	(51) B60H 1/00	(32) 31.07.2015
(87) EP2014050557	B60H 1/14	03.06.2016
18.09.2014	(11) EP3121040	(33) Japan
(22) 14.01.2014	(21) EP15765372.6	Japan
(54) CONTROL SYSTEM FOR A VEHICLE	(47) 01.05.2019	(51) B60J 5/10
SUSPENSION	(87) CN2015074806	E05F 15/70
(73) Jaguar Land Rover Limited	24.09.2015	E05F 15/71
(72) GUEST, Philip	(22) 20.03.2015	(11) EP3224072
(31) 201304655	(54) TEMPERATURE CONTROL SYSTEM	(21) EP15801120.5
(32) 14.03.2013	FOR ELECTRIC CAR	(47) 01.05.2019
(33) United Kingdom	(73) Aleees Eco Ark (Cayman) Co., Ltd.	(87) EP2015002358
(51) B60G 17/08	(72) YANG, Anthony An-Tao	02.06.2016
B60G 17/015	CHEN, Gordon Ching	(22) 24.11.2015
F16F 9/32	(31) 201461968821 P	(54) METHOD FOR OPERATING A MOVING
F16F 9/50	(32) 21.03.2014	DEVICE
F16F 9/53	(33) United States of America	(73) Audi AG
B60G 21/05	(51) B60H 1/00	(72) HARTMANN, Jürgen
(11) EP3323648	B64D 13/08	SASSMANNSHAUSEN, Patrick
(21) EP17207671.3	B61D 27/00	(31) 102014017576
(47) 01.05.2019	B60H 1/22	(32) 27.11.2014
(22) 28.02.2014	B64D 13/00	(33) Germany
(54) VALVE SWITCHING CONTROLS FOR	B64D 13/06	(51) B60K 1/00
ADJUSTABLE DAMPER	(11) EP2790939	B60K 8/00
(73) Tenneco Automotive Operating Company	(21) EP12801533.6	B60K 1/04
Inc.	(47) 01.05.2019	(11) EP3286030
(72) BLANKENSHIP, David R.	(87) EP2012074824	(21) EP16720766.1
KAZMIRSKI, Karl C.	20.06.2013	(47) 01.05.2019
DUNAWAY, Scott S.	(22) 07.12.2012	(87) EP2016059033
GARDNER, Jeffrey T.	(54) TEMPERATURE REGULATION OF	27.10.2016
PAENHUYSEN, Jeroen K.	HEATED AIR DISTRIBUTION SYSTEMS	(22) 22.04.2016
(31) 201361770426 P	IN PASSENGER ROOMS	(54) POWER SUPPLY UNIT, COMBINATION
201414191885	(73) Airbus Operations GmbH	OF SUCH AN ENERGY SUPPLY UNIT
(32) 28.02.2013	(72) EVERTH, Henning	WITH A FURTHER FUNCTION UNIT
27.02.2014	(31) 102011121053	AND HEAVY GOODS VEHICLE
(33) United States of America	201161570388 P	(73) Goldhofer AG
United States of America	(32) 14.12.2011	(72) HÄFELE, Horst
(51) B60G 21/06	14.12.2011	PFARR, Gabor
(11) EP1879760	(33) Germany	(31) 102015207427
(21) EP06704939.5	United States of America	(32) 23.04.2015
(47) 01.05.2019	(51) B60H 1/00	(33) Germany
(87) AU2006000265	F24F 11/00	(51) B60K 1/00

B60K 17/22	(32) 03.10.2012	(21) EP17150634.8
B60K 17/24	(33) Japan	(47) 01.05.2019
H02K 5/18	(51) B60K 11/08	(22) 09.01.2017
H02K 9/00	B60R 13/08	(54) TWO PART CLOSURE FOR A COMBO
H02K 9/22	B62D 35/02	CHARGEPORT
F16C 3/02	B60K 11/06	(73) Ford Global Technologies, LLC
B60K 6/26	(11) EP3261906	(72) Murray, Andy
(11) EP3303039	(21) EP16709269.1	Southey, Bruce
(21) EP16727664.1	(47) 01.05.2019	(31) 201600430
(47) 01.05.2019	(87) EP2016000287	(32) 11.01.2016
(87) EP2016062316	01.09.2016	(33) United Kingdom
08.12.2016	(22) 19.02.2016	(51) B60K 17/22
(22) 01.06.2016	(54) UNDERBODY CLADDING FOR A	F16D 1/08
(54) HOLLOW SHAFT ASSEMBLY	MOTOR VEHICLE, IN PARTICULAR A	F16D 3/38
(73) ThyssenKrupp Presta TecCenter AG	PASSENGER CAR	F16D 1/068
thyssenkrupp AG	(73) Daimler AG	(11) EP2891571
(72) MUSTER, Manfred	(72) HAEGELE, Klaus	(21) EP13832067.6
PAUL, Daniel	GOLOMBIOVSKY, Gerd Ralf	(47) 01.05.2019
(31) 102015108817	BUESING, Stephan	(87) JP2013066265
(32) 03.06.2015	SCHMID, Oliver	06.03.2014
(33) Germany	BRENDLE, Thomas	(22) 12.06.2013
(51) B60K 6/48	(31) 102015002431	(54) METHOD FOR MANUFACTURING
B60K 6/52	(32) 26.02.2015	PROPELLER SHAFT, AND PROPELLER
B60K 17/356	(33) Germany	SHAFT
B60W 20/50	(51) B60K 13/04	(73) Hino Motors, Ltd.
B60W 50/035	(11) EP2985167	(72) KATSURAGI, Masaki
B60W 10/06	(21) EP15180805.2	KATO, Tomonori
B60W 10/08	(47) 01.05.2019	SUGAMATA, Shingo
B60W 10/115	(22) 12.08.2015	SHIBATA, Satoshi
B60W 30/18	(54) HORIZONTAL MUFFLER MOUNTING	(31) 2012191673
(11) EP3283315	ASSEMBLY FOR AN OFF-ROAD	(32) 31.08.2012
(21) EP16713547.4	VEHICLE	(33) Japan
(47) 01.05.2019	(73) CNH Industrial Italia S.p.A.	(51) B60K 17/346
(87) FR2016050561	(72) Weigel, Jonathan	(11) EP2997276
20.10.2016	Bautz, Chad A.	(21) EP14798601.2
(22) 14.03.2016	Snow, Parker	(47) 01.05.2019
(54) METHOD FOR THE MANAGEMENT	Fink, Jacob	(87) US2014038001
OF A HYBRID VEHICLE WITH	Hintz, Christopher	20.11.2014
AUTOMATIC GEARBOX IN THE EVENT	Boeshans, James Patrick	(22) 14.05.2014
OF FAILURE OF THIS GEARBOX	Carlson, Nathan	(54) VEHICLE DIFFERENTIAL DISCONNECT
(73) PSA AUTOMOBILES S.A.	Keller, Nathan	ASSEMBLY
(72) SERDJANIAN, Gregor	Novacek, Jason	(73) GKN Driveline North America, Inc.
ROCQ, Gaetan	Rasset, John T.	(72) PEURA, Brent
BARDET, Arnaud	Tveito, David L.	(31) 201361823280 P
RAKOTONIRINA, Eddy	Weyer, Jason	(32) 14.05.2013
(31) 1553170	(31) 201462037531 P	(33) United States of America
(32) 13.04.2015	(32) 14.08.2014	(51) B60K 25/00
(33) France	(33) United States of America	A01D 34/00
(51) B60K 7/00	(51) B60K 15/035	A01D 69/02
B60B 35/14	(11) EP3037294	A01D 101/00
B60K 17/14	(21) EP15199827.5	H02J 7/00
F16C 19/06	(47) 01.05.2019	(11) EP3325305
F16C 19/18	(22) 14.12.2015	(21) EP16742414.2
F16C 35/073	(54) PRESSURE CONTROL APPARATUS OF	(47) 01.05.2019
F16D 1/06	FUEL TANK FOR VEHICLE	(87) IB2016054321
F16H 57/02	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	26.01.2017
(11) EP2905163	(72) FUKUI, Keita	(22) 20.07.2016
(21) EP13843201.8	NISHIMURA, Yusaku	(54) LAWN CARE VEHICLE WITH ON-
(47) 01.05.2019	AKITA, Tatsuhiko	BOARD BATTERY CHARGING
(87) JP2013076490	(31) 2014262064	(73) Husqvarna AB
10.04.2014	2015145564	(72) SIMMONS, Gent
(22) 30.09.2013	(32) 25.12.2014	DWYER, Sean
(54) IN-WHEEL MOTOR DRIVING DEVICE	23.07.2015	(31) 201562195115 P
(73) NTN Corporation	(33) Japan	(32) 21.07.2015
(72) ISHIKAWA, Aiko	Japan	(33) United States of America
YAMAMOTO, Ken	(51) B60K 15/05	(51) B60K 25/02
YAMAMOTO, Tetsuya	B60L 11/18	F02B 67/06
(31) 2012221404	(11) EP3196064	F16D 13/12

F16D 13/76	(54) VEHICLE CONTROL DEVICE PROVIDED IN VEHICLE AND METHOD FOR CONTROLLING VEHICLE	(72) SUGIYAMA Yuta YUASA Hideaki SANO Kiminori
F16H 7/20	(73) LG ELECTRONICS INC.	(31) 2008294664
F16D 13/02	(72) PARK, Hunbae	2008294669
(11) EP2609346	KIM, Yeongjoong	2008295836
(21) EP11819244.2	LEE, Jangkun	2009005940
(47) 01.05.2019	JOUNG, Munchae	2009052297
(87) CA2011000981	(31) 201662430893 P	2009068010
01.03.2012	20170137559	2009068016
(22) 24.08.2011	(32) 06.12.2016	2009070091
(54) CLUTCHED DRIVEN DEVICE AND ASSOCIATED CLUTCH MECHANISM	23.10.2017	(32) 18.11.2008
(73) Litens Automotive Partnership	(33) United States of America	18.11.2008
(72) BOYES, Andrew	Korea (Republic)	19.11.2008
SPICER, Gary J.		14.01.2009
(31) 376489 P	(51) B60K 37/06	05.03.2009
(32) 24.08.2010	(11) EP2766208	19.03.2009
(33) United States of America	(21) EP12783501.5	19.03.2009
(51) B60K 28/02	(47) 01.05.2019	23.03.2009
B60W 40/08	(87) EP2012004229	
G08B 21/06	18.04.2013	(33) Japan
(11) EP3265334	(22) 09.10.2012	Japan
(21) EP16714471.6	(54) METHOD FOR DISPLAYING INFORMATION IN PARTICULAR IN A VEHICLE AND DISPLAY UNIT FOR A VEHICLE	Japan
(47) 01.05.2019	(73) Volkswagen Aktiengesellschaft	Japan
(87) FR2016050396	(72) JUN, Mi-Ran	Japan
09.09.2016	KUHN, Mathias	(51) B60L 3/00
(22) 19.02.2016	PEDERSEN, Sönke	(11) EP1902894
(54) DEVICE AND METHOD FOR PREDICTING A VIGILANCE LEVEL OF A DRIVER OF A MOTOR VEHICLE	HAHN, Alexander	(21) EP07291100.1
(73) Renault S.A.S.	LOU, Jian	(47) 01.05.2019
(72) ALEXANDER, Jean-Philippe	(31) 102011116141	(22) 14.09.2007
MOESSINGER, Michèle	(32) 15.10.2011	(54) Railway vehicle equipped with contactors, method of controlling and using these contactors
BISPING, Rudolf	(33) Germany	(73) ALSTOM Transport Technologies
(31) 1551776	(51) B60K 37/06	(72) Cypers, David
(32) 03.03.2015	H03K 17/96	Desportes, Guillaume
(33) France	(11) EP3290253	Giacomoni, Olivier
(51) B60K 35/00	(21) EP17187000.9	(31) 0608270
B60K 37/02	(47) 01.05.2019	(32) 21.09.2006
B60K 37/04	(22) 21.08.2017	(33) France
B62J 99/00	(54) CONTROL PANEL FOR A MOTOR VEHICLE	(51) B60L 3/04
(11) EP3357735	(73) Aptiv Technologies Limited	B60L 3/00
(21) EP17172862.9	(72) BORON, Artur	B60L 50/51
(47) 01.05.2019	LIPKA, Janusz	B60L 58/18
(22) 24.05.2017	MADON, Przemyslaw	B60L 58/21
(54) SADDLE TYPE VEHICLE	MELFRIED, Sebastian	B60L 58/13
(73) Kawasaki Jukogyo Kabushiki Kaisha	NIEMIEC, Halina	H02J 7/00
Continental Automotive GmbH	SZOSTEK, Grzegorz	B60L 15/38
(72) Iwamoto, Taro	(31) 1658013	B60L 50/60
Watanabe, Hiroyuki	(32) 29.08.2016	B60L 58/14
Tominaga, Jun	(33) France	H02J 7/02
Kinuhata, Masanori	(51) B60L 1/00	(11) EP2892754
Braas, Dirk	B60L 11/12	(21) EP13759743.1
(31) 2017017088	B60K 6/485	(47) 01.05.2019
(32) 01.02.2017	B66C 1/06	(87) EP2013068654
(33) Japan	B60K 6/12	13.03.2014
(51) B60K 35/00	E02F 9/20	(22) 10.09.2013
B60K 37/06	(11) EP2357150	(54) CONTROL METHOD AND APPARATUS FOR ENERGY STORAGE ASSEMBLIES OF AN ELECTRIC MOTOR VEHICLE
G06F 1/16	(21) EP09827549.8	(73) Blue Solutions
G06F 3/041	(47) 01.05.2019	(72) JESTIN, Jean-Jacques
G06F 3/01	(87) JP2009069485	COLIN, Jacques
G09G 5/38	27.05.2010	(31) 1258461
B60R 11/02	(22) 17.11.2009	(32) 10.09.2012
G09G 5/14	(54) WORKING MACHINE	(33) France
G02B 27/01	(73) Sumitomo Heavy Industries, Ltd.	
(11) EP3333003	Sumitomo (S.H.I.) Construction Machinery	
(21) EP17205633.5	Co., Ltd.	
(47) 01.05.2019		
(22) 06.12.2017		

- (51) B60L 11/14
B60L 3/00
B60W 20/10
B60K 6/26
B60K 6/365
B60K 6/50
B60W 10/08
F16H 3/72
H02P 5/00
B60L 11/12
B60L 11/18
B60L 15/20
H02K 7/116
H02K 16/00
H02K 11/21
H02K 11/25
H02K 11/33
(11) EP3131775
(21) EP15700261.9
(47) 01.05.2019
(87) EP2015050609
11.09.2015
(22) 14.01.2015
(54) ELECTRIC DRIVE, METHOD FOR THE OPERATION THEREOF, AND SERIAL HYBRID DRIVE TRAIN FOR A MOTOR VEHICLE
(73) Volkswagen Aktiengesellschaft
(72) PETERSEN, Rainer
MÖCKEL, Jörg
SUE, Armin
STRAUSS, Henning
PLIKAT, Robert
(31) 102014203999
(32) 05.03.2014
(33) Germany
-
- (51) B60L 11/18
(11) EP2794343
(21) EP12816703.8
(47) 01.05.2019
(87) FR2012052863
27.06.2013
(22) 10.12.2012
(54) METHOD OF EXCHANGING ELECTRICAL ENERGY BETWEEN AN ELECTRICAL NETWORK CONVEYING A DC OR AC ELECTRICAL QUANTITY AND AN ELECTRICAL ENERGY STORAGE UNIT FOR HYBRID OR ELECTRIC VEHICLE
(73) Valeo Systèmes de Contrôle Moteur
(72) DE SOUSA, Luis
BOUCHEZ, Boris
DA COSTA, José-Louis
(31) 1162140
(32) 21.12.2011
(33) France
-
- (51) B60L 11/18
B60W 50/14
G01C 21/34
(11) EP2720902
(21) EP12726451.3
(47) 01.05.2019
(87) EP2012060974
20.12.2012
(22) 11.06.2012
- (54) METHOD FOR DISPLAYING THE OPERATING RANGE OF AN ELECTRIC DRIVE VEHICLE, AND DISPLAY
(73) Continental Automotive GmbH
(72) KUHN, Thomas
MEIER, Herbert
NGUYEN THIEN, Nhu
STEGE, Alexander
(31) 102011104153
(32) 14.06.2011
(33) Germany
-
- (51) B60L 15/40
B61L 27/00
B61L 23/34
B61L 15/00
(11) EP2754582
(21) EP12836414.8
(47) 01.05.2019
(87) JP2012074518
04.04.2013
(22) 25.09.2012
(54) TRAIN CONTROL SYSTEM
(73) The Nippon Signal Co., Ltd.
(72) YAMADA, Takeshi
(31) 2011216711
(32) 30.09.2011
(33) Japan
-
- (51) B60M 1/28
F16N 25/00
(11) EP3055161
(21) EP14808868.5
(47) 01.05.2019
(87) EP2014075177
18.06.2015
(22) 20.11.2014
(54) LUBRICATING DEVICE FOR LUBRICATING WITH A LUBRICANT THE CONTACT REGIONS OF A GROOVE OF A POWER RAIL, WHICH CONTACT REGIONS ARE DESIGNED TO HOLD A CONTACT WIRE, AND AN ASSEMBLY HAVING THE LUBRICATING DEVICE
(73) Siemens Mobility GmbH
(72) LEUPOLD, Marcel
HAHN, Gunter
WOLF, Armin
(31) 102013225482
(32) 10.12.2013
(33) Germany
-
- (51) B60N 2/08
(11) EP3024692
(21) EP14729296.5
(47) 01.05.2019
(87) EP2014061784
29.01.2015
(22) 06.06.2014
(54) RELEASE OF A LONGITUDINAL ADJUSTMENT OF A VEHICLE SEAT WITH A HEIGHT ADJUSTMENT AND FOLDABLE BACKREST BY REAR PASSANGERS
(73) Volkswagen Aktiengesellschaft
(72) KRAMER, Matthias
(31) 102013012306
(32) 24.07.2013
(33) Germany
-
- (51) B60N 2/28
(11) EP3046802
- (21) EP14766506.1
(47) 01.05.2019
(87) EP2014069815
26.03.2015
(22) 17.09.2014
(54) CHILD SAFETY SEAT
(73) HTS Hans Torgersen & Sønn AS
(72) VAN DER VEER, Erik
VAN MOURIK, Okke
GUTTER, Hans
(31) 20131260
(32) 19.09.2013
(33) Norway
-
- (51) B60N 2/56
(11) EP3310614
(21) EP16731109.1
(47) 01.05.2019
(87) EP2016064022
22.12.2016
(22) 17.06.2016
(54) METHOD AND DEVICE FOR OPERATING A SEAT VENTILATION DEVICE, SEAT VENTILATION DEVICE
(73) Volkswagen Aktiengesellschaft
(72) GRÜNEWALD, Marek
HELMOLD, Jörg
(31) 102015211116
(32) 17.06.2015
(33) Germany
-
- (51) B60N 2/68
B60N 2/70
B60N 2/58
B60N 2/66
(11) EP3299215
(21) EP17190017.8
(47) 01.05.2019
(22) 08.09.2017
(54) VEHICLE SEAT
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) GONZALEZ URIBE, Carlos David
KATOH, Kohshi
(31) 2016180487
(32) 15.09.2016
(33) Japan
-
- (51) B60N 2/68
B60R 21/207
B60N 2/60
B60N 2/58
B60R 21/215
(11) EP3212462
(21) EP15787187.2
(47) 01.05.2019
(87) EP2015074958
06.05.2016
(22) 28.10.2015
(54) VEHICLE SEAT WITH A SIDE AIRBAG MODULE
(73) Volkswagen Aktiengesellschaft
(72) GRABOWSKI, Martin
NEUMANN, Matthias
(31) 102014222085
(32) 29.10.2014
(33) Germany
-
- (51) B60N 2/75
B60N 2/64
B60N 2/02
B60N 2/90
B60N 2/868

- (11) EP3023297
(21) EP15195044.1
(47) 01.05.2019
(22) 17.11.2015
(54) VEHICLE SEAT WITH A BACKREST THAT CAN BE PIVOTED INCLUDING ARMREST
(73) GRAMMER AG
(72) Jahn, Thomas
(31) 102014117105
102015106386
(32) 21.11.2014
24.04.2015
(33) Germany
Germany
-
- (51) B60P 1/04
(11) EP2765028
(21) EP14153979.1
(47) 01.05.2019
(22) 05.02.2014
(54) System and method for preventing power head rollover during a dump operation by monitoring front struts
(73) Deere & Company
(72) Stander, Francois
Chesterman, John M
(31) 201313761282
(32) 07.02.2013
(33) United States of America
-
- (51) B60P 1/36
B60P 3/00
B60P 3/14
B60P 1/38
(11) EP3312051
(21) EP17196736.7
(47) 01.05.2019
(22) 17.10.2017
(54) TRANSPORTATION VEHICLE FOR MOBILE SORTING OF SHIPMENTS
(73) Deutsche Post AG
(72) Veasey, Mark
(31) 201617756
(32) 20.10.2016
(33) United Kingdom
-
- (51) B60P 3/075
B60P 7/08
(11) EP3323675
(21) EP17001842.8
(47) 01.05.2019
(22) 09.11.2017
(54) FASTENING SYSTEM FOR HOLDING BELTS
(73) Rolfo S.p.A.
(72) Rolfo, Giorgio
Arnulfo, Elio
(31) 201600116512
(32) 18.11.2016
(33) Italy
-
- (51) B60P 3/20
B60H 1/32
(11) EP2897838
(21) EP13838541.4
(47) 01.05.2019
(87) US2013061346
27.03.2014
(22) 24.09.2013
- (54) CONDENSER EXHAUST FAN LOCATION WITHIN A TRANSPORT REFRIGERATION UNIT
(73) Thermo King Corporation
(72) BALAKRISHNA, Abhijith
RAJU,Patil
LAWRENCE, Wilson Samuel, Jesudason
(31) 201261704786 P
(32) 24.09.2012
(33) United States of America
-
- (51) B60P 7/08
(11) EP3059119
(21) EP16156145.1
(47) 01.05.2019
(22) 17.02.2016
(54) LASHING POINT
(73) Thiele GmbH & Co. KG
(72) NORPOTH, Bernhard
(31) 202015100750 U
(32) 17.02.2015
(33) Germany
-
- (51) B60Q 1/04
B60Q 1/34
B60Q 1/44
G01R 31/02
H02H 1/00
H02H 3/16
H05B 33/08
(11) EP3244700
(21) EP17170438.0
(47) 01.05.2019
(22) 10.05.2017
(54) GROUND FAULT DETECTION CIRCUIT, ABNORMALITY DETECTION CIRCUIT, LIGHT EMITTING DEVICE, VEHICLE
(73) ROHM CO., LTD.
(72) NAKATANI, Yoshiyuki
TAKAGIMOTO, Shinsuke
(31) 2016094818
(32) 10.05.2016
(33) Japan
-
- (51) B60Q 1/30
B60Q 1/32
B60Q 1/38
B60Q 1/46
(11) EP2722228
(21) EP13002970.5
(47) 01.05.2019
(22) 10.06.2013
(54) Lighting and signal device of a multi-track motor vehicle
(73) MAN Truck & Bus AG
(72) Foscari, Nicola
Kaiser, Stephan
Strauß, Johannes
(31) 102012020441
(32) 18.10.2012
(33) Germany
-
- (51) B60Q 1/46
B60Q 1/44
(11) EP3180210
(21) EP15832489.7
(47) 01.05.2019
(87) SE2015050843
18.02.2016
(22) 03.08.2015
- (54) SYSTEM AND METHOD FOR SAFETY IMPROVEMENT DURING OPERATION OF A MOTOR VEHICLE
(73) Scania CV AB
(72) LILJESTRAND, Andreas
(31) 1450938
(32) 13.08.2014
(33) Sweden
-
- (51) B60Q 7/00
(11) EP3257706
(21) EP16194569.6
(47) 01.05.2019
(22) 19.10.2016
(54) WARNING TRIANGLE WITH VEHICLE DISTANCE DISPLAY
(73) Bremicker Verkehrstechnik GmbH & Co. KG
Fink SAFETY GmbH
(72) Dopfer, Herbert
Borst, Matthias
Fietkau, Jürgen
(31) 102015117924
(32) 21.10.2015
(33) Germany
-
- (51) B60Q 11/00
H05B 33/08
(11) EP2676844
(21) EP12747380.9
(47) 01.05.2019
(87) JP2012053177
23.08.2012
(22) 10.02.2012
(54) VEHICLE LED LIGHTING DEVICE
(73) HONDA MOTOR CO., LTD.
(72) TSUCHIYA, Yosuke
(31) 2011030821
(32) 16.02.2011
(33) Japan
-
- (51) B60R 1/00
B60W 30/00
(11) EP3328686
(21) EP16757819.4
(47) 01.05.2019
(87) DE2016200313
09.02.2017
(22) 11.07.2016
(54) METHOD AND DEVICE FOR DISPLAYING THE SURROUNDING FIELD OF A TRACTOR AND TRAILER
(73) Conti Temic Microelectronic GmbH
(72) LÖHR, Felix
SCHREPFER, Jörg
(31) 102015214611
(32) 31.07.2015
(33) Germany
-
- (51) B60R 1/074
F16C 17/04
(11) EP3141430
(21) EP15872006.0
(47) 01.05.2019
(87) ES2015070830
30.06.2016
(22) 19.11.2015
(54) SYSTEM FOR THE ROTATION OF A REAR VIEW MIRROR FRAME
(73) Compañía Levantina de Reductores S.L.
(72) MARTIN PINA, Vicente
PICÓ ANTOLÍ, Arturo

(31) 201401033	(54) CAMERA MOUNTING APPARATUS	(33) Japan
(32) 22.12.2014	(73) Alpine Electronics, Inc.	(51) B60R 22/48
(33) Spain	(72) Galos, Andreas	B60N 2/00
(51) B60R 7/04	(51) B60R 16/00	B60N 2/427
(11) EP3132975	B60R 16/023	B60R 21/207
(21) EP16184470.9	(11) EP2547554	B60N 2/28
(47) 01.05.2019	(21) EP11715574.7	B60N 2/42
(22) 17.08.2016	(47) 01.05.2019	B60R 21/18
(54) MOUNTING DEVICE FOR MOUNTING AN ADAPTER DEVICE FOR FIXING HOLDER BODIES TO A MOTOR VEHICLE SEAT	(87) FR2011000130	(11) EP3274212
(73) Würth International AG	22.09.2011	(21) EP16709312.9
(72) KOCH, Simon	(22) 11.03.2011	(47) 01.05.2019
STARKE, Johannes	(54) SWITCHING DEVICE FOR STEERING COLUMN OF A VEHICLE	(87) EP2016054600
HOHL, Wolfgang	(73) SC2N	29.09.2016
(31) 102015113584	(72) HALLET, Michel	(22) 03.03.2016
(32) 17.08.2015	(31) 1001052	(54) CHILD CAR SEAT WITH SYSTEM FOR DOUBLE-THRESHOLD TRIGGERING OF ACTIVE PROTECTION MEANS
(33) Germany	(32) 16.03.2010	(73) Dorel France
(51) B60R 7/04	(33) France	(72) GARNIER, Nicolas
B60R 7/10	(51) B60R 21/23	RENAUDIN, François
(11) EP3288799	B60R 21/232	QUARREY, Alexandre
(21) EP16717843.3	B60R 21/213	(31) 1552404
(47) 01.05.2019	(11) EP3042806	(32) 23.03.2015
(87) EP2016055595	(21) EP14841717.3	(33) France
10.11.2016	(47) 01.05.2019	(51) B60R 25/0215
(22) 15.03.2016	(87) KR2014008268	(11) EP3300964
(54) APPARATUS FOR HANGING OBJECTS ON A VEHICLE SEAT	12.03.2015	(21) EP17190759.5
(73) Kinetix AG	(22) 03.09.2014	(47) 01.05.2019
(72) ACKERET, Peter	(54) AIRBAG AND MANUFACTURING METHOD THEREFOR	(22) 13.09.2017
KELLER, Michael Andreas	(73) Kolon Industries, Inc.	(54) STEERING LOCK DEVICE
(31) 6022015	(72) KIM, Hyung-Keun	(73) Kabushiki Kaisha Tokai Rika Denki Seisakusho
(32) 01.05.2015	KIM, Hee-Jun	(72) OKUDA, Koji
(33) Switzerland	KWAK, Dong-Jin	MATSUMOTO, Masakazu
(51) B60R 9/045	LEE, Sang Mok	MORISHITA, Takuma
(11) EP3271214	(31) 20130105700	MATSUYAMA, Takanori
(21) EP16714997.0	(32) 03.09.2013	SEKINE, Naoki
(47) 01.05.2019	(33) Korea (Republic)	MAEKAWA, Mineo
(87) FR2016050484	(51) B60R 21/2338	(31) 2016189961
29.09.2016	B60R 21/231	(32) 28.09.2016
(22) 03.03.2016	B60R 21/237	(33) Japan
(54) ROOF RACK FOR A MOTOR VEHICLE	B60R 21/233	(51) B60R 25/33
(73) PSA AUTOMOBILES S.A.	B60R 21/207	(11) EP3433142
(72) MAINGRET, Denis	(11) EP2979934	(21) EP17748691.7
(31) 1552305	(21) EP15176070.9	(47) 01.05.2019
(32) 20.03.2015	(47) 01.05.2019	(87) EP2017068677
(33) France	(22) 09.07.2015	17.05.2018
(51) B60R 11/04	(54) FAR-SIDE AIRBAG APPARATUS	(22) 24.07.2017
(11) EP3074278	(73) Toyota Gosei Co., Ltd.	(54) CONTROL METHOD FOR A CENTRAL LOCKING SYSTEM, CENTRAL LOCKING SYSTEM AND MOTOR VEHICLE
(21) EP14806177.3	(72) Yamanaka, Takayuki	(73) Audi AG
(47) 01.05.2019	Masuda, Yasushi	(72) SCHLITTENBAUER, Michael
(87) EP2014003145	Matsuzaki, Yuji	(31) 102016221924
04.06.2015	(31) 2014154108	(32) 09.11.2016
(22) 26.11.2014	2014161792	(33) Germany
(54) MOTOR VEHICLE CAMERA SYSTEM	(32) 29.07.2014	(51) B60R 25/40
(73) Huf Hülsbeck & Fürst GmbH & Co. KG	(33) Japan	B60R 16/03
(72) BUSCHMANN, Gerd	Japan	B60L 1/00
SCHÜTZ, Heiko	(51) B60R 21/36	G06F 1/32
(31) 102013018022	(11) EP3056392	H01H 83/00
(32) 27.11.2013	(21) EP16154614.8	(11) EP3169558
(33) Germany	(47) 01.05.2019	(21) EP15745413.3
(51) B60R 11/04	(22) 08.02.2016	(47) 01.05.2019
(11) EP3318447	(54) PEDESTRIAN PROTECTION AIRBAG DEVICE	(87) EP2015066048
(21) EP16197848.1	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	21.01.2016
(47) 01.05.2019	(72) HIGASHIMACHI, Naoya	(22) 14.07.2015
(22) 08.11.2016	(31) 2015024549	
	(32) 10.02.2015	

- (54) INFOTAINMENT SYSTEM FOR A VEHICLE
(73) Continental Automotive GmbH
(72) BRAUN, Holger
WEBER, Wolfgang
(31) 102014213922
(32) 17.07.2014
(33) Germany
-
- (51) B60S 1/04
(11) EP3174764
(21) EP15741991.2
(47) 01.05.2019
(87) EP2015066808
04.02.2016
(22) 22.07.2015
- (54) WINDSHIELD WIPER ASSEMBLY
(73) Volkswagen Aktiengesellschaft
(72) JUNGGEBAUER, Jens
KULINNA, Hans-Jürgen
(31) 102014214985
(32) 30.07.2014
(33) Germany
-
- (51) B60S 1/04
B60S 1/52
B60S 1/34
(11) EP3138740
(21) EP16185937.6
(47) 01.05.2019
(22) 26.08.2016
- (54) CLEANING ARRANGEMENT FOR CLEANING A VEHICLE WINDOW
(73) Valeo Systèmes d'Essuyage
(72) WAIBLE, Siegfried
SCHOBER, Claudia
KALMBACH, Kristina
(31) 102015114930
(32) 07.09.2015
(33) Germany
-
- (51) B60S 1/08
B60S 1/52
B60S 1/56
G02B 27/00
(11) EP3006279
(21) EP15186193.7
(47) 01.05.2019
(22) 22.09.2015
- (54) DEVICE FOR CLEANING A DRIVING ASSISTANCE CAMERA OF A MOTOR VEHICLE
(73) Valeo Systèmes d'Essuyage
(72) TREBOUET, Marcel
(31) 1459716
(32) 10.10.2014
(33) France
-
- (51) B60S 1/08
H02H 7/08
(11) EP2658750
(21) EP11804975.8
(47) 01.05.2019
(87) EP2011072151
05.07.2012
(22) 08.12.2011
- (54) PROTECTIVE CIRCUIT IN A SCREEN WIPER DRIVE AND SCREEN WIPER DRIVE
(73) Valeo Systèmes d'Essuyage
(72) ROMMEL, Marco
KIERSTEN, Peter
- CHUBERT, Armin
(31) 102010056361
(32) 29.12.2010
(33) Germany
-
- (51) B60S 1/16
B60S 1/18
B60S 1/26
B60S 1/34
F16C 3/28
F16H 21/42
H02K 7/116
(11) EP2639119
(21) EP11847428.7
(47) 01.05.2019
(87) JP2011077569
14.06.2012
(22) 29.11.2011
- (54) WIPER MOTOR
(73) Mitsuba Corporation
(72) TOKIZAKI, Teppei
OTA, Shigeki
(31) 2010276021
(32) 10.12.2010
(33) Japan
-
- (51) B60S 1/38
B60S 1/40
(11) EP3169563
(21) EP15738373.8
(47) 01.05.2019
(87) EP2015066367
21.01.2016
(22) 16.07.2015
- (54) FLAT AERODYNAMIC WINDSCREEN WIPER BLADE
(73) Valeo Systèmes d'Essuyage
(72) GAUCHER, Vincent
HOUSSAT, Stéphane
POTON, Eric
(31) 1456919
1458729
(32) 17.07.2014
16.09.2014
(33) France
France
-
- (51) B60S 1/38
B60S 1/40
(11) EP3126197
(21) EP15772912.0
(47) 01.05.2019
(87) US2015023571
08.10.2015
(22) 31.03.2015
- (54) WINTER WIPER ASSEMBLY
(73) Trico Products Corporation
(72) AVASILOAIE, Valentin
EHDE, Daniel
POLOCOSER, Mitica
(31) 201414242053
(32) 01.04.2014
(33) United States of America
-
- (51) B60S 1/38
B60S 1/48
B60S 1/52
(11) EP3138746
(21) EP16185925.1
(47) 01.05.2019
(22) 26.08.2016
- (54) CLEANING ARRANGEMENT FOR THE CLEANING OF VEHICLE WINDOWS, AND WIPER DEVICE
(73) Valeo Systèmes d'Essuyage
(72) WAIBLE, Siegfried
SCHOBER, Claudia
KALMBACH, Kristina
(31) 102015114928
(32) 07.09.2015
(33) Germany
-
- (51) B60S 1/40
B60S 1/34
(11) EP3131796
(21) EP15774100.0
(47) 01.05.2019
(87) US2015023584
08.10.2015
(22) 31.03.2015
- (54) WIPER ADAPTER AND WIPER ASSEMBLY INCORPORATING THE SAME
(73) Trico Products Corporation
(72) POLOCOSER, Mitica
MOLL, Kyle
(31) 201414231951
(32) 01.04.2014
(33) United States of America
-
- (51) B60S 1/48
B60S 1/50
B60S 1/52
(11) EP3007944
(21) EP14736653.8
(47) 01.05.2019
(87) EP2014062372
18.12.2014
(22) 13.06.2014
- (54) METHOD FOR WASHING A WINDOW OF A VEHICLE
(73) Valeo Systèmes d'Essuyage
(72) NEGRE, Pierre-Emmanuel
KOLANOWSKI, Grégory
GRASSO, Giuseppe
TREBOUET, Marcel
(31) 1355547
(32) 14.06.2013
(33) France
-
- (51) B60S 1/52
(11) EP2607191
(21) EP12196263.3
(47) 01.05.2019
(22) 10.12.2012
- (54) Windscreen-wiper device comprising a means for limiting a curvature adopted by a flexible tube for supplying washing liquid
(73) Valeo Systèmes d'Essuyage
(72) Jarasson, Jean-Michel
(31) 1161898
(32) 19.12.2011
(33) France
-
- (51) B60T 7/04
B60T 7/12
B60T 7/22
B60T 8/1755
B60W 30/08
B60W 30/085
B60W 30/09
B60W 30/095
G08G 1/16

- (11) EP2900528
(21) EP13756818.4
(47) 01.05.2019
(87) EP2013002519
03.04.2014
(22) 21.08.2013
(54) METHOD AND DEVICE FOR
OPERATING A VEHICLE AND VEHICLE
HAVING SUCH A DEVICE
(73) Robert Bosch GmbH
(72) BOGENRIEDER, Ralf
BRENK, Carsten
LAUBACHER, Karl-Eugen
(31) 102012019300
(32) 29.09.2012
(33) Germany
(51) B60T 7/06
B60R 21/09
F16B 21/12
G05G 1/445
F16B 21/08
(11) EP2814702
(21) EP13704406.1
(47) 01.05.2019
(87) EP2013052638
22.08.2013
(22) 11.02.2013
(54) AXE FIXATION MEANS ON A VEHICLE
ELEMENT
(73) Renault S.A.S.
(72) MERLIN, Fabrice
(31) 1251350
(32) 14.02.2012
(33) France
(51) B60T 7/10
B60T 13/74
F16D 55/08
F16D 65/18
H01R 13/00
H02K 5/22
(11) EP2921358
(21) EP14161069.1
(47) 01.05.2019
(22) 21.03.2014
(54) Actuator assembly
(73) IMS Gear SE & Co. KGaA
(72) Ambs, Marcel
Fechler, Jens
Böttger, Florian
(51) B60T 7/10
G05G 1/04
B60R 25/08
(11) EP2607193
(21) EP12189038.8
(47) 01.05.2019
(22) 18.10.2012
(54) Handbrake lever mechanism
(73) Nissan Motor Manufacturing (UK) Ltd.
(72) Salmasi, Vartan
(31) 201118008
(32) 19.10.2011
(33) United Kingdom
(51) B60T 8/175
B60K 31/04
B60W 30/14
(11) EP2885174
(21) EP13750063.3
(47) 01.05.2019
(87) EP2013067095
20.02.2014
(22) 15.08.2013
(54) VEHICLE SPEED CONTROL SYSTEM
AND METHOD WITH EXTERNAL
FORCE COMPENSATION
(73) Jaguar Land Rover Limited
(72) FAIRGRIEVE, Andrew
WOOLLISCROFT, Daniel
KELLY, James
(31) 201214651
(32) 16.08.2012
(33) United Kingdom
(51) B60T 8/1755
(11) EP2855217
(21) EP13711821.2
(47) 01.05.2019
(87) US2013031469
27.12.2013
(22) 14.03.2013
(54) PREDICTIVE VEHICLE STABILITY
CONTROL METHOD
(73) Eaton Corporation
(72) CHIMNER, Christian, T.
GROGG, John, A.
(31) 201261662553 P
(32) 21.06.2012
(33) United States of America
(51) B60T 8/36
(11) EP2960124
(21) EP15002159.0
(47) 01.05.2019
(22) 10.05.2011
(54) HYDRAULIC ASSEMBLY FOR A
VEHICLE BRAKE SYSTEM
(73) Lucas Automotive GmbH
(72) Gilles, Leo
Köth, Boris
(31) 102010020002
(32) 10.05.2010
(33) Germany
(51) B60T 8/88
B60T 7/12
(11) EP3000674
(21) EP15186840.3
(47) 01.05.2019
(22) 25.09.2015
(54) ELECTRONIC BRAKE SUPPORT
SYSTEM FOR USE WHEN SERVICE
BRAKE SYSTEM HAS FAILED OR IS
DEGRADED
(73) Continental Automotive Systems, Inc.
(72) Coullard, Bryan
Goodrich, Daniel Gregory
Tuhro, Matthew Conrad
(31) 201414495939
(32) 25.09.2014
(33) United States of America
(51) B60T 13/14
B60T 8/48
B60T 13/68
(11) EP3380372
(21) EP16797743.8
(47) 01.05.2019
(87) EP2016001893
01.06.2017
(22) 14.11.2016
(54) HYDRAULIC BRAKE SYSTEM
(73) WABCO GmbH
(72) BRÜTT, Mirko
HAVERKAMP, Michael
(31) 102015015472
(32) 28.11.2015
(33) Germany
(51) B60T 13/26
B60T 8/50
B60T 13/68
(11) EP3025919
(21) EP15003174.8
(47) 01.05.2019
(22) 06.11.2015
(54) METHOD FOR CONTROLLING A
PNEUMATIC BRAKING SYSTEM
AND SUCH A PNEUMATIC BRAKING
SYSTEM FOR A VEHICLE
(73) WABCO GmbH
(72) Lenz, Thomas
Roters, Gerd
(31) 102014017683
(32) 28.11.2014
(33) Germany
(51) B60T 13/26
B60T 13/68
B60T 17/22
B60T 7/20
B60T 8/26
(11) EP2164733
(21) EP08758580.8
(47) 01.05.2019
(87) EP2008003952
20.11.2008
(22) 16.05.2008
(54) BRAKING SYSTEM FOR A
UTILITY VEHICLE THAT CAN BE
PNEUMATICALLY COUPLED TO
A TRAILER, AND METHOD FOR
OPERATING SUCH A BRAKING
SYSTEM
(73) KNORR-BREMSE Systeme für
Nutzfahrzeuge GmbH
(72) HILBERER, Eduard
(31) 102007023345
(32) 16.05.2007
(33) Germany
(51) B60T 13/68
B60T 13/26
B60T 15/04
B60T 13/36
(11) EP2998177
(21) EP14185637.7
(47) 01.05.2019
(22) 19.09.2014
(54) Apparatus for controlling a pneumatic park
brake actuation
(73) KNORR-BREMSE Systeme für
Nutzfahrzeuge GmbH
(72) Nemeth, Huba
Frank, Peter
Szell, Peter
(51) B60T 17/08
(11) EP2847049
(21) EP13740080.0
(47) 01.05.2019
(87) TR2013000189
14.11.2013
(22) 10.05.2013

(54) A METHOD FOR PRODUCING AN EMERGENCY BRAKE CYLINDER WITH A NON DETACHABLE BODY CONNECTION SYSTEM	(22) 31.10.2011 (54) Control apparatus for vehicle and control method therefor	(32) 14.10.2009 (33) Japan
(73) Arfesan Arkan Fren Elemanlari Sanayi Ve Ticaret A.S.	(73) JATCO Ltd Nissan Motor Co., Ltd.	(51) B60W 20/11 B60K 6/48 B60W 10/02 B60W 10/06 B60W 10/08 B60W 30/18
(72) BURTAN ARKAN, Fuat BATTAL, Yavuz KULAC F., Omer	(72) Akebono, Hiromichi Yamamoto, Hideharu Miura, Kota Saito, Hisashi	(11) EP2447120 (21) EP11187246.1 (47) 01.05.2019 (22) 31.10.2011
(31) 201205517 (32) 11.05.2012 (33) Turkey	(31) 2010245721 (32) 01.11.2010 (33) Japan	(54) Vehicle control apparatus and vehicle control method
(51) B60W 10/02 B60W 30/18 B60W 50/00 (11) EP3268254 (21) EP16714992.1 (47) 01.05.2019 (87) FR2016050470 15.09.2016 (22) 02.03.2016	(51) B60W 10/08 B60K 6/48 B60K 6/543 B60W 20/00 (11) EP3272606 (21) EP15886217.7 (47) 01.05.2019 (87) JP2015058404 29.09.2016 (22) 20.03.2015	(73) JATCO Ltd Nissan Motor Co., Ltd. (72) Akebono, Hiromichi Yamamoto, Hideharu Miura, Kota Saito, Hisashi (31) 2010245718 (32) 01.11.2010 (33) Japan
(54) METHOD AND DEVICE FOR CONTROLLING THE OPENING / CLOSING OF THE DRIVE TRAIN OF A VEHICLE FOLLOWING AN OTHER VEHICLE	(54) DAMPING CONTROL DEVICE FOR HYBRID VEHICLE	(51) B60W 20/13 B60K 28/16 B60L 1/02 B60L 3/10 B60L 7/14 B60L 7/18 B60L 3/00 B60L 7/26 B60L 11/14 B60L 11/18 B60L 15/20 B60W 10/08 B60W 10/184 B60W 20/00 B60W 30/18
(73) PSA AUTOMOBILES S.A. (72) DESCHAMPS, Vincent LEFRANC, Sébastien	(73) Nissan Motor Co., Ltd. (72) ORITA, Shuichi	(11) EP2543536 (21) EP10846986.7 (47) 01.05.2019 (87) JP2010053355 09.09.2011 (22) 02.03.2010
(31) 1551973 (32) 10.03.2015 (33) France	(51) B60W 10/08 B60W 10/02 B60W 20/00 B60W 30/18 B60W 30/186 B60W 20/40 (11) EP2447123 (21) EP11187252.9 (47) 01.05.2019 (22) 31.10.2011	(54) REGENERATION CONTROL SYSTEM FOR VEHICLE
(51) B60W 10/06 B60K 6/44 B60W 10/02 B60W 10/08 B60W 20/00 B60W 20/40 B60W 50/08 (11) EP2636566 (21) EP10859253.6 (47) 01.05.2019 (87) JP2010069583 10.05.2012 (22) 04.11.2010	(54) Vehicle control apparatus and vehicle control method	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(54) HYBRID DRIVE DEVICE FOR VEHICLE	(73) JATCO Ltd Nissan Motor Co., Ltd.	(72) SHIMASAKI, Yuichi FUTONAGANE, Yoshinori HIRAI, Takuya
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) KANAYAMA, Takeshi HAYASHI, Koji HORI, Tetsuo MARUYAMA, Tomoyuki NISHIMINE, Akiko MIYAGAWA, Takeshi FURUKAWA, Tomoaki YAMAMURA, Norihiro SATO, Akihiro II, Ryoki	(72) Akebono, Hiromichi Yamamoto, Hideharu Miura, Kota Saito, Hisashi (31) 2010245719 (32) 01.11.2010 (33) Japan	(51) B60W 30/02 B60C 23/20 B60W 10/20 B62D 6/00 (11) EP2612797 (21) EP10856734.8 (47) 01.05.2019 (87) JP2010065183 08.03.2012 (22) 03.09.2010
(51) B60W 10/06 B60W 30/18 B60W 30/186 B60W 20/40 B60W 20/11 B60W 10/02 B60W 10/08 B60W 20/00 (11) EP2447122 (21) EP11187251.1 (47) 01.05.2019	(51) B60W 20/00 B60W 10/06 B60K 6/48 B60K 6/54 B60W 10/08 B60W 10/02 B60K 6/547 B60W 30/18 B60L 50/60 B60L 50/00 (11) EP2489565 (21) EP10823391.7 (47) 01.05.2019 (87) JP2010067905 21.04.2011 (22) 13.10.2010	(54) VEHICLE CONTROL SYSTEM AND CONTROL DEVICE
	(54) CONTROL APPARATUS FOR HYBRID VEHICLE	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) IGARASHI, Masashi
	(73) NISSAN MOTOR CO., LTD. (72) MATSUI, Hiroki (31) 2009237193	(51) B60W 30/14 (11) EP2885184 (21) EP13748332.7 (47) 01.05.2019

(87) EP2013067010 20.02.2014	Yamamoto, Hideharu Miura, Kota	(73) Siemens Mobility GmbH (72) VEMMER, Friedrich
(22) 14.08.2013	Saito, Hisashi	(31) 102014207471
(54) VEHICLE SPEED CONTROL SYSTEM	(31) 2010245717	(32) 17.04.2014
(73) Jaguar Land Rover Limited	(32) 01.11.2010	(33) Germany
(72) FAIRGIREVE, Andrew WOOLLISCROFT, Daniel KELLY, James SOUTHGATE, Adam	(33) Japan (51) B60W 50/10 B60W 50/14 B60W 30/16	(51) B61F 9/00 (11) EP2891590 (21) EP14197347.9 (47) 01.05.2019
(31) 201214651 201307885	(11) EP3331741 (21) EP16744817.4	(22) 11.12.2014
(32) 16.08.2012 01.05.2013	(47) 01.05.2019 (87) FR2016051762	(54) Guided land vehicle including a device for managing a derailment of the vehicle, and related method for managing the derailment
(33) United Kingdom United Kingdom	(09.02.2017 (22) 08.07.2016	(73) ALSTOM Transport Technologies (72) Flamanc, Emmanuel
(51) B60W 30/14 (11) EP3274232 (21) EP16711331.5 (47) 01.05.2019	(54) METHOD FOR OPERATING AN AUTOMATED MOTOR-VEHICLE DRIVE ASSISTANCE SYSTEM	(31) 1362420 (32) 11.12.2013 (33) France
(87) FR2016050485 29.09.2016	(73) PSA AUTOMOBILES S.A. (72) FERON, Stéphane TACCORI DUVERGEY, Céline LAINE, Vincent	(51) B61L 1/20 G06F 21/57 H04L 29/06 (11) EP3253638 (21) EP16714339.5 (47) 01.05.2019
(22) 03.03.2016	DRAP, Raphaël ETCHEVERRY, Céline	(87) EP2016056565 06.10.2016
(54) DEVICE FOR CONTROLLING THE SPEED OF A VEHICLE BY APPLYING A DECELERATION PROFILE THAT IS MATCHED TO AN UPCOMING SPEED LIMIT	(31) 1557470 (32) 03.08.2015 (33) France	(22) 24.03.2016
(73) PSA AUTOMOBILES S.A. (72) FERON, Stephane TACCORI DUVERGEY, Celine LAINE, Vincent	(51) B61B 12/00 B61B 12/06 (11) EP3265357 (21) EP16722398.1 (47) 01.05.2019	(54) METHOD FOR MONITORING A NETWORK COMPONENT, AND ARRANGEMENT COMPRISING A NETWORK COMPONENT AND A MONITORING DEVICE
(31) 1552540 (32) 26.03.2015 (33) France	(87) IT2016000055 09.09.2016	(73) Siemens Mobility GmbH (72) BRABAND, Jens (31) 102015205607 (32) 27.03.2015 (33) Germany
(51) B60W 30/14 B60K 31/04 B60T 8/175 (11) EP2885186 (21) EP13748355.8 (47) 01.05.2019	(22) 03.03.2016 (54) CABLEWAY INSTALLATION, METHOD FOR ENHANCING SECURITY OF A CABLEWAY INSTALLATION AND SECURITY SYSTEM FOR A CABLEWAY INSTALLATION	(51) B61L 15/00 B61L 27/00 (11) EP3259171 (21) EP16713406.3 (47) 01.05.2019 (87) EP2016056838 20.10.2016
(87) EP2013067092 20.02.2014	(73) Eurotech SPA (72) ISOLI, Bruno (31) UB20150167 (32) 05.03.2015 (33) Italy	(22) 30.03.2016
(22) 15.08.2013	(51) B61C 17/04 (11) EP2889199 (21) EP14195581.5 (47) 01.05.2019	(54) METHOD FOR OPERATING A TRAIN SAFETY ASSEMBLY, TRAIN SAFETY ASSEMBLY, AND RAIL VEHICLE COMPRISING A TRAIN SAFETY ASSEMBLY
(54) SYSTEM AND METHOD FOR CONTROLLING VEHICLE SPEED TO ENHANCE OCCUPANT COMFORT	(22) 01.12.2014 (54) Device for cooling components, in particular for a rail vehicle	(73) Siemens Mobility GmbH (72) SIMON, Frank (31) 102015206666 (32) 14.04.2015 (33) Germany
(73) Jaguar Land Rover Limited (72) FAIRGRIEVE, Andrew KELLY, James WOOLLISCROFT, Daniel	(73) ALSTOM Transport Technologies (72) Do, Huu-Thi Faucher, Tony	
(31) 201214651 (32) 16.08.2012 (33) United Kingdom	(31) 1362269 (32) 06.12.2013 (33) France	(51) B61L 15/00 B61L 27/00 B61L 3/00 B61L 23/34 B61L 25/02
(51) B60W 30/186 B60W 20/40 B60W 10/02 B60W 10/08 B60W 20/00 B60W 30/18 (11) EP2447124 (21) EP11187253.7 (47) 01.05.2019	(51) B61D 13/00 B61G 5/02 (11) EP3105098 (21) EP15741835.1 (47) 01.05.2019	(11) EP2733042 (21) EP13191851.8 (47) 01.05.2019 (22) 07.11.2013
(22) 31.10.2011	(87) EP2015056435 22.10.2015	(54) Operations-related information display system and method using real-time train traveling information
(54) Vehicle control apparatus and vehicle control method	(22) 25.03.2015 (54) ARTICULATED CONNECTION FOR A RAIL VEHICLE	(73) Hitachi, Ltd.
(73) JATCO Ltd Nissan Motor Co., Ltd. (72) Akebono, Hiromichi		

(72) Morifuji, Miki	LANE CHANGE OF AN AUTOMATED	(31) 102012214561
(31) 2012252853	VEHICLE, BY SELECTION OF THE	(32) 16.08.2012
(32) 19.11.2012	LANE AND VALIDATION	(33) Germany
(33) Japan	(73) PSA AUTOMOBILES S.A.	(51) B62D 65/00
(51) B62D 5/04	(72) FERON, Stephane	B65G 47/74
B62D 113/00	TACCORI DUVERGEY, Celine	(11) EP3201072
(11) EP3170720	LAINÉ, Vincent	(21) EP15709658.7
(21) EP15845587.3	(31) 1552236	(47) 01.05.2019
(47) 01.05.2019	(32) 18.03.2015	(87) EP2015054563
(87) JP2015067186	(33) France	07.04.2016
07.04.2016	(51) B62D 25/10	(22) 05.03.2015
(22) 15.06.2015	B60R 21/38	(54) REPLACEMENT DEVICE FOR
(54) ELECTRIC POWER STEERING DEVICE	(11) EP3095680	CLAMPING AND/OR CENTERING
(73) NSK Ltd.	(21) EP14878872.2	SUBASSEMBLIES
(72) IMAMURA, Yukihiro	(47) 01.05.2019	(73) TMS Turnkey Manufacturing Solutions
(31) 2014203250	(87) JP2014081289	GmbH
2014203251	23.07.2015	(72) PUR, Miroslav
(32) 01.10.2014	(22) 26.11.2014	(31) 506912014
01.10.2014	(54) VEHICLE POP-UP HOOD DEVICE	(32) 29.09.2014
(33) Japan	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(33) Austria
Japan	(72) NARITA, Sohtaro	(51) B62J 9/00
(51) B62D 6/00	FUKASAWA, Akihito	B62J 7/08
B62D 5/04	(31) 2014005745	(11) EP2586687
B62D 101/00	(32) 16.01.2014	(21) EP12186622.2
B62D 117/00	(33) Japan	(47) 01.05.2019
B62D 119/00	(51) B62D 25/20	(22) 28.09.2012
B62D 137/00	(11) EP3100935	(54) Saddle type vehicle with mounting structure
(11) EP3192721	(21) EP16161885.5	for trunk device
(21) EP14901456.5	(47) 01.05.2019	(73) Honda Motor Co., Ltd.
(47) 01.05.2019	(22) 23.03.2016	(72) Taniguchi, Masayuki
(87) JP2014074249	(54) MOTOR-VEHICLE FLOOR PANEL	Ikezaki, Masahiko
17.03.2016	STRUCTURE	Kawano, Shizuo
(22) 12.09.2014	(73) FCA Italy S.p.A.	(31) 2011238442
(54) STEERING CONTROL DEVICE	(72) CESARANO, Antonio	(32) 31.10.2011
(73) Mitsubishi Electric Corporation	STOENESCU, Bogdan	(33) Japan
(72) TODA, Taizo	DEL NERO, Gianfranco	(51) B62J 15/00
OGAWA, Kenji	(31) UB20151088	(11) EP3000701
ENDO, Masaya	(32) 04.06.2015	(21) EP15186292.7
(51) B62D 6/00	(33) Italy	(47) 01.05.2019
B62D 101/00	(51) B62D 29/00	(22) 22.09.2015
B62D 113/00	B62D 33/04	(54) BICYCLE MUDGUARD
B62D 119/00	(11) EP2865584	(73) Büchel GmbH & Co. Fahrzeugteilefabrik KG
B62D 137/00	(21) EP14197221.6	(72) Büchel, Erhard
B62D 5/04	(47) 01.05.2019	Junghänel, Mirko
(11) EP3246227	(22) 29.05.2009	(31) 202014104551 U
(21) EP16814434.3	(54) Method for manufacturing a commercial	(32) 23.09.2014
(47) 01.05.2019	vehicle structure	(33) Germany
(87) JP2016068637	(73) Kögel Trailer GmbH & Co. KG	(51) B62K 5/007
29.12.2016	(72) Lima, Joachim	B60K 31/04
(22) 23.06.2016	(31) 102008026559	B62K 5/025
(54) DRIVING ASSISTANCE CONTROL	102009010616	B62K 11/14
DEVICE USING ELECTRIC POWER	(32) 03.06.2008	B62K 23/06
STEERING MECHANISM	25.02.2009	(11) EP3299268
(73) NSK LTD.	(33) Germany	(21) EP17193552.1
(72) ENDO, Shuji	Germany	(47) 01.05.2019
(31) 2015128761	(51) B62D 57/028	(22) 27.09.2017
(32) 26.06.2015	B62D 61/12	(54) CRUISE CONTROL SYSTEM FOR
(33) Japan	B64G 1/00	ELECTRIC MOBILITY SCOOTER
(51) B62D 15/02	B60P 1/02	AND ELECTRIC MOBILITY SCOOTER
B60K 35/00	(11) EP2698307	THEREWITH
(11) EP3271236	(21) EP13180353.8	(73) STG Consulting Co., Limited
(21) EP16714998.8	(47) 01.05.2019	(72) Dong, Qian
(47) 01.05.2019	(22) 14.08.2013	Chu, Zhongwei
(87) FR2016050486	(54) Mobile robot apparatus and payload module	(31) 201662400345 P
22.09.2016	for use with a mobile robot device	201715715928
(22) 03.03.2016	(73) Deutsches Zentrum für Luft- und Raumfahrt	(32) 27.09.2016
(54) METHOD AND DEVICE FOR	e.V.	26.09.2017
CONTROLLING THE AUTOMATED	(72) Wedler, Dr. Armin	(33) United States of America

United States of America	(73) Suzhou Industrial Park Tongsheng Bicycle Co., Ltd.	(33) Italy
(51) B62K 15/00	(72) MA, Qingyi	(51) B63B 35/50
(11) EP2897855	(31) 201410498758	G02B 27/01
(21) EP13838377.3	(32) 25.09.2014	(11) EP3034389
(47) 01.05.2019	(33) China	(21) EP15200852.0
(87) US2013032840	(51) B63B 1/12	(47) 01.05.2019
27.03.2014	B63B 15/00	(22) 17.12.2015
(22) 18.03.2013	B63B 43/02	(54) NAVAL PLATFORM WITH AN
(54) FOLDING BICYCLE	B63B 3/06	AVIATION AREA FOR EXAMPLE FOR
(73) Priest, Richard	B63B 41/00	OPERATING A DRONE
Fu, Warren	B63J 3/00	(73) NAVAL GROUP
Casablanca, Julian	(11) EP3145804	(72) MORESVE, Julien
(72) Priest, Richard	(21) EP14892843.5	MATHIEU, Benoît Pierre Henri
Fu, Warren	(47) 01.05.2019	LE GUEN, Pierre-Yves André
Casablanca, Julian	(87) SE2014000066	(31) 1402888
(31) 201213622890	26.11.2015	(32) 17.12.2014
(32) 19.09.2012	(22) 22.05.2014	(33) France
(33) United States of America	(54) UNMANNED SURFACE VEHICLE	(51) B63G 8/00
(51) B62K 25/04	(73) SAAB AB	(11) EP3066005
B62M 3/00	(72) RYDELL, Anders	(21) EP14809953.4
B62K 19/00	(51) B63B 3/68	(47) 01.05.2019
(11) EP3188955	B63B 29/02	(87) GB2014053294
(21) EP15785199.9	B63B 29/14	14.05.2015
(47) 01.05.2019	E04G 23/02	(22) 05.11.2014
(87) NL2015000026	(11) EP2481664	(54) TOOLS AND SENSORS DEPLOYED BY
10.03.2016	(21) EP12152030.8	UNMANNED UNDERWATER VEHICLES
(22) 31.08.2015	(47) 01.05.2019	(73) Subsea 7 Limited
(54) BICYCLE	(22) 23.01.2012	(72) FERGUSON, Hugh Cameron
(73) Goes, Johannes Marie Quirinus	(54) A method for repairing a wall structure and a	JAMIESON, James Andrew
Tribotté, Pascal	wall element	(31) 201319535
(72) Goes, Johannes Marie Quirinus	(73) Almaco Group Oy	(32) 05.11.2013
Tribotté, Pascal	(72) Ruusu, Riku Petteri	(33) United Kingdom
(31) 1040932	(31) 20115092	(51) B63H 1/28
(32) 01.09.2014	(32) 31.01.2011	B63H 5/16
(33) Netherlands	(33) Finland	(11) EP2994379
(51) B62M 6/45	(51) B63B 25/24	(21) EP14717112.8
B62M 6/50	B60P 7/08	(47) 01.05.2019
B60L 50/20	B63B 25/28	(87) EP2014056412
B62J 99/00	(11) EP2526015	13.11.2014
(11) EP3275774	(21) EP11734940.7	(22) 31.03.2014
(21) EP17170830.8	(47) 01.05.2019	(54) APPARATUS TO REDUCE
(47) 01.05.2019	(87) SE2011050060	REQUIRED PROPULSION POWER OF
(22) 12.05.2017	28.07.2011	WATERBORNE VESSEL
(54) METHOD AND APPARATUS FOR	(22) 20.01.2011	(73) Becker Marine Systems GmbH
CONTROLLING TRAVEL OVER A KERB	(54) ANCHOR POINT	(72) LEHMANN, Dirk
EDGE	(73) Cargotec Sweden AB	MEWIS, Friedrich
(73) Robert Bosch GmbH	(72) PETERSSON, Thomas	(31) 202013101943 U
(72) Stegmaier, Juergen	(31) 1050072	(32) 06.05.2013
Dasbach, Gregor	(32) 22.01.2010	(33) Germany
Dackermann, Tim	(33) Sweden	(51) B63H 3/08
Greiner, Rinaldo	(51) B63B 35/03	(11) EP3265380
Baumgaertner, Daniel	F16L 1/18	(21) EP15707963.3
Wienss, Andreas	F16L 1/235	(47) 01.05.2019
(31) 102016213691	(11) EP3123066	(87) EP2015054632
(32) 26.07.2016	(21) EP15720435.5	09.09.2016
(33) Germany	(47) 01.05.2019	(22) 05.03.2015
(51) B62M 6/50	(87) IB2015052207	(54) A METHOD OF ARRANGING THE
G01L 3/00	01.10.2015	LUBRICATION OF A CONTROLLABLE
(11) EP3199439	(22) 25.03.2015	PITCH PROPELLER ARRANGEMENT
(21) EP14902575.1	(54) LAYING DEVICE AND METHOD FOR	OF A MARINE VESSEL AND A
(47) 01.05.2019	LAYING A PIPELINE ON THE BED OF A	LUBRICATION ARRANGEMENT
(87) CN2014091373	BODY OF WATER	THEREFOR
31.03.2016	(73) SAIPEM S.p.A.	(73) Wärtsilä Netherlands B.V.
(22) 18.11.2014	(72) BIANCHI, Stefano	(72) BARTNIK, Lukasz
(54) MIDDLE-MOUNTED MOTOR OF AN	MOTTINI, Mauro	VOGELS, Robert
ELECTRIC BICYCLE AND MOMENT	(31) MI20140504	(51) B63H 9/06
SENSING DEVICE THEREOF	(32) 25.03.2014	B63H 9/10

(11) EP3299275	(11) EP3208185	(11) EP2435301
(21) EP17250010.0	(21) EP16199890.1	(21) EP10731774.5
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(22) 08.09.2017	(22) 28.06.2012	(87) FR2010051040
(54) A WINGSAIL	(54) WATERCRAFT THAT HARVEST	02.12.2010
(73) Magnan, Charles Reginald	BOTH LOCOMOTIVE THRUST AND	(22) 28.05.2010
(72) Magnan, Charles Reginald	ELECTRICAL POWER FROM WAVE	(54) METHOD FOR MANUFACTURING A
(31) 201616255	MOTION	COMPOSITE STRUCTURING PANEL
201709183	(73) Liquid Robotics, Inc.	FOR THE TRAILING EDGE OF AN
(32) 25.09.2016	(72) HINE, Roger G	AIRCRAFT ELEMENT
09.06.2017	(31) 201161502279 P	(73) Société Lorraine de Construction
(33) United Kingdom	201161535116 P	Aéronautique (SLCA)
United Kingdom	201261585229 P	(72) REMENE, Didier
(51) B63H 23/02	PCT/US2012/029718	MILLEPIED, Denis
B63H 23/10	PCT/US2012/029696	FRANCISCO, Paulo
B63H 21/20	PCT/US2012/029703	MONTAGNE, Valérian
B63H 23/30	201213424239	PACARY, Jean-Luc
B63H 23/12	201213424170	BERTRAND, Arnaud
B63H 21/17	201213424156	(31) 0902579
(11) EP2664536	(32) 28.06.2011	0906157
(21) EP13002554.7	15.09.2011	(32) 28.05.2009
(47) 01.05.2019	10.01.2012	18.12.2009
(22) 15.05.2013	19.03.2012	(33) France
(54) Vessel propulsion system	19.03.2012	France
(73) Renk Aktiengesellschaft	19.03.2012	(51) B64C 3/26
(72) Hultsch, Hartmut	19.03.2012	B64C 1/26
Kleinheinz, Tobias	19.03.2012	(11) EP2730498
(31) 102012208065	19.03.2012	(21) EP13192586.9
(32) 15.05.2012	(33) United States of America	(47) 01.05.2019
(33) Germany	United States of America	(22) 12.11.2013
(51) B63H 23/24	United States of America	(54) Joint for composite wings
B63G 8/08	World Intellectual Property Office (WIPO)	(73) The Boeing Company
B63H 21/17	World Intellectual Property Office (WIPO)	(72) Lin, Chun-Liang
H02K 5/00	World Intellectual Property Office (WIPO)	Mahn, Ryan M
H02K 51/00	United States of America	Lee, Karl B
H02K 7/14	United States of America	(31) 201213675809
H02K 49/10	United States of America	(32) 13.11.2012
H02K 7/11	(51) B64C 1/06	(33) United States of America
B63H 5/14	B64D 13/00	(51) B64C 3/28
H02K 5/132	(11) EP3127803	B64C 3/26
H02K 7/08	(21) EP15179673.7	B64F 5/00
H02K 5/128	(47) 01.05.2019	F16B 33/00
H02K 16/00	(22) 04.08.2015	F16B 37/00
H02K 5/124	(54) AIRCRAFT INSULATION SYSTEM AND	F16B 5/02
(11) EP3102484	AIRCRAFT AIR CONDITIONING AND	(11) EP3243744
(21) EP15746809.1	INSULATION ARRANGEMENT	(21) EP16386007.5
(47) 01.05.2019	(73) Airbus Operations GmbH	(47) 01.05.2019
(87) CA2015000070	(72) Humfeldt, Dirk	(22) 11.05.2016
13.08.2015	(51) B64C 3/18	(54) AIRCRAFT JOINT
(22) 06.02.2015	(11) EP3037343	(73) Airbus Operations Limited
(54) A MAGNETICALLY GEARED ELECTRIC	(21) EP15201605.1	(72) Holmes, Vernon
DRIVE	(47) 01.05.2019	Evans, Rodney
(73) Memorial University of Newfoundland	(22) 21.12.2015	Kosteletos, Stefanos
(72) CLAUS, Brian	(54) AIRCRAFT WING TORSION BOX,	(51) B64C 3/30
BACHMAYER, Ralf	AIRCRAFT WING AND AIRCRAFT	(11) EP3156323
MACNEIL, Levi	(73) Airbus Operations Limited	(21) EP15382507.0
(31) 201461936656 P	(72) EVANS, Steven	(47) 01.05.2019
(32) 06.02.2014	(31) 201422938	(22) 15.10.2015
(33) United States of America	(32) 22.12.2014	(54) LEADING EDGE FOR AN AIRFOIL
(51) B63J 3/02	(33) United Kingdom	(73) Airbus Operations S.L.
B63J 99/00	(51) B64C 3/18	(72) PEREIRA MOSQUEIRA, Fernando
B63H 1/32	B29C 70/30	VÁZQUEZ CASTRO, Jesús Javier
B63J 3/00	B64C 3/28	(51) B64C 9/14
B63H 19/02	B32B 3/06	B64D 15/04
F03B 13/10	B29D 99/00	(11) EP3253652
F03B 13/16	B64C 3/20	(21) EP16703178.0
F03B 13/18	B29D 24/00	(47) 01.05.2019
F03B 13/20	B64C 3/26	(87) IB2016050551

11.08.2016	(73) Airbus Defence and Space GmbH	United States of America
(22) 03.02.2016	(72) STEINWANDEL, Jürgen	(51) B64D 11/00
(54) APPARATUS FOR OBSTRUCTING AIR FLOW THROUGH AN APERTURE FOR A DUCT IN AN AIRCRAFT WING	WANG, Ning	B60R 7/06
(73) C SERIES AIRCRAFT LIMITED PARTNERSHIP	JUDAS, Michael	(11) EP2883793
(72) GALLIEN, Daniel	VAN TOOR, Jan	(21) EP14196239.9
HUMPHRIS, Russell Coln		(47) 01.05.2019
LE, Dung Van	(51) B64C 39/02	(22) 04.12.2014
KHO, Cedric Ngo	(11) EP3259185	(54) Luggage system having a component installation space
TATOSSIAN, Charles	(21) EP16713625.8	(73) Airbus Operations GmbH
(31) 201562112194 P	(47) 01.05.2019	(72) Moje, Sabrina
(32) 05.02.2015	(87) NL2016050115	Breuer, Matthias
(33) United States of America	25.08.2016	(31) 102013021109
(51) B64C 13/10	(22) 18.02.2016	(32) 11.12.2013
B64C 27/56	(54) INVERTED DRONE	(33) Germany
G05G 5/03	(73) Monkeywings IP B.V.	
(11) EP3271244	(72) VAN DEN HEUVEL, Hans Adriaan	(51) B64D 11/00
(21) EP16707791.6	(31) 2014310	B64D 11/04
(47) 01.05.2019	(32) 18.02.2015	(11) EP3303131
(87) EP2016054566	(33) Netherlands	(21) EP16726340.9
22.09.2016		(47) 01.05.2019
(22) 03.03.2016	(51) B64C 39/02	(87) EP2016062485
(54) AIRCRAFT FLIGHT CONTROL DEVICE	G05D 1/00	08.12.2016
(73) Safran Electronics & Defense	G06Q 50/26	(22) 02.06.2016
(72) CREMIERE, Benoit	G08B 13/196	(54) TROLLEY COMPARTMENT AND ON-BOARD KITCHEN
BARA, Cédric	G08B 25/00	(73) Airbus Operations GmbH
BEZANERE, Daniel	G08B 25/08	(72) TRUEMPER, Torsten
AMARAL, Manuel	G08B 29/18	(31) 102015210268
GOMOLKO, Oleg	(11) EP3207435	102015210269
COPPEE, Pascal	(21) EP15720569.1	102015210271
(31) 1552144	(47) 01.05.2019	(32) 03.06.2015
(32) 16.03.2015	(87) EP2015074010	03.06.2015
(33) France	21.04.2016	03.06.2015
(51) B64C 25/20	(22) 16.10.2015	(33) Germany
B64F 5/00	(54) FIXED DRONE VISUALIZATION IN SECURITY SYSTEMS	Germany
(11) EP2927116	(73) Tyco Fire & Security GmbH	Germany
(21) EP15160906.2	(72) MUCCI, Anthony	(51) B64D 11/04
(47) 01.05.2019	(31) 201414516671	B64D 13/06
(22) 25.03.2015	(32) 17.10.2014	(11) EP3170749
(54) Eccentric tool	(33) United States of America	(21) EP16199785.3
(73) Goodrich Corporation		(47) 01.05.2019
(72) Holloway, Gary	(51) B64D 1/16	(22) 21.11.2016
(31) 201414244519	B64D 1/18	(54) GALLEY SYSTEM OF AN AIRCRAFT
(32) 03.04.2014	A01M 29/12	(73) The Boeing Company
(33) United States of America	B64D 45/00	(72) MORAN, Thomas Joseph
(51) B64C 25/36	(11) EP2737795	(31) 201514949483
B60B 25/00	(21) EP13194092.6	(32) 23.11.2015
B60B 25/22	(47) 01.05.2019	(33) United States of America
(11) EP3168144	(22) 22.11.2013	(51) B64D 11/06
(21) EP16198191.5	(54) Aircraft bird strike prevention	(11) EP3129285
(47) 01.05.2019	(73) The Boeing Company	(21) EP15713701.9
(22) 10.11.2016	(72) Boren, Kelly L.	(47) 01.05.2019
(54) AIRCRAFT WHEEL WITH OVAL O-RING GROOVE	(31) 201213689743	(87) EP2015056645
(73) Goodrich Corporation	(32) 29.11.2012	15.10.2015
(72) STEVENSON, John	(33) United States of America	(22) 26.03.2015
(31) 201514939340	(51) B64D 11/00	(54) AIRCRAFT SEAT FRAME DEVICE
(32) 12.11.2015	(11) EP2546144	(73) Recaro Aircraft Seating GmbH & Co. KG
(33) United States of America	(47) 01.05.2019	(72) KONICZEK, Adam
(51) B64C 29/00	(22) 06.07.2012	GRAU, Daniel
(11) EP3124379	(54) Door for an accommodation module, accommodation module and aircraft	STROBL, Florian
(21) EP15178886.6	(73) Airbus Operations GmbH	DAHER, Mohammed
(47) 01.05.2019	(72) Wesselink, Christian	(31) 102014104915
(22) 29.07.2015	Ulbrich-Gasperevic, Jovan	(32) 07.04.2014
(54) HYBRID-ELECTRIC DRIVE TRAIN FOR VTOL DRONES	(31) 102011107533	(33) Germany
	201161507708 P	(51) B64D 11/06
	(32) 14.07.2011	(11) EP3138773
	14.07.2011	(21) EP16190739.9
	(33) Germany	

(47) 01.05.2019	(21) EP10755143.4	B64F 1/20
(22) 23.09.2011	(47) 01.05.2019	G05D 1/00
(54) PASSENGER SEAT SYSTEM	(87) EP2010063590	G08G 5/00
(73) Airbus Operations GmbH	20.10.2011	(11) EP3177531
(72) DUUS, Benjamin	(22) 16.09.2010	(21) EP14899336.3
GIESA, Hans-Gerhard	(54) FIXATION OF A HEATING MAT TO A	(47) 01.05.2019
CREMERS, Joerg	BLADE OF A WIND TURBINE	(87) CN2014083963
(31) 387500 P	(73) Siemens Aktiengesellschaft	11.02.2016
102010046853	(72) LIND, Soeren Oemann	(22) 08.08.2014
(32) 29.09.2010	MADSEN, Finn Daugaard	(54) MULTI-ZONE BATTERY EXCHANGE
29.09.2010	SCHIBSBYE, Karsten	SYSTEM FOR UAV
(33) United States of America	(31) 10159631	(73) SZ DJI Technology Co., Ltd.
Germany	(32) 12.04.2010	(72) WANG, Mingyu
(51) B64D 11/06	(33) European Patent Office (EPO)	(51) B64G 1/00
B60N 2/75	(51) B64D 29/00	B64G 1/10
A47C 1/03	B64D 33/02	B64G 1/64
A47C 1/12	(11) EP2998226	(11) EP2671803
A47C 7/54	(21) EP15183703.6	(21) EP13170866.1
B61D 33/00	(47) 01.05.2019	(47) 01.05.2019
(11) EP3125726	(22) 03.09.2015	(22) 06.06.2013
(21) EP15773041.7	(54) METHOD OF ATTACHING NACELLE	(54) System and method for interconnecting dual
(47) 01.05.2019	STRUCTURE TO MINIMIZE FATIGUE	manifested spacecraft
(87) AU2015050095	LOADING	(73) The Boeing Company
08.10.2015	(73) The Boeing Company	(72) Aston, Richard William
(22) 11.03.2015	(72) Stark, Richard L.	Langmack, Michael J.
(54) A SHARED ARMREST	Shashidhar, Ananthram Kota	(31) 201213490945
(73) Recaro Aircraft Seating GmbH & Co. KG	Silva, Alejandro	(32) 07.06.2012
(72) CUMMINS, Michael Anthony	Truong, Hoa V.	(33) United States of America
(31) 2014901130	Vogel, Stuart William	(51) B64G 1/52
(32) 29.03.2014	Ybarra, John	(11) EP3218267
(33) Australia	(31) 201414489782	(21) EP15859695.7
(51) B64D 13/06	(32) 18.09.2014	(47) 01.05.2019
(11) EP2597036	(33) United States of America	(87) US2015060077
(21) EP12194488.8	(51) B64D 33/02	19.05.2016
(47) 01.05.2019	F02C 7/04	(22) 11.11.2015
(22) 27.11.2012	(11) EP2969763	(54) METHOD OF COOLING SATLETT
(54) Blended flow air cycle system for	(21) EP14769280.0	ELECTRONICS
environmental control	(47) 01.05.2019	(73) Novawurks, Inc.
(73) Hamilton Sundstrand Corporation	(87) US2014025335	(72) JAEGER, Talbot
(72) Squier, Steven E.	25.09.2014	(31) 201414538090
(31) 201113305205	(22) 13.03.2014	(32) 11.11.2014
(32) 28.11.2011	(54) NACELLE MOUNTED LATCHING	(33) United States of America
(33) United States of America	SYSTEM	(51) B64G 1/64
(51) B64D 13/08	(73) United Technologies Corporation	F16B 1/02
F01D 25/18	(72) SAWYERS-ABBOTT, Nigel David	F16B 21/06
F01D 25/22	FOSTER, Joseph P.	(11) EP2660156
F04D 29/057	(31) 201361788338 P	(21) EP11853500.4
F02C 7/32	(32) 15.03.2013	(47) 01.05.2019
F04D 29/58	(33) United States of America	(87) JP2011007036
F01D 25/12	(51) B64D 41/00	05.07.2012
F01D 25/16	F02C 7/32	(22) 16.12.2011
F02C 6/08	H02J 4/00	(54) COUPLING/UNCOUPLING MECHANISM
B64D 13/06	(11) EP2783986	AND COSMONAUTIC VEHICLE
(11) EP3070277	(21) EP14160961.0	PROVIDED WITH SAME
(21) EP16161463.1	(47) 01.05.2019	(73) Kawasaki Jukogyo Kabushiki Kaisha
(47) 01.05.2019	(22) 20.03.2014	(72) HORIE, Youichi
(22) 21.03.2016	(54) Hydraulic pump start system and method	(31) 2010289110
(54) AIR CYCLE MACHINE WITH COOLING	(73) Hamilton Sundstrand Corporation	(32) 27.12.2010
AIR FLOW PATH	(72) Buzzard, John N.	(33) Japan
(73) Hamilton Sundstrand Corporation	(31) 201313852526	(51) B64G 1/64
(72) BEERS, Craig M.	(32) 28.03.2013	F16D 13/30
McAULIFFE, Christopher	(33) United States of America	B64G 1/22
(31) 201514663639	(51) B64F 3/02	(11) EP2907758
(32) 20.03.2015	B64C 39/02	(21) EP14000538.0
(33) United States of America	B64F 3/00	(47) 01.05.2019
(51) B64D 15/12	B60L 11/18	(22) 14.02.2014
F03D 80/40	B64F 1/00	(54) Device for coupling a satellite payload to a
(11) EP2526292	B64F 1/18	drive unit

(73) Airbus Defence and Space GmbH	(51) B65B 11/58	(33) Italy
(72) Schmid, Manfred	B65B 41/14	(51) B65B 25/24
(51) B65B 9/15	B65B 59/00	B65B 27/06
G21F 7/005	B65B 11/00	B65B 49/08
B65D 33/18	B65B 11/02	B65B 49/10
B65D 33/24	B65B 41/18	B65B 49/12
B65B 31/00	B65B 21/24	B65B 63/04
B65B 39/06	(11) EP3303145	B65B 11/04
B65B 51/10	(21) EP16739253.9	(11) EP3292045
B65B 7/02	(47) 01.05.2019	(21) EP16723174.5
(11) EP3277588	(87) IB2016053115	(47) 01.05.2019
(21) EP16712878.4	08.12.2016	(87) IB2016052545
(47) 01.05.2019	(22) 27.05.2016	10.11.2016
(87) EP2016056945	(54) WRAPPING MACHINE	(22) 04.05.2016
06.10.2016	(73) AETNA GROUP S.P.A.	(54) MACHINE FOR PACKAGING FLEXIBLE
(22) 30.03.2016	Robopac S.p.A.	HOSES
(54) BAG FOR TRANSFERRING AND	(72) CERÉ, Mauro	(73) SICA S.P.A.
PACKAGING COMPONENTS OF A	(31) UB20151033	(72) DE VITA, Maurizio
CONTAINED ENCLOSURE	(32) 29.05.2015	TABANELLI, Giorgio
(73) Lourd'innov	(33) Italy	(31) BO20150224
(72) LAMBERT, Cédric	(51) B65B 13/06	(32) 04.05.2015
ARMAU, Stéphanie	B65B 57/00	(33) Italy
(31) 1552693	B65B 59/00	(51) B65B 35/54
(32) 30.03.2015	B65B 13/18	B65B 43/56
(33) France	B65B 13/20	B65B 5/10
(51) B65B 11/48	B65B 13/32	(11) EP3303153
B65B 11/50	B65B 57/12	(21) EP16724286.6
B65B 55/08	B65B 59/02	(47) 01.05.2019
C08J 7/04	(11) EP3116787	(87) EP2016000806
C12M 1/00	(21) EP15710748.3	08.12.2016
C12N 1/04	(47) 01.05.2019	(22) 17.05.2016
B32B 27/00	(87) EP2015055091	(54) AIR CONDITIONING DEVICE, IN
B65D 65/42	17.09.2015	PARTICULAR FOR A VEHICLE
B65D 77/04	(22) 11.03.2015	(73) Focke & Co. (GmbH & Co. KG)
(11) EP3083410	(54) METHOD FOR CONTROLLING THE	(72) BRANDHORST, Björn
(21) EP14828261.9	PARAMETERS OF A STRAPPING	PRADEL, Wolfgang
(47) 01.05.2019	SYSTEM	SCHLOERMANN, Marco
(87) FR2014053461	(73) Mosca GmbH	(31) 102015108895
25.06.2015	(72) BENDER, Marco	(32) 05.06.2015
(22) 19.12.2014	BROGHAMMER, Reinhard	(33) Germany
(54) USE OF A POLYMERIC FILM FOR THE	IHLE, Rainer	(51) B65B 39/12
PACKAGING OF A CULTURE MEDIUM	TREU, Daniel	B65B 59/00
(73) bioMérieux	(31) 102014103334	B65B 59/04
(72) TETART, Bruno	(32) 12.03.2014	B65B 3/00
SIMON, Nathalie	(33) Germany	B67C 3/22
(31) 1363241	(51) B65B 25/14	B65B 39/00
(32) 20.12.2013	B65B 51/14	B65B 3/04
(33) France	B65B 59/00	B65B 35/46
(51) B65B 11/54	B65B 63/02	(11) EP3307635
B65B 25/06	B65B 11/20	(21) EP16744897.6
B65B 57/00	B65G 57/30	(47) 01.05.2019
B65B 59/00	B65G 47/22	(87) NL2016050392
B65B 11/08	B65B 35/44	15.12.2016
B65B 11/18	B65B 11/22	(22) 01.06.2016
(11) EP3309082	(11) EP2917116	(54) FILLING STATION AND METHOD FOR
(21) EP17195482.9	(21) EP13801819.7	FILLING CARTRIDGES OF ELECTRONIC
(47) 01.05.2019	(47) 01.05.2019	CIGARETTES WITH A LIQUID
(22) 09.10.2017	(87) IB2013060013	(73) Sluis Cigar Machinery B.V.
(54) WRAPPING MACHINE WITH SELF-	15.05.2014	(72) SLURINK, Oscar
CALIBRATION	(22) 08.11.2013	(31) 2014946
(73) Illinois Tool Works, Inc.	(54) PACKAGING APPARATUS AND	(32) 09.06.2015
(72) GUZMAN, Juan C.	METHOD FOR NAPPIES OR OTHER	(33) Netherlands
(31) 201662408118 P	SOFT, FLAT, FOLDED SANITARY	(51) B65B 57/00
201715482047	ARTICLES	B31B 50/25
(32) 14.10.2016	(73) Tissue Machinery Company S.p.A.	B31F 1/08
07.04.2017	(72) RASI, Michele	B65D 5/42
(33) United States of America	(31) BO20120619	B65B 9/10
United States of America	(32) 09.11.2012	(11) EP3157823

(21) EP15729839.9	18.08.2016	(22) 22.07.2014
(47) 01.05.2019	(22) 27.01.2016	(54) CONTAINER AND MANUFACTURE OF THE CONTAINER
(87) EP2015063563	(54) PACKAGE MATERIAL AND PACKAGE CONTAINER FORMED WITH SAID MATERIAL	(73) Colgate-Palmolive Company
23.12.2015		(72) TOH, Kiat-Cheong
(22) 17.06.2015		REED, Kenneth, III
(54) A PACKAGE	(73) Tetra Laval Holdings & Finance S.A.	WORTHINGTON, Brian Glenn
(73) Tetra Laval Holdings & Finance S.A.	(72) BJÖRK, Jonas	TATU, Francis
(72) JOHANSSON, Hans	HÅKANSSON, Bengt	WERNER, Willie
BERGHOLTZ, Lars	NORDGREN, Johan	
QUIST, Jens	(31) 1550142	(51) B65D 30/24
ÅBERG, Mi	(32) 09.02.2015	(11) EP2684814
(31) 14172822	(33) Sweden	(21) EP13188353.0
(32) 17.06.2014	(51) B65D 13/02	(47) 01.05.2019
(33) European Patent Office (EPO)	C03C 3/062	(22) 11.10.2013
(51) B65B 57/04	C03C 8/02	(54) Valve bag with ventilation pocket
B65B 11/02	C03C 8/18	(73) Papiersackfabrik Tenax GmbH & Co. KG
B65B 11/04	C03C 8/24	(72) Bendt, Michael
(11) EP3301032	C03C 27/06	(31) 202013102644 U
(21) EP17199698.6	(11) EP3053842	(32) 19.06.2013
(47) 01.05.2019	(21) EP16153879.8	(33) Germany
(22) 13.02.2014	(47) 01.05.2019	(51) B65D 33/25
(54) CONTAINMENT FORCE-BASED WRAPPING	(22) 02.02.2016	B65B 61/18
(73) Lantech.Com LLC	(54) PROCESS FOR THE MANUFACTURE OF A GLASS CONTAINER, GLASS CONTAINER AND RELATED USES	(11) EP3219635
(72) LANCASTER, III, Patrick R.	(73) Bormioli Luigi S.p.A.	(21) EP17158506.0
MITCHELL, Michael	(72) BARATTA, Simone	(47) 01.05.2019
(31) 201361764107 P	(31) MI20150136	(22) 22.07.2015
(32) 13.02.2013	(32) 03.02.2015	(54) CONTAINER
(33) United States of America	(33) Italy	(73) Windmüller & Hölscher KG
(51) B65B 61/10	(51) B65D 19/04	(72) KÖHN, Uwe
B65B 11/58	B65D 25/16	STAAT, Andreas
B65B 21/24	B65D 77/06	(31) 102014110853
B65B 11/00	(11) EP3253676	(32) 31.07.2014
(11) EP3221222	(21) EP15839064.1	(33) Germany
(21) EP17706422.7	(47) 01.05.2019	(51) B65D 41/48
(47) 01.05.2019	(87) EP2015076382	B65D 45/32
(87) EP2017052663	11.08.2016	B65D 55/08
17.08.2017	(22) 12.11.2015	B65D 55/16
(22) 07.02.2017	(54) INLINER FOR PALLET CONTAINER AND PALLET CONTAINER	(11) EP3210903
(54) CUTTING METHOD AND UNIT IN A PACKAGING MACHINE FOR PACKING PRODUCTS IN EXTENSIBLE FILM	(73) Protechna S.A.	(21) EP15852951.1
(73) Colines S.p.A.	(72) BLÖMER, Peter	(47) 01.05.2019
(72) PECCEZZI, Francesco	BÜSCH, Carsten	(87) JP2015075201
(31) UB20160599	WIESNER, Heiko	28.04.2016
(32) 09.02.2016	ENDERS, Veit	(22) 04.09.2015
(33) Italy	(31) 102015202133	(54) SYNTHETIC RESIN CONTAINER LID
(51) B65D 5/483	(32) 06.02.2015	(73) Nippon Closures Co., Ltd.
(11) EP3248896	(33) Germany	(72) SHIMADA, Satoru
(21) EP17172707.6	(51) B65D 19/44	IYADOMI, Masataka
(47) 01.05.2019	F16B 21/02	(31) 2014214695
(22) 24.05.2017	(11) EP3330196	(32) 21.10.2014
(54) PACKAGING FOR THE CONTAINMENT OF OBJECTS, PARTICULARLY BOTTLES	(21) EP16201630.7	(33) Japan
(73) Bertolin Imballaggi S.r.l.	(47) 01.05.2019	(51) B65D 43/02
(72) VIGANO', Alessandro	(22) 01.12.2016	B65D 43/08
(31) UA20163895	(54) DEVICE FOR RECEIVING OBJECTS AND CORRESPONDING CONNECTOR	B65D 43/20
(32) 27.05.2016	(73) ALWA GmbH & Co. KG Konstruktion & Formenbau	(11) EP3114039
(33) Italy	(72) Wasmeier, Albert	(21) EP15758304.8
(51) B65D 5/70	(51) B65D 25/28	(47) 01.05.2019
B65D 5/06	A45D 40/26	(87) US2015017064
B65D 5/54	B65D 83/00	11.09.2015
B32B 15/08	(11) EP3160860	(22) 23.02.2015
(11) EP3256392	(21) EP14748085.9	(54) CONTAINER LID
(21) EP16701932.2	(47) 01.05.2019	(73) Helen of Troy Limited
(47) 01.05.2019	(87) US2014047662	(72) LEE, Alexander, Tze Fung
(87) EP2016051719	28.01.2016	WITT, Larry, S.
		LASKOWSKI, Michael, John
		CHANG, Hyukjae
		PENTELOVITCH, Noah, Ziman
		VERNON, Ryan
		(31) 201414198800

(32) 06.03.2014	(51) B65D 83/04	(31) 2010562
(33) United States of America	(11) EP3265401	(32) 03.04.2013
(51) B65D 63/10	(21) EP16700110.6	(33) Netherlands
F16L 3/137	(47) 01.05.2019	(51) B65D 85/804
B60P 7/08	(87) EP2016050122	(11) EP2981480
F16L 3/233	14.07.2016	(21) EP14717502.0
B29D 29/00	(22) 06.01.2016	(47) 01.05.2019
B29C 47/00	(54) INSERT PART FOR A DISPENSER, AND	(87) NL2014050205
B29D 99/00	DISPENSER	09.10.2014
(11) EP3216715	(73) Baranski, Slawomir	(22) 03.04.2014
(21) EP17159601.8	(72) Baranski, Slawomir	(54) PAD COMPRISING A SOLUBLE
(47) 01.05.2019	(31) 202015100051 U	BEVERAGE PREPARATION PRODUCT
(22) 07.03.2017	(32) 08.01.2015	FOR USE IN A COFFEE MACHINE
(54) ANNULAR ELASTIC BAND FOR	(33) Germany	(73) Koninklijke Douwe Egberts B.V.
RETAINING OBJECTS AND PROCESS	(51) B65D 83/38	(72) DE GRAAFF, Gerbrand Kristiaan
FOR MAKING SAID ELASTIC BAND	B65D 83/62	BROUWER, Gustaaf Frans
(73) PLASTOTECNICA S.P.A.	B29C 45/14	MOORMAN, Christiaan Johannes Maria
(72) DALLA PRIA, Michele	B29C 70/68	(31) 2010559
(31) UA20161433	B65D 75/58	(32) 03.04.2013
(32) 07.03.2016	B29C 70/72	(33) Netherlands
(33) Italy	B29C 45/00	(51) B65D 85/804
(51) B65D 75/58	(11) EP2817243	A47J 31/36
(11) EP3237300	(21) EP13705999.4	A47J 31/40
(21) EP15802203.8	(47) 01.05.2019	(11) EP3344561
(47) 01.05.2019	(87) EP2013053693	(21) EP16763721.4
(87) IB2015058854	29.08.2013	(47) 01.05.2019
30.06.2016	(22) 25.02.2013	(87) EP2016001460
(22) 16.11.2015	(54) AEROSOL CONTAINER	09.03.2017
(54) DIE CUT OPENING FOR MULTI-LAYER	(73) Crown Packaging Technology, Inc.	(22) 30.08.2016
FLEXIBLE PACKAGING	(72) GREENFIELD, Mark	(54) CAPSULE FOR PRODUCING
(73) Sonoco Development, Inc.	VINCENT, Keith, Alan	LIQUID FOOD, AND METHOD FOR
(72) BRANYON, Jacob Donald Prue	KING, Michael, Anthony	MANUFACTURING A CAPSULE FOR
YOUNG, Donovan	BRADLEY, Lee, Robert	THE PRODUCTION OF LIQUID FOOD
SMITH, Eugene	(31) 12156997	(73) Ligalife GmbH&Co. KG
(31) 201414581091	(32) 24.02.2012	(72) SCHÄLING, Burkhard
(32) 23.12.2014	(33) European Patent Office (EPO)	(31) 102015011169
(33) United States of America	(51) B65D 85/78	(32) 01.09.2015
(51) B65D 75/68	(11) EP2969849	(33) Germany
B65D 85/66	(21) EP14762646.9	(51) B65F 7/00
(11) EP3283398	(47) 01.05.2019	(11) EP2305579
(21) EP16723638.9	(87) US2014028949	(21) EP10184391.0
(47) 01.05.2019	18.09.2014	(47) 01.05.2019
(87) DE2016100148	(22) 14.03.2014	(22) 30.09.2010
20.10.2016	(54) PROCESS OF PACKAGING A FROZEN	(54) Refuse collection receptacle provided with a
(22) 29.03.2016	FOOD PRODUCT	housing containing an anti-smell element
(54) PACKAGE FOR ROLLED STOCK AND	(73) Creative Edge Design Group, Ltd.	(73) Plastic Omnium Systèmes Urbains
METHOD OF MANUFACTURE	(72) SOEHNLEN, Daniel P.	(72) Troton, Jean
(73) Roiser, Johann	SOEHNLEN, Gregory M.	(31) 0956869
(72) Roiser, Johann	SOEHNLEN, William R.	(32) 01.10.2009
(31) 102015004918	(31) 201361800856 P	(33) France
(32) 17.04.2015	(32) 15.03.2013	(51) B65G 1/04
(33) Germany	(33) United States of America	B65G 1/137
(51) B65D 77/28	(51) B65D 85/804	(11) EP3272678
(11) EP3253679	(11) EP2981483	(21) EP16179953.1
(21) EP16704467.6	(21) EP14717506.1	(47) 01.05.2019
(47) 01.05.2019	(47) 01.05.2019	(22) 18.07.2016
(87) GB2016000022	(87) NL2014050209	(54) PICKING SYSTEM AND METHOD
11.08.2016	09.10.2014	OF REMOVAL OF OBJECTS FROM A
(22) 03.02.2016	(22) 03.04.2014	PICKING SYSTEM
(54) POUCH FOR LIQUIDS AND METHOD	(54) PAD WITH A RELATIVELY LARGE	(73) Riedl GmbH
FOR MAKING THE SAME	OUTLET OPENING COMPRISING A	(72) Riedl, Markus Erich
(73) Discovery Flexibles Limited	SOLUBLE BEVERAGE PREPARATION	(51) B65G 1/08
(72) URQUHART, James	PRODUCT FOR USE IN A COFFEE	B65G 47/88
FORD, Peter	MACHINE	(11) EP3135610
(31) 201501819	(73) Koninklijke Douwe Egberts B.V.	(21) EP15182275.6
(32) 04.02.2015	(72) DE GRAAFF, Gerbrand Kristiaan	(47) 01.05.2019
(33) United Kingdom	BROUWER, Gustaaf Frans	(22) 25.08.2015
	MOORMAN, Christiaan Johannes Maria	

- (54) PICKING DEVICE AND METHOD FOR OPERATING A PICKING DEVICE
(73) Becton Dickinson Rowa Germany GmbH
(72) HELLENBRAND, Christoph
-
- (51) B65G 11/08
B65G 11/02
B65G 11/20
(11) EP3246272
(21) EP17163829.9
(47) 01.05.2019
(22) 30.03.2017
(54) CHUTE AND SORTING DEVICE AND METHOD FOR SORTING PIECE GOODS
(73) Deutsche Post AG
(72) Hartmann, Bernd
Grafe, Wolfram
(31) 102016109310
(32) 20.05.2016
(33) Germany
-
- (51) B65G 49/06
(11) EP2910504
(21) EP15154747.8
(47) 01.05.2019
(22) 11.02.2015
(54) GLASS SHEET LOADING/UNLOADING MACHINE FOR A SHEET WORKING PLANT
(73) Bottero S.p.A.
(72) Boggero, Enrico
Bottero, Francesco
Blengino, Lorenzo
(31) TO20140110
(32) 11.02.2014
(33) Italy
-
- (51) B65G 57/18
B65G 57/09
(11) EP3246276
(21) EP16737355.4
(47) 01.05.2019
(87) JP2016050783
21.07.2016
(22) 13.01.2016
(54) SHAPED STEEL STACKING DEVICE
(73) Nisshin Steel Co., Ltd.
(72) SAKURADA, Yasuhiro
ASADA, Hiroshi
IENARI, Tooru
MATSUZAWA, Katsuyasu
(31) 2015004269
(32) 13.01.2015
(33) Japan
-
- (51) B65G 67/08
B65G 61/00
B25J 15/00
B25J 15/06
B25J 15/08
B25J 9/00
(11) EP3038957
(21) EP14839207.9
(47) 01.05.2019
(87) US2014053252
05.03.2015
(22) 28.08.2014
(54) ROBOTIC CARTON UNLOADER
(73) Intelligrated Headquarters LLC
(72) GIRTMAN, Michael L.
BEILSMITH, Tim
WICKS, Matthew
- (31) 201361871292 P
201361894871 P
201361894878 P
201361894889 P
201361916720 P
201461971463 P
201461973188 P
201462023068 P
(32) 28.08.2013
23.10.2013
23.10.2013
23.10.2013
16.12.2013
27.03.2014
31.03.2014
10.07.2014
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
(51) B65H 3/06
B65H 3/34
B65H 7/02
B65H 7/18
(11) EP3208219
(21) EP15860264.9
(47) 01.05.2019
(87) JP2015076990
26.05.2016
(22) 24.09.2015
(54) SHEET FEEDER
(73) Mitsubishi Heavy Industries Machinery Systems, Ltd.
(72) NADACHI, Mitsuhiro
HATANO, Osamu
(31) 2014233771
(32) 18.11.2014
(33) Japan
-
- (51) B65H 16/02
B65H 19/18
B65H 16/04
B65H 19/30
B65H 19/26
(11) EP3055239
(21) EP15762747.2
(47) 01.05.2019
(87) IB2015055831
04.02.2016
(22) 31.07.2015
(54) REEL-CHANGING APPARATUS PARTICULARLY SUITABLE FOR FEEDING WORKING MACHINES
(73) Dotta, Angelo
(72) Dotta, Angelo
(31) AN20140120
(32) 01.08.2014
(33) Italy
-
- (51) B65H 20/24
(11) EP3283422
(21) EP16722415.3
(47) 01.05.2019
(87) NL2016050193
20.10.2016
(22) 18.03.2016
- (54) DEFLECTION ROLLER, USE OF SAID DEFLECTION ROLLER AND TIRE BUILDING MACHINES COMPRISING SAID DEFLECTION ROLLER
(73) VMI Holland B.V.
(72) VAN LAAR, Gerardus Johannes Catharina
(31) 2014655
(32) 17.04.2015
(33) Netherlands
-
- (51) B65H 23/185
B65H 23/198
(11) EP2729397
(21) EP12769953.6
(47) 01.05.2019
(87) EP2012067285
04.04.2013
(22) 05.09.2012
(54) METHOD AND APPARATUS FOR MOVING A MATERIAL WEB
(73) Siemens Aktiengesellschaft
(72) RASENACK, Wolf-Martin
ERDMANNSDÖRFER, Markus
MERKEL, Christian
(31) 102011083574
(32) 28.09.2011
(33) Germany
-
- (51) B65H 29/40
B65H 29/14
B65H 31/06
B65H 31/10
G07D 11/00
B65H 83/02
B65H 3/06
B65H 29/12
(11) EP3045413
(21) EP14843751.0
(47) 01.05.2019
(87) JP2014071217
19.03.2015
(22) 11.08.2014
(54) PAPER SHEETS STACKING AND FEEDING DEVICE
(73) Glory Ltd.
(72) MORIWAKI Sotaro
MIZORO Tsuguo
YAMAMOTO Michio
TAKEMURA Yoichi
(31) 2013190064
(32) 13.09.2013
(33) Japan
-
- (51) B65H 49/26
A01F 15/07
B65H 49/32
(11) EP3290369
(21) EP17189035.3
(47) 01.05.2019
(22) 01.09.2017
(54) ROLL STAND
(73) Agronic Oy
(72) Kuronen, Urpo
(31) 20165656
(32) 05.09.2016
(33) Finland
-
- (51) B66B 1/34
B66B 29/00
(11) EP2886499
(21) EP14382521.4
(47) 01.05.2019

(22) 16.12.2014	(21) EP14746699.9	(54) WORKS MACHINE COMPRISING MORE
(54) Safety control system for an elevator, escalator or moving walkway	(47) 01.05.2019	RELIABLE MEANS OF NEUTRALIZING
(73) ORONA, S. COOP.	(87) KR2014000809	A SAFETY DEVICE
(72) Martín Corral, José, María	07.08.2014	(73) Haulotte Group
Iraola Iraola, Unai	(22) 28.01.2014	(72) HUBER, Emmanuel
(31) 201331867	(54) ELECTRICITY-CHARGING SYSTEM	GODINEAU, Gaëtan
(32) 19.12.2013	BETWEEN A CRANE AND TRACTOR	(31) 1461873
(33) Spain	(73) Kang, Miyeon	(32) 03.12.2014
(51) B66B 5/02	(72) KO, Young Suk	(33) France
B66B 7/06	(31) 20130009763	(51) B67C 3/02
B66B 9/00	(32) 29.01.2013	(11) EP3241802
B66B 5/00	(33) Korea (Republic)	(21) EP16168359.4
B66B 5/18	(51) B66C 23/26	(47) 01.05.2019
(11) EP2952464	B66C 23/90	(22) 04.05.2016
(21) EP14170894.1	B66C 15/06	(54) FILLING LINE FOR A LIQUID OR SEMI-LIQUID FOOD PRODUCT
(47) 01.05.2019	B66C 23/76	(73) Tetra Laval Holdings & Finance S.A.
(22) 03.06.2014	(11) EP3237320	(72) Kempe, Per
(54) An elevator	(21) EP15808541.5	(51) B67D 1/00
(73) KONE Corporation	(47) 01.05.2019	(11) EP3037380
(72) Valjus, Petteri	(87) EP2015002495	(21) EP15174045.3
(51) B66B 13/14	30.06.2016	(47) 01.05.2019
B66B 5/00	(22) 09.12.2015	(22) 01.03.2007
(11) EP3271279	(54) METHOD FOR MONITORING	(54) DISPENSING NOZZLE ASSEMBLY
(21) EP15712572.5	CRANE SAFETY AND SYSTEM FOR	(73) The Coca-Cola Company
(47) 01.05.2019	MONITORING CRANE SAFETY	(72) HARVEY, David
(87) EP2015055697	(73) Liebherr-Werk Biberach GmbH	ZIESEL, Lawrence B.
22.09.2016	(72) KRUPINSKI, Jacek	(31) 276551
(22) 18.03.2015	(31) 102014019465	(32) 06.03.2006
(54) SYSTEM AND METHOD FOR	(32) 23.12.2014	(33) United States of America
CONTROLLING AN ELEVATOR CAR	(33) Germany	(51) B67D 1/00
(73) Otis Elevator Company	(51) B66C 23/53	B67D 1/04
(72) SCHROEDER-BRUMLOOP, Helmut Lothar	B66C 13/02	B67D 1/08
LOEB, Ruediger	(11) EP3212561	(11) EP3122683
(51) B66B 23/12	(21) EP15787210.2	(21) EP15711538.7
B66B 23/02	(47) 01.05.2019	(47) 01.05.2019
(11) EP3292068	(87) EP2015075185	(87) EP2015056222
(21) EP15719490.3	06.05.2016	01.10.2015
(47) 01.05.2019	(22) 29.10.2015	(22) 24.03.2015
(87) EP2015059934	(54) OFFSHORE LIFTING OF A LOAD WITH	(54) BEVERAGE DISPENSING APPLIANCE
10.11.2016	HEAVE COMPENSATION	COMPRISING A COOLING UNIT
(22) 06.05.2015	(73) SAIPEM S.p.A.	(73) Anheuser-Busch InBev S.A.
(54) TREAD ELEMENT FOR PEOPLE	(72) HUOT, Emmanuel	(72) PEIRSMAN, Daniel
CONVEYOR COMPRISING A	CHIODINI, Carlo	VANDEKERCKHOVE, Stijn
CANTILEVER ARM	MOCERI, Liborio	(31) 14161327
(73) Otis Elevator Company	(31) 201419394	(32) 24.03.2014
(72) MICHALKE, Martin	(32) 31.10.2014	(33) European Patent Office (EPO)
(51) B66C 1/12	(33) United Kingdom	(51) B67D 1/00
(11) EP3216031	(51) B66F 9/065	G05D 9/12
(21) EP15856810.5	B66C 23/70	G01F 23/22
(47) 01.05.2019	F16H 57/02	(11) EP2768765
(87) US2015041139	(11) EP3293144	(21) EP12788352.8
12.05.2016	(21) EP17189100.5	(47) 01.05.2019
(22) 20.07.2015	(47) 01.05.2019	(87) US2012060980
(54) LIFTING GRIP	(22) 01.09.2017	25.04.2013
(73) Yale, Thomas, L.	(54) PULLEY ASSEMBLY	(22) 19.10.2012
(72) Yale, Thomas, L.	(73) J.C. Bamford Excavators Limited	(54) MODULAR ELECTRONIC
(31) 201462074450 P	(72) JONES, Andy Mark	CARBONATOR FLUID LEVEL
(32) 03.11.2014	(31) 201615361	CONTROL MECHANISM
(33) United States of America	(32) 09.09.2016	(73) Schroeder Industries, Inc.
(51) B66C 13/12	(33) United Kingdom	(72) SCHROEDER, A.a., Jud
B60L 11/14	(51) B66F 11/04	GRIEGO, Albert
B60L 11/18	B66F 17/00	SANTY, David
H02J 7/02	(11) EP3227224	MINICA, Jason
H02J 50/10	(21) EP15800839.1	(31) 201161548878 P
H02J 50/40	(47) 01.05.2019	(32) 19.10.2011
(11) EP2952379	(87) EP2015077651	(33) United States of America
	09.06.2016	
	(22) 25.11.2015	

(51) B67D 7/02	Japan	(33) United Kingdom
B67D 7/36	(51) B81B 7/00	(51) B82Y 30/00
F16K 31/12	(11) EP3283433	H01G 11/28
F16K 31/122	(21) EP16709349.1	H01G 11/36
F16K 27/02	(47) 01.05.2019	H01G 11/86
(11) EP3385217	(87) EP2016054919	H01G 11/38
(21) EP18165934.3	20.10.2016	(11) EP2504275
(47) 01.05.2019	(22) 08.03.2016	(21) EP10803439.8
(22) 05.04.2018	(54) MEMS SENSOR COMPONENT	(47) 01.05.2019
(54) HIGH FLOW FILLING VALVE AND METHOD	(73) TDK Corporation	(87) DE2010050084
(73) Fives Filling & Sealing	(72) PAHL, Wolfgang	03.06.2011
(72) GOASGUEN, Jacques	(31) 201514685259	(22) 22.11.2010
(31) 1753049	(32) 13.04.2015	(54) ARRANGEMENT HAVING A
(32) 07.04.2017	(33) United States of America	SUBSTRATE, A TWO-DIMENSIONAL
(33) France	(51) B81C 1/00	COATING LAYER AND A MATERIAL
(51) B67D 9/02	(11) EP3294666	THEREBETWEEN AND A METHOD FOR
(11) EP2757067	(21) EP16726026.4	ITS PRODUCTION
(21) EP14151487.7	(47) 01.05.2019	(73) Humboldt Universität zu Berlin
(47) 01.05.2019	(87) EP2016060709	(72) SEVERIN, Nikolai
(22) 16.01.2014	17.11.2016	DORN, Martin
(54) Loading arm device	(22) 12.05.2016	RABE, Jürgen
(73) SVT GmbH	(54) METHOD OF FORMING LOCAL	(31) 102009056052
(72) Stöver, Harm	NANO/MICRO SIZE STRUCTURES OF	(32) 26.11.2009
(31) 102013000582	ANODIZED METAL	(33) Germany
(32) 16.01.2013	(73) Luxembourg Institute of Science and	(51) C01B 3/38
(33) Germany	Technology (LIST)	C01B 3/56
(51) B81B 3/00	(72) LAMBLIN, Guillaume	(11) EP3098197
H01H 59/00	LENOBLE, Damien	(21) EP15169417.1
H01H 61/02	MENGUELTI, Kevin	(47) 01.05.2019
(11) EP3173374	ROGÉ, Vincent	(22) 27.05.2015
(21) EP16200607.6	(31) 92716	(54) PROCESS FOR THE PRODUCTION OF
(47) 01.05.2019	(32) 13.05.2015	HYDROGEN
(22) 24.11.2016	(33) Luxembourg	(73) AIR PRODUCTS AND CHEMICALS, INC.
(54) ACTUATOR ARRANGEMENT	(51) B81C 1/00	(72) Sicinski, Michael Andrew
(73) Technische Universität Darmstadt	G01Q 70/10	Wood, Christopher H.
(72) Nakic, Christian	G01Q 70/16	Hoke, Jr., Bryan Clair
El Khoury, Mario	(11) EP2231507	(51) C01B 3/38
Staab, Matthias	(21) EP08869344.5	C01B 3/58
Winterstein, Thomas	(47) 01.05.2019	C25B 1/04
Schlaak, Helmut F.	(87) EP2008011107	C10L 3/08
(31) 102015120430	16.07.2009	C25B 15/08
(32) 25.11.2015	(22) 22.12.2008	H01M 8/0612
(33) Germany	(54) A METHOD FOR MAKING A 3D	(11) EP3080038
(51) B81B 7/00	NANOSTRUCTURE HAVING A	(21) EP14838832.5
(11) EP2165970	NANOSUBSTRUCTURE, SUCH AS AN	(47) 01.05.2019
(21) EP09170808.1	INSULATING PYRAMID HAVING A	(87) DE2014000618
(47) 01.05.2019	METALLIC TIP	18.06.2015
(22) 21.09.2009	(73) UNIVERSITEIT TWENTE	(22) 04.12.2014
(54) Substrate bonded MEMS sensor	(72) BERENSCHOT, Johan Willem	(54) HYDROGEN TRANSPORT AND STORAGE
(73) Alps Alpine Co., Ltd.	TAS, Niels Roelof	PROCESS
(72) Sato, Kiyoshi	(31) 08000094	(73) Dietrich, Karl-Werner
Kobayashi, Kiyoshi	(32) 06.01.2008	(72) Dietrich, Karl-Werner
Uto, Yoshitaka	(33) European Patent Office (EPO)	(31) 102013020511
Kikuri, Katsuya	(51) B81C 1/00	(32) 11.12.2013
Takahashi, Kazuyoshi	H01L 21/3065	(33) Germany
Suzuki, Jun	H01L 21/3213	(51) C01B 13/11
Gochou, Hideki	(11) EP2480493	H02M 1/42
Takahashi, Toru	(21) EP10768051.4	H05H 1/46
Ohkawa, Hisanobu	(47) 01.05.2019	H02M 7/48
(31) 2008242020	(87) GB2010051611	H05H 1/24
2008242025	31.03.2011	(11) EP3054750
2008242026	(22) 27.09.2010	(21) EP13895077.9
(32) 22.09.2008	(54) IMPROVED SELECTIVITY IN A XENON	(47) 01.05.2019
22.09.2008	DIFLUORIDE ETCH PROCESS	(87) JP2013077033
22.09.2008	(73) Memsstar Limited	09.04.2015
(33) Japan	(72) O'HARA, Anthony	(22) 04.10.2013
Japan	(31) 0916871	(54) POWER-SUPPLY DEVICE
	(32) 25.09.2009	

(73) Toshiba Mitsubishi-Electric Industrial Systems Corporation	KRESS, Peter	C02F 1/68
(72) TABATA, Yoichiro	ALFF, Harald	C02F 3/10
OKIHARA, Yujiro	WIEGAND, Armin	C02F 103/06
NAKAMURA, Noriyuki	(31) 14194632	C02F 103/00
NISHIMURA, Shinichi	(32) 25.11.2014	C02F 101/20
(51) C01C 1/04	(33) European Patent Office (EPO)	C02F 101/16
B01J 19/00	(51) C02F 1/44	C02F 103/02
(11) EP3157870	B01D 61/04	C02F 101/10
(21) EP15725661.1	B01D 61/12	(11) EP3114089
(47) 01.05.2019	B01D 61/58	(21) EP15710128.8
(87) EP2015062329	B01D 65/08	(47) 01.05.2019
23.12.2015	B01D 71/56	(87) EP2015054470
(22) 03.06.2015	C02F 1/70	11.09.2015
(54) PROCESS FOR PRODUCTION OF AMMONIA AND DERIVATIVES, IN PARTICULAR UREA	C02F 1/76	(22) 04.03.2015
(73) Casale SA	C02F 5/08	(54) APPARATUS COMPRISING A TRACE ELEMENT DOSAGE DEVICE AND METHOD FOR TREATING RAW WATER IN BIOFILTER
(72) OSTUNI, Raffaele	C02F 5/14	(73) Danmarks Tekniske Universitet
SKINNER, Geoffrey Frederick	C02F 101/20	Krüger A/S
(31) 14173042	C02F 101/22	(72) ALBRECHTSEN, Hans-Jørgen
(32) 18.06.2014	C02F 103/00	WAGNER, Florian Benedikt
(33) European Patent Office (EPO)	C02F 103/06	NIELSEN, Peter Borch
(51) C01F 7/16	C02F 103/08	BOE-HANSEN, Rasmus
B01D 53/94	(11) EP3225595	FISCHER, Erling Vincentz
B01J 37/02	(21) EP15863628.2	(31) 14157878
B01J 37/03	(47) 01.05.2019	(32) 05.03.2014
B01J 21/10	(87) JP2015083253	(33) European Patent Office (EPO)
B01J 37/08	02.06.2016	(51) C02F 3/28
B01J 23/00	(22) 26.11.2015	C02F 103/32
B01J 23/34	(54) WATER PRODUCTION METHOD	(11) EP2323954
C01G 45/12	(73) Toray Industries, Inc.	(21) EP09790518.6
F01N 3/08	(72) TANIGUCHI Masahide	(47) 01.05.2019
B01J 37/00	LAGREF Jean-Jacques	(87) US2009050801
B01J 35/00	KALLENBERG Klaus	28.01.2010
(11) EP3277630	(31) 2014239763	(22) 16.07.2009
(21) EP16708940.8	(32) 27.11.2014	(54) METHODS FOR PROCESSING ORGANIC WASTE
(47) 01.05.2019	(33) Japan	(73) PurposeEnergy, Inc.
(87) EP2016000413	(51) C02F 1/469	(72) FITCH, Eric, E.
15.09.2016	C02F 1/461	O'KEEFE, David, M.
(22) 08.03.2016	(11) EP3297959	PALMER, David, C.
(54) NOX TRAP CATALYST SUPPORT MATERIAL WITH IMPROVED STABILITY AGAINST BAAL2O4 FORMATION	(21) EP16741161.0	(31) 178292
(73) SASOL Germany GmbH	(47) 01.05.2019	(32) 23.07.2008
(72) SCHÖNEBORN, Marcos	(87) TR2016000072	(33) United States of America
HARMENING, Thomas	24.11.2016	(51) C03B 5/225
NIEMEYER, Drik	(22) 20.05.2016	C03B 5/20
ROLFS, Sönke	(54) ELECTROSORPTION SYSTEM FOR REMOVING FOREIGN MATERIALS FROM WATER	C03B 5/235
FABIAN, Johanna	(73) Bayram, Edip	C03B 5/43
(31) 15158315	(72) Bayram, Edip	(11) EP3173384
(32) 09.03.2015	(31) 201506030	(21) EP15825545.5
(33) European Patent Office (EPO)	(32) 20.05.2015	(47) 01.05.2019
(51) C01G 25/02	(33) Turkey	(87) JP2015070588
C01B 13/34	(51) C02F 3/00	28.01.2016
C01F 17/00	(11) EP2528869	(22) 17.07.2015
(11) EP3224200	(21) EP11725828.5	(54) GLASS MELT PRODUCTION DEVICE AND GLASS MELT PRODUCTION METHOD
(21) EP15794169.1	(47) 01.05.2019	(73) AGC Inc.
(47) 01.05.2019	(87) US2011021464	(72) HAMAMOTO, Hiroaki
(87) EP2015076405	18.08.2011	KOBAYASHI, Suguru
02.06.2016	(22) 15.03.2011	NAGATA, Takahisa
(22) 12.11.2015	(54) METHOD FOR REDUCING SLUDGES PRODUCED BY WASTEWATER TREATMENT FACILITIES	ABIKO, Satoshi
(54) METHOD FOR PRODUCING METAL OXIDES BY MEANS OF SPRAY PYROLYSIS	(73) Whiteman, G. Robert	SASAKI, Michito
(73) Evonik Degussa GmbH	(72) Whiteman, G. Robert	NINOMIYA, Kazuo
(72) KATUSIC, Stipan	(31) 696919	(31) 2014150817
	(32) 29.01.2010	(32) 24.07.2014
	(33) United States of America	(33) Japan
	(51) C02F 3/02	
	C02F 3/00	

- | | | |
|--|---|--|
| (51) C03B 11/10 | COMETTO, Paolo | (51) C04B 20/06 |
| C03B 11/14 | (31) TO20150146 | (11) EP3152177 |
| (11) EP2632864 | (32) 03.03.2015 | (21) EP15738814.1 |
| (21) EP11794533.7 | (33) Italy | (47) 01.05.2019 |
| (47) 01.05.2019 | (51) C03B 33/07 | (87) AT2015050142 |
| (87) FR2011052474 | (11) EP3208245 | 10.12.2015 |
| 03.05.2012 | (21) EP17157504.6 | (22) 05.06.2015 |
| (22) 24.10.2011 | (47) 01.05.2019 | (54) METHOD FOR EXPANDING SAND-
GRAIN-SHAPED RAW MATERIAL |
| (54) MOULD AND PROCESS FOR
MANUFACTURING A GLASS BOTTLE
AND RESULTING BOTTLE | (22) 22.02.2017 | (73) Binder + Co AG |
| (73) Shiseido International France | (54) MACHINE AND METHOD FOR
CUTTING LAMINATED GLASS SHEET | (72) TSCHERNKO, Harald |
| (72) RONSIN, Hervé | (73) Bottero S.p.A. | PUSCH, Markus Alfred |
| SOULARD, Fabrice | (72) GHINAMO, Leonardo | NEUKAM, Bernhard |
| (31) 1058795 | FERRARI, Simone | BRUNNMAIR, Ernst Erwin |
| (32) 26.10.2010 | OLOCCO, Guido | (31) 5008814 U |
| (33) France | OSTORERO, Marcello | (32) 05.06.2014 |
| (51) C03B 20/00 | VIGLIETTI, Davide | (33) Austria |
| C03B 32/00 | (31) UB20160947 | (51) C04B 20/06 |
| G02B 1/02 | (32) 22.02.2016 | B09C 1/06 |
| H01L 21/027 | (33) Italy | C10G 1/02 |
| (11) EP2682373 | (51) C03B 37/012 | C10G 1/04 |
| (21) EP12752504.6 | (11) EP2428495 | E21B 21/06 |
| (47) 01.05.2019 | (21) EP11180370.6 | (11) EP2376399 |
| (87) JP2012055350 | (47) 01.05.2019 | (21) EP09801767.6 |
| 07.09.2012 | (22) 07.09.2011 | (47) 01.05.2019 |
| (22) 02.03.2012 | (54) Apparatus for fabricating a glass rod and
method of same | (87) GB2009051744 |
| (54) HEAT TREATMENT APPARATUS FOR
CERAMIC MATERIALS FOR OPTICAL
USE, HEAT TREATMENT METHOD FOR
CERAMIC MATERIALS FOR OPTICAL
USE, METHOD FOR PRODUCING
OPTICAL SYSTEM AND EXPOSURE
APPARATUS | (73) Shin-Etsu Chemical Co., Ltd. | (22) 18.12.2009 |
| (73) Nikon Corporation | (72) Otsuka, Tetsuya | (54) EXFOLIATING VERMICULITE BY
MICROWAVE PROCESSING |
| (72) HARA, Yuta | (31) 2010200504 | (73) The University of Nottingham |
| (31) 2011044763 | 2011194105 | (72) DODDS, Christopher |
| (32) 02.03.2011 | (32) 08.09.2010 | DIMITRAKIS, Georgios |
| (33) Japan | 06.09.2011 | KINGMAN, Sam |
| (51) C03B 33/03 | (33) Japan | (31) 0823091 |
| (11) EP3088371 | Japan | (32) 18.12.2008 |
| (21) EP16155155.1 | (51) C03C 17/04 | (33) United Kingdom |
| (47) 01.05.2019 | C03C 17/25 | (51) C04B 24/02 |
| (22) 11.02.2016 | F21K 99/00 | C04B 40/00 |
| (54) A METHOD FOR CUTTING AND
DISPLACING A GLASS SHEET ALONG
A WORKING PLANE OF A GLASS
CUTTING MACHINE AND ASSOCIATED
MACHINE | (11) EP3038988 | C04B 28/02 |
| (73) Biesse S.p.A. | (21) EP14761589.2 | C04B 103/14 |
| (72) AIMAR, Giacomo | (47) 01.05.2019 | (11) EP2277840 |
| SIDERI, Paolo | (87) EP2014067907 | (21) EP09725697.8 |
| (31) UB20150016 | 05.03.2015 | (47) 01.05.2019 |
| (32) 29.04.2015 | (22) 22.08.2014 | (87) JP2009056842 |
| (33) Italy | (54) LIGHT-SCATTERING BULB FOR A
SEMICONDUCTOR RETROFIT LAMP | 01.10.2009 |
| (51) C03B 33/03 | (73) LEDVANCE GmbH | (22) 26.03.2009 |
| C03B 33/033 | (72) KONRAD, Armin | (54) HARDENING ACCELERATOR FOR
HYDRAULIC COMPOSITION |
| C03B 33/04 | SCHÖNHEITS, Markus | (73) Kao Corporation |
| C03B 33/07 | WILLE, Christina | (72) HAMAI, Toshimasa |
| (11) EP3064478 | SCHACHERER, Friedbert | SHIMODA, Masaaki |
| (21) EP16158580.7 | (31) 102013217074 | OHKUBO, Makoto |
| (47) 01.05.2019 | (32) 27.08.2013 | TANIGUCHI, Takao |
| (22) 03.03.2016 | (33) Germany | DANJO, Hiroshi |
| (54) METHOD AND MACHINE FOR
CUTTING A GLASS SHEET | (51) C04B 2/12 | SUZUKI, Nobuyoshi |
| (73) Bottero S.p.A. | F27B 1/02 | (31) 2008080769 |
| (72) MARGARIA, Bruno | (11) EP2882694 | (32) 26.03.2008 |
| MASOERO, Alberto | (21) EP12775319.2 | (33) Japan |
| | (47) 01.05.2019 | (51) C04B 24/38 |
| | (87) IT2012000246 | (11) EP2493829 |
| | 13.02.2014 | (21) EP10819963.9 |
| | (22) 07.08.2012 | (47) 01.05.2019 |
| | (54) INNOVATIVE METHOD OF
CALCINATION IN TWIN SHAFT
REGENERATIVE KILN | (87) FI2010050764 |
| | (73) Qualical International Srl | 07.04.2011 |
| | (72) CELLA, Carlo | (22) 01.10.2010 |
| | | (54) MATERIAL TO BE USED AS A
CONCRETE ADDITIVE |

- (73) UPM-Kymmene Corporation
(72) LAUKKANEN, Antti
TEIRFOLK, Jan-Erik
LEIVO, Markku
KUOSA, Hannele
KATAJA, Kirsi
NURMI, Antti
(31) 20096009
(32) 02.10.2009
(33) Finland
(51) C04B 28/06
C04B 38/10
(11) EP2681171
(21) EP11718229.5
(47) 01.05.2019
(87) AT2011000098
07.09.2012
(22) 28.02.2011
(54) MINERAL MULTI-LAYER PLATE AND
METHOD FOR PRODUCTION
(73) Geolyth Mineral Technologie GmbH
(72) SCHMID, Michael
(51) C04B 35/10
A61F 2/34
A61F 2/36
A61L 27/04
A61L 27/10
A61L 27/50
(11) EP2826762
(21) EP13761765.0
(47) 01.05.2019
(87) JP2013055273
19.09.2013
(22) 28.02.2013
(54) MEDICAL CERAMIC MATERIAL AND
MANUFACTURING METHOD THEREOF
(73) KYOCERA Corporation
(72) NAKANISHI, Takefumi
NAGATA, Hironori
(31) 2012061025
(32) 16.03.2012
(33) Japan
(51) C04B 35/26
C04B 35/626
H01F 1/11
H01F 41/02
(11) EP2819128
(21) EP13751491.5
(47) 01.05.2019
(87) JP2013054230
29.08.2013
(22) 20.02.2013
(54) SINTERED FERRITE MAGNET AND
MOTOR PROVIDED THEREWITH
(73) TDK Corporation
(72) TAGUCHI Hitoshi
(31) 2012034039
(32) 20.02.2012
(33) Japan
(51) C04B 35/52
C22C 26/00
B22F 5/00
B22F 3/15
(11) EP1775275
(21) EP05767185.1
(47) 01.05.2019
(87) JP2005013621
01.02.2007
- (22) 26.07.2005
(54) HIGH-STRENGTH AND HIGHLY
ABRASION-RESISTANT SINTERED
DIAMOND PRODUCT AND PROCESS
FOR PRODUCTION THEREOF
(73) Sumitomo Electric Industries, Ltd.
(72) KURODA, Yoshihiro, SUMITOMO
ELECTRIC HARDMETAL CO.
KUKINO, Satoru, SUMITOMO ELECTRIC
HARDMETAL CORP.
FUKAYA, Tomohiro, SUMITOMO
ELECTRIC HARDMETAL CO.
(51) C04B 35/56
C04B 35/653
B22F 3/105
B28B 1/00
B29C 67/00
(11) EP3240766
(21) EP16714301.5
(47) 01.05.2019
(87) EP2016056100
06.10.2016
(22) 21.03.2016
(54) METHOD FOR PRODUCING A
COMPONENT FROM MAX PHASES
(73) Siemens Aktiengesellschaft
(72) DEPKA, Timo
FLORES RENTERIA, Arturo
LAUX, Britta
OTT, Michael
PIEGERT, Sebastian
(31) 102015205787
(32) 31.03.2015
(33) Germany
(51) C04B 35/64
C04B 35/622
C04B 33/00
F27B 9/26
F27D 5/00
F27D 3/00
(11) EP3055271
(21) EP14852445.7
(47) 01.05.2019
(87) US2014059465
16.04.2015
(22) 07.10.2014
(54) REFRACTORY SUPPORT STRUCTURE
ARTICLE
(73) Saint-Gobain Ceramics&Plastics, Inc.
(72) ESJUNIN, Evgeniy E.
MÜLLER, Hubert
(31) 201361887775 P
(32) 07.10.2013
(33) United States of America
(51) C04B 37/02
H05K 1/03
H05K 1/18
H05K 3/38
(11) EP2866534
(21) EP13807421.6
(47) 01.05.2019
(87) JP2013067140
27.12.2013
(22) 21.06.2013
(54) CIRCUIT BOARD AND ELECTRONIC
APPARATUS PROVIDED WITH THE
CIRCUIT BOARD
(73) Kyocera Corporation
- (72) OHASHI, Yoshio
SHIKATA, Kunihide
(31) 2012140165
(32) 21.06.2012
(33) Japan
(51) C04B 40/00
C04B 28/04
(11) EP2834207
(21) EP13714310.3
(47) 01.05.2019
(87) EP2013057231
10.10.2013
(22) 05.04.2013
(54) ADJUVANT FOR HYDRAULIC
COMPOSITIONS
(73) Chryso S.A.S.
(72) DARGUY, Sandra
BABAYAN, David
(31) 1253165
(32) 05.04.2012
(33) France
(51) C05B 17/00
C05F 17/00
(11) EP2674411
(21) EP11715007.8
(47) 01.05.2019
(87) ES2011070076
16.08.2012
(22) 07.02.2011
(54) METHOD FOR OBTAINING A
BIOLOGICAL FERTILIZER FROM
APATITE MINERALS BY MEANS OF
MICROORGANISMS AND BIOLOGICAL
FERTILIZER THUS OBTAINED
(73) FERTINAGRO BIOTECH, S.L.
(72) ATARES REAL, Sergio
MARQUES MASCARELL, Ramon
MARTIN PEREZ, Julia R.
ALIGUE ALEMANY, Rosa M.
(51) C05D 9/00
C05F 9/04
C05F 11/02
C05F 11/04
C05F 17/00
(11) EP3233759
(21) EP15813725.7
(47) 01.05.2019
(87) EP2015078898
23.06.2016
(22) 08.12.2015
(54) METHOD FOR PRODUCING NUTRIENT-
RICH SOILS OR SOIL SUBSTRATES
(73) Aumann, Franz
(72) Aumann, Franz
(31) 102014119248
102015106046
(32) 19.12.2014
21.04.2015
(33) Germany
Germany
(51) C07B 41/06
C07C 45/50
C07F 9/6574
B01J 31/28
C07F 15/00
B01J 31/18
(11) EP3029014
(21) EP15197539.8

(47) 01.05.2019	C10K 1/00	(72) Mosa, Fuad
(22) 02.12.2015	(11) EP2753596	Azam, Shahid
(54) MONOPHOSPHITES WITH STRUCTURAL UNIT 4,4,5,5- TETRAPHENYL-1,3,2- DIOXAPHOSPHOLAN AS LIGANDS FOR HYDROFORMYLATION CATALYSTS	(21) EP11872153.9	Al-Otaibe, Sultan
(73) Evonik Degussa GmbH	(47) 01.05.2019	Fritz, Peter
(72) DYBALLA, Katrin Marie	(87) CA2011001017	Bölt, Heinz
FRANKE, Robert	14.03.2013	Meiswinkel, Andreas
HESS, Dieter	(22) 08.09.2011	Taube, Carsten
FRIDAG, Dirk	(54) ENHANCEMENT OF FISCHER-TROPSCH PROCESS FOR HYDROCARBON	Winkler, Florian
GEILEN, Frank	FUEL FORMULATION IN A GTL	Müller, Wolfgang
SELENT, Detlef	ENVIRONMENT	Wöhl, Anina
BÖRNER, Armin	(73) Expander Energy Inc.	Göke, Volker
(31) 14196195	(72) KRESNYAK, Steve	Schneider, Richard
(32) 04.12.2014	(51) C07C 2/28	Fritz, Helmut
(33) European Patent Office (EPO)	C07C 31/12	(51) C07C 17/06
(51) C07B 45/00	C07C 7/00	C07C 19/01
C01B 25/14	C10G 50/00	C07C 17/20
C07D 213/06	C10L 1/06	C07C 21/08
C07C 325/02	C07C 29/04	C07C 17/25
C07C 327/44	C10L 10/10	C07C 21/04
C07D 207/24	C10G 3/00	C07C 17/10
C07D 209/30	C07C 29/17	(11) EP2739596
C07D 211/72	(11) EP3105199	(21) EP12750649.1
C07D 211/84	(21) EP15706562.4	(47) 01.05.2019
C07D 213/63	(47) 01.05.2019	(87) US2012049203
C07D 239/93	(87) US2015013499	14.02.2013
C07D 241/06	20.08.2015	(22) 01.08.2012
(11) EP2650274	(22) 29.01.2015	(54) PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES
(21) EP13175186.9	(54) PROCESS FOR PRODUCTION OF MIXED BUTANOLS AND DIISOBUTENES AS FUEL BLENDING COMPONENTS	(73) Blue Cube IP LLC
(47) 01.05.2019	(73) Saudi Arabian Oil Company	(72) TIRTOWIDJOJO, Max Markus
(22) 03.02.2012	(72) SHAIK, Kareemuddin, M.	FISH, Barry
(54) A thionation process and a thionating agent	XU, Wei	LAITAR, David Stephen
(73) Vironova Thionation AB	ABBA, Ibrahim A.	(31) 201161515957 P
(72) Pettersson, Birgitta	MOHAMMED, Thamer	(32) 07.08.2011
Hasimbegovic, Vedran	SHETHNA, Hiren	(33) United States of America
Svensson, Per H.	MOHAMMED, Kadhim, Abbas	(51) C07C 17/20
Bergman, Jan	(31) 201414177818	C07C 17/25
(31) 11153421	(32) 11.02.2014	C07C 17/383
201161439522 P	(33) United States of America	C07C 21/18
(32) 04.02.2011	(51) C07C 2/32	C01B 7/19
04.02.2011	C08F 110/02	(11) EP3170804
(33) European Patent Office (EPO)	(11) EP3237363	(21) EP15821671.3
United States of America	(21) EP14882182.0	(47) 01.05.2019
(51) C07B 61/00	(47) 01.05.2019	(87) JP2015067326
B01D 19/00	(87) RU2014000974	21.01.2016
B01F 3/08	30.06.2016	(22) 16.06.2015
B01J 19/00	(22) 23.12.2014	(54) METHOD FOR PRODUCING CHLOROPROPENE AND METHOD FOR PRODUCING 2,3,3,3- TETRAFLUOROPROPENE
B01J 19/10	(54) METHODS OF PREPARING OLIGOMERS OF AN OLEFIN	(73) Daikin Industries, Ltd.
B01J 19/12	(73) Public Joint Stock Company "Sibur Holding"	(72) TAKAKUWA, Tatsuya
(11) EP2216312	(72) ZILBERSHTEIN, Timur Mikhailovich	TAKAHASHI, Kazuhiro
(21) EP08843013.7	LENEV, Denis Alekseevich	KARUBE, Daisuke
(47) 01.05.2019	(51) C07C 7/17	CHAKI, Takehiro
(87) JP2008066397	C07C 7/171	KISHIMOTO, Masayuki
30.04.2009	C02F 1/58	KOMATSU, Yuzo
(22) 11.09.2008	C07C 11/02	(31) 2014145424
(54) PROCESS FOR PRODUCING ORGANIC COMPOUND	C10G 50/00	(32) 15.07.2014
(73) M Technique Co., Ltd.	C10G 17/02	(33) Japan
(72) ENOMURA, Masakazu	C10G 57/02	(51) C07C 17/23
(31) 2007274510	(11) EP2738152	C07C 17/354
(32) 22.10.2007	(21) EP12194658.6	C07C 19/08
(33) Japan	(47) 01.05.2019	(11) EP2554531
(51) C07C 1/04	(22) 28.11.2012	(21) EP11762398.3
C10G 2/00	(54) Method for removal and recovery of organic amines from a hydrocarbon stream	(47) 01.05.2019
C01B 3/38	(73) Saudi Basic Industries Corporation	(87) JP2011053551
		06.10.2011

- (22) 18.02.2011
(54) METHOD FOR PRODUCING FLUORINE-CONTAINING ALKANE
(73) Daikin Industries, Ltd.
(72) SHIOTANI, Yuko
HANABUSA, Kakeru
CHAKI, Takehiro
TAKAHASHI, Kazuhiro
(31) 2011029637
2010080914
(32) 15.02.2011
31.03.2010
(33) Japan
Japan
-
- (51) C07C 19/08
H01J 37/32
(11) EP3064483
(21) EP14858176.2
(47) 01.05.2019
(87) JP2014078553
07.05.2015
(22) 28.10.2014
(54) HIGH-PURITY FLUORINATED HYDROCARBON, USE AS A PLASMA ETCHING GAS, AND PLASMA ETCHING METHOD
(73) Zeon Corporation
(72) SUGIMOTO, Tatsuya
(31) 2013225480
(32) 30.10.2013
(33) Japan
-
- (51) C07C 31/20
C07C 69/16
C07C 69/34
A61K 31/22
A61K 31/225
A61P 3/04
(11) EP3094321
(21) EP15776261.8
(47) 01.05.2019
(87) US2015011165
15.10.2015
(22) 13.01.2015
(54) METHODS OF SUSTAINING DIETARY KETOSIS AND ITS EFFECTS ON LIPID PROFILE
(73) University Of South Florida
(72) D'AGOSTINO, Dominic Paul
KESL, Shannon
(31) 201461926635 P
(32) 13.01.2014
(33) United States of America
-
- (51) C07C 43/247
A61K 8/69
A61K 31/085
A61Q 19/02
(11) EP3265438
(21) EP16707805.4
(47) 01.05.2019
(87) EP2016054623
09.09.2016
(22) 04.03.2016
(54) GEM DIFLUOROCOMPOUNDS AS DEPIGMENTING OR LIGHTENING AGENTS
(73) Tfchem
(72) DELIENCOURT-GODEFROY, Géraldine
LOPES, Lénaïg
- (31) PCT/IB2015/000510
(32) 04.03.2015
(33) World Intellectual Property Office (WIPO)
-
- (51) C07C 45/42
C07C 45/45
C07C 49/80
(11) EP3196183
(21) EP15841268.4
(47) 01.05.2019
(87) JP2015075314
24.03.2016
(22) 07.09.2015
(54) METHOD FOR PRODUCING 2'-TRIFLUOROMETHYL GROUP-SUBSTITUTED AROMATIC KETONE
(73) Toray Fine Chemicals Co., Ltd.
(72) NAKATANI, Jiro
NOZOE, Tatsuhiro
(31) 2014191327
(32) 19.09.2014
(33) Japan
-
- (51) C07C 59/56
C07C 51/367
C07C 67/30
C07C 69/65
C07C 69/732
C07C 67/343
C07D 205/08
(11) EP3153496
(21) EP15805807.3
(47) 01.05.2019
(87) CN2015080893
17.12.2015
(22) 05.06.2015
(54) METHOD FOR PREPARING AZETIDINONE COMPOUND AND INTERMEDIATE OF AZETIDINONE COMPOUND
(73) Zhejiang Hisun Pharmaceutical Co., Ltd.
(72) BAI, Hua
ZHAO, Xuyang
ZHANG, Yuncai
LI, Xufei
ZHANG, Yong
XU, Dezhou
ZHANG, Li
XU, Xiaojie
ZHU, Qifeng
WANG, Xiaoming
YANG, Zhiqing
ZHONG, Zehua
ZHANG, Jian
(31) 201410251262
(32) 09.06.2014
(33) China
-
- (51) C07C 67/08
C08G 63/06
C08G 63/78
C08G 63/82
(11) EP3250547
(21) EP16712093.0
(47) 01.05.2019
(87) IN2016050033
04.08.2016
(22) 29.01.2016
(54) A NOVEL PROCESS FOR THE PREPARATION OF HYDROXYL FUNCTIONAL ESTERS AND POLYESTERS THEREFROM
(73) Council of Scientific and Industrial Research
(72) NEVARE, Yogesh Ramesh
IDAGE, Susheela Bhaskar
IDAGE, Bhaskar Bhairavnath
SIVARAM, Swaminathan
(31) 256DE2015
(32) 29.01.2015
(33) India
-
- (51) C07C 67/38
C07C 69/34
C07C 69/612
B01J 27/13
(11) EP3272731
(21) EP16180048.7
(47) 01.05.2019
(22) 19.07.2016
(54) METHOD FOR THE PREPARATION OF DI- OR TRICARBOXYLIC ACID ESTERS BY ALKOXYCARBONYLATION OF DIENES USING CONJUGATED DOUBLE BONDS
(73) Evonik Degussa GmbH
(72) DONG, Kaiwu
JACKSTELL, Ralf
BELLER, Matthias
FRIDAG, Dirk
HESS, Dieter
DYBALLA, Katrin Marie
-
- (51) C07C 209/28
C07C 231/02
C12P 13/00
(11) EP3122715
(21) EP15712386.0
(47) 01.05.2019
(87) EP2015056776
01.10.2015
(22) 27.03.2015
(54) EFFICIENT SYNTHESIS OF AMINES AND AMIDES FROM ALCOHOLS AND ALDEHYDES BY USING CASCADE CATALYSIS
(73) Organofuel Sweden AB
(72) Córdova, Armando
Berglund, Per
Anderson, Mattias
Afewerki, Samson
(31) 201461971106 P
(32) 27.03.2014
(33) United States of America
-
- (51) C07C 229/14
A61K 31/137
A61K 31/198
A61K 31/277
A61K 31/366
A61K 31/4402
A61K 31/4409
C07C 255/42
C07C 255/54
C07D 213/30
C07D 311/16
C07D 213/74
C07D 311/12
C07D 231/12
C07D 231/14
C07D 233/64
C07D 233/90

C07C 217/60	(72) QUACH, Tan	(54) PROCESS FOR MAKING
C07C 229/36	BERMAN, Judd	BENZOXAZINES
C07C 235/74	GARVEY, David, S.	(73) Cytec Industries Inc.
(11) EP3039009	(31) 201161565741 P	(72) GUPTA, Ram, B.
(21) EP14840485.8	(32) 01.12.2011	COHEN, Martin
(47) 01.05.2019	(33) United States of America	GUPTA, Manav
(87) CA2014000658	(51) C07C 269/04	(31) 201462068806 P
05.03.2015	C07C 269/06	(32) 27.10.2014
(22) 29.08.2014	C07C 269/08	(33) United States of America
(54) MAO-B SELECTIVE INHIBITOR	C07C 271/22	(51) C07D 207/34
COMPOUNDS, PHARMACEUTICAL	C07C 231/02	G03C 1/735
COMPOSITIONS THEREOF AND USES	C07C 231/12	G03F 7/00
THEREOF	C07C 231/24	G03F 7/027
(73) The University of British Columbia	C07C 233/47	G03F 7/105
Centre For Drug Research And Development	(11) EP3260442	(11) EP2236497
(72) PUTNINS, Edward Ewald	(21) EP17177166.0	(21) EP10158348.2
GRIERSON, David Scott	(47) 01.05.2019	(47) 01.05.2019
GEALAGEAS, Ronan F. B.	(22) 21.06.2017	(22) 30.03.2010
DEVINEAU, Alice Andree Valentine	(54) PROCESS FOR PREPARATION OF	(54) Colored curable composition, method for
DULLAGHAN, Edith Mary	OPTICALLY PURE N-SUBSTITUTED-3-	producing color filter, color filter, solid-
(31) 201361872552 P	METHOXYPROPIONIC ACID	state image pickup device, and liquid crystal
(32) 30.08.2013	DERIVATIVES	display device
(33) United States of America	(73) SCI Pharmtech, Inc.	(73) FUJIFILM Corporation
(51) C07C 233/58	(72) CHEN, Bo-Fong	(72) Oota, Kazuya
C09K 3/00	SU, Yen-Chi	Kanna, Shinichi
A61K 8/42	LI, Yen-Wei	Fujie, Yoshihiko
(11) EP3144294	LI, Feng-Hsu	Ito, Junichi
(21) EP15792352.5	HUANG, Chen-Wei	Murakami, Yosuke
(47) 01.05.2019	(31) 201615188559	Suzuki, Shigekazu
(87) JP2015063103	(32) 21.06.2016	(31) 2009087654
19.11.2015	(33) United States of America	2009117911
(22) 01.05.2015	(51) C07C 303/40	2009136012
(54) THICKENING STABILIZER AND	C07C 231/12	2010011840
THICKENING STABILIZATION	C07C 233/43	(32) 31.03.2009
COMPOSITION USING SAME	C07C 311/13	14.05.2009
(73) Yamaguchi University	C25B 3/10	05.06.2009
Daicel Corporation	C07C 213/02	22.01.2010
(72) SAKANISHI, Yuichi	C07C 217/84	(33) Japan
SAEKI, Takashi	C25B 9/06	Japan
ITO, Mami	(11) EP3189030	Japan
(31) 2014098783	(21) EP15741993.8	Japan
(32) 12.05.2014	(47) 01.05.2019	(51) C07D 209/82
(33) Japan	(87) EP2015066822	C07D 487/04
(51) C07C 255/54	10.03.2016	A61K 31/403
C07C 255/58	(22) 23.07.2015	A61P 35/00
C07C 33/50	(54) 2,2' -DIAMINO BIARYLS WITH	C07D 471/04
C07D 317/46	TWO SECONDARY AMINES AND	(11) EP2456757
C07D 317/64	PRODUCTION THEREOF BY	(21) EP10802643.6
C07D 317/66	ELECTROCHEMICAL COUPLING	(47) 01.05.2019
C07C 43/215	(73) Evonik Degussa GmbH	(87) US2010040879
C07C 43/225	(72) DYBALLA, Katrin Marie	27.01.2011
C07C 211/45	FRANKE, Robert	(22) 02.07.2010
C07C 211/52	FRIDAG, Dirk	(54) HDAC INHIBITORS AND THERAPEUTIC
C07C 217/84	WALDVOGEL, Siegfried R.	METHODS USING THE SAME
C07C 323/09	ELSLER, Bernd	(73) The Board of Trustees of the University of
C07C 237/30	ENDERS, Mathias	Illinois
A61K 31/137	(31) 102014217537	(72) KOZIKOWSKI, Alan
A61P 27/02	(32) 03.09.2014	BUTLER, Kyle, B.
(11) EP2785178	(33) Germany	KALIN, Jay, Hans
(21) EP12852566.4	(51) C07C 317/36	(31) 227516 P
(47) 01.05.2019	C07D 265/16	(32) 22.07.2009
(87) US2012000564	(11) EP3212614	(33) United States of America
06.06.2013	(21) EP15791130.6	(51) C07D 213/80
(22) 29.11.2012	(47) 01.05.2019	C07C 237/34
(54) OPSIN-BINDING LIGANDS,	(87) US2015056802	C07C 327/30
COMPOSITIONS AND METHODS OF	06.05.2016	A61K 31/245
USE	(22) 22.10.2015	A61K 31/44
(73) Bikam Pharmaceuticals, Inc.		A61P 29/00

- (11) EP2623495
(21) EP13153470.3
(47) 01.05.2019
(22) 03.09.2006
(54) Positively charged water-soluble prodrugs of n-arylanthranilic acids with very fast skin penetration rate
(73) Techfields Biochem Co. Ltd
Yu, Chongxi
(72) Yu, Chongxi
Xu, Lina
-
- (51) C07D 215/233
A61K 31/47
A61P 31/04
A61P 35/00
(11) EP3336081
(21) EP17001878.2
(47) 01.05.2019
(22) 24.02.2014
(54) NOVEL COMPOUND, PRODUCTION METHOD THEREFOR, AND USE OF SAID COMPOUND
(73) Microbial Chemistry Research Foundation
(72) KAWADA, Manabu
ABE, Hikaru
WATANABE, Takumi
INOUE, Hiroyuki
OHBA, Shun-ichi
HAYASHI, Chigusa
IGARASHI, Masayuki
(31) 2013035732
(32) 26.02.2013
(33) Japan
-
- (51) C07D 241/32
A61K 31/498
A61P 11/00
(11) EP2897940
(21) EP13766299.5
(47) 01.05.2019
(87) EP2013069739
27.03.2014
(22) 23.09.2013
(54) HETEROCYCLIC COMPOUNDS, MEDICAMENTS CONTAINING SAID COMPOUNDS, USE THEREOF AND PROCESSES FOR THE PREPARATION THEREOF
(73) Boehringer Ingelheim International GmbH
(72) HAMPRECHT, Dieter
HECKEL, Armin
KLEY, Joerg
(31) 12185631
(32) 24.09.2012
(33) European Patent Office (EPO)
-
- (51) C07D 257/04
C07D 257/06
B01J 19/24
(11) EP3245194
(21) EP16704094.8
(47) 01.05.2019
(87) US2016013858
21.07.2016
(22) 19.01.2016
(54) PROCESS AND CONTINUOUS FLOW SYSTEM FOR PREPARING SODIUM 5-NITROTETRAZOLE AT A RATE OF AT LEAST 100 GRAM/HOUR AND AT A TEMPERATURE OF 10-30 °C
(73) Pacific Scientific Energetic Materials Company
(72) BRAGG, Jon G.
PATTISON, Jason B.
FRONABARGER, John W.
WILLIAMS, Michael D.
(31) 201562104240 P
(32) 16.01.2015
(33) United States of America
-
- (51) C07D 333/76
(11) EP3230271
(21) EP15816597.7
(47) 01.05.2019
(87) US2015063237
16.06.2016
(22) 01.12.2015
(54) PROCESS FOR THE PREPARATION OF 4-PHENYLDIBENZOTHIOPHENE
(73) Albemarle Corporation
(72) WILLIAMS, Eric, L.
HOGLEN, Dean, K.
(31) 201462091119 P
(32) 12.12.2014
(33) United States of America
-
- (51) C07D 401/10
C07D 471/10
C07D 487/10
C07D 491/107
C07D 491/20
A61K 31/527
A61P 25/00
(11) EP3322701
(21) EP16739442.8
(47) 01.05.2019
(87) EP2016066393
19.01.2017
(22) 11.07.2016
(54) ETHYNYL DERIVATIVES AS METABOTROPIC GLUTAMATE RECEPTOR MODULATORS
(73) F. Hoffmann-La Roche AG
(72) BIEMANS, Barbara
GUBA, Wolfgang
JAESCHKE, Georg
LINDEMANN, Lothar
O'HARA, Fionn
RICCI, Antonio
RUEHER, Daniel
VIEIRA, Eric
(31) 15176854
(32) 15.07.2015
(33) European Patent Office (EPO)
-
- (51) C07D 401/14
C07D 409/14
C07D 213/22
C07D 213/30
C07D 213/55
C07D 213/57
C07D 213/58
A61K 31/506
A61P 35/00
(11) EP3114119
(21) EP15710263.3
(47) 01.05.2019
(87) IB2015051553
11.09.2015
(22) 03.03.2015
(54) MCL-1 MODULATING COMPOUNDS FOR CANCER TREATMENT
(73) Université de Caen Basse-Normandie
Centre de Lutte Contre le Cancer Francois Baclesse
Institut de Cancérologie de l'Ouest René Gauducheau
(72) POULAIN, Laurent
VOISIN-CHIRET, Anne-Sophie
SOPKOVA-DE OLIVEIRA SANTOS, Jana
BUREAU, Ronan
BURZICKI, Grégory
DE GIORGI, Marcella
PERATO, Serge
FOGHA, Jade
RAULT, Sylvain
JUN, Philippe
GAUTIER, Fabien
(31) 14305309
(32) 04.03.2014
(33) European Patent Office (EPO)
-
- (51) C07D 401/14
C07D 473/34
C07D 487/04
A61K 31/519
A61K 31/52
(11) EP2427195
(21) EP10772857.8
(47) 01.05.2019
(87) US2010033939
11.11.2010
(22) 06.05.2010
(54) HETEROCYCLIC COMPOUNDS AND USES THEREOF
(73) Intellikine, LLC
(72) REN, Pingda
LIU, Yi
WILSON, Troy, Edward
LI, Liansheng
(31) 176449 P
(32) 07.05.2009
(33) United States of America
-
- (51) C07D 403/12
C07D 233/42
C07D 401/12
C07D 205/04
C07D 207/273
A61K 31/4164
A61P 25/00
(11) EP3057958
(21) EP14792415.3
(47) 01.05.2019
(87) EP2014072235
23.04.2015
(22) 16.10.2014
(54) AMINOTETRALINE AND AMINOINDANE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM, AND THEIR USE IN THERAPY
(73) Abbvie Inc.
AbbVie Deutschland GmbH & Co. KG
(72) AMBERG, Wilhelm
POHLKI, Frauke
LANGE, Udo
WANG, Ying
ZHAO, Hongyu
LI, Huan-Qiu

- BREWER, Jason
VASUDEVAN, Anil
LAO, Yanbin
HUTCHINS, Charles W.
(31) 201361892142 P
(32) 17.10.2013
(33) United States of America

(51) C07D 403/12
C07D 403/06
A61K 31/5365
A61K 47/68
(11) EP2961435
(21) EP14710746.0
(47) 01.05.2019
(87) US2014019508
04.09.2014
(22) 28.02.2014
(54) CONJUGATES COMPRISING CELL-
BINDING AGENTS AND CYTOTOXIC
AGENTS
(73) ImmunoGen, Inc.
(72) WIDDISON, Wayne C.
(31) 201361770937 P
201361819848 P
(32) 28.02.2013
06.05.2013
(33) United States of America
United States of America

(51) C07D 471/04
A61K 31/4985
A61P 35/00
(11) EP3074396
(21) EP14806358.9
(47) 01.05.2019
(87) GB2014053490
28.05.2015
(22) 25.11.2014
(54) 1-(5-TERT-BUTYL-2-ARYL-
PYRAZOL-3-YL)-3-[2-FLUORO-4-[(3-
OXO-4H-PYRIDO[2,3-B]PYRAZIN-8-
YL)OXY]PHENYL]UREA DERIVATIVES
AS RAF INHIBITORS FOR THE
TREATMENT OF CANCER
(73) Institute of Cancer Research: Royal Cancer
Hospital (The)
Cancer Research Technology Ltd
(72) SPRINGER, Caroline Joy
MARAIS, Richard
GIROTTI, Romina
NICULESCU-DUVAZ, Dan
NICULESCU-DUVAZ, Ion
ZAMBON, Alfonso
(31) 201320729
(32) 25.11.2013
(33) United Kingdom

(51) C07D 471/04
A61K 31/55
A61P 31/20
(11) EP3325477
(21) EP16739479.0
(47) 01.05.2019
(87) EP2016067002
26.01.2017
(22) 18.07.2016
(54) NOVEL TRICYCLIC 4-PYRIDONE-3-
CARBOXYLIC ACID DERIVATIVES FOR
THE TREATMENT AND PROPHYLAXIS
OF HEPATITIS B VIRUS INFECTION
(73) F. Hoffmann-La Roche AG
(72) CHENG, Zhanling
HAN, Xingchun
LIANG, Chungen
YANG, Song
(31) PCT/CN2015/084601
(32) 21.07.2015
(33) World Intellectual Property Office (WIPO)

(51) C07D 471/04
C07D 417/12
A61K 31/541
A61P 25/28
(11) EP3191447
(21) EP15840606.6
(47) 01.05.2019
(87) US2015048786
17.03.2016
(22) 08.09.2015
(54) S-IMINO-S-OXO IMINOTHIAZINE
COMPOUNDS AS BACE INHIBITORS,
COMPOSITIONS, AND THEIR USE
(73) Merck Sharp & Dohme Corp.
(72) CUMMING, Jared N.
SCOTT, Jack D.
(31) 201462049471 P
(32) 12.09.2014
(33) United States of America

(51) C07D 471/04
C07D 491/147
A61K 31/4375
A61P 31/18
(11) EP3237416
(21) EP15825729.5
(47) 01.05.2019
(87) US2015067155
30.06.2016
(22) 21.12.2015
(54) POLYCYCLIC-CARBAMOYL PYRIDONE
COMPOUNDS AND THEIR
PHARMACEUTICAL USE
(73) Gilead Sciences, Inc.
(72) BACON, Elizabeth, M.
CAI, Zhenhong, R.
COTTELL, Jeromy, J.
JI, Mingzhe
JIN, Haolun
LAZERWITH, Scott, E.
MORGANELLI, Philip, Anthony
PYUN, Hyung-jung
(31) 201462096291 P
(32) 23.12.2014
(33) United States of America

(51) C07D 487/04
A61K 31/16
A61P 31/14
C07H 7/06
A61K 31/706
(11) EP3068405
(21) EP14806123.7
(47) 01.05.2019
(87) US2014064412
14.05.2015
(22) 06.11.2014
(54) PYRROLO [1,2-F][1,2,4]TRIAZINES
USEFUL FOR TREATING RESPIRATORY
SYNCYTIAL VIRUS INFECTIONS
(73) Gilead Sciences, Inc.
(72) CLARKE, Michael O'neil, Hanrahan
DOERFFLER, Edward
MACKMAN, Richard, L.
SIEGEL, Dustin
(31) 201361902544 P
(32) 11.11.2013
(33) United States of America

(51) C07D 487/04
A61K 31/519
A61P 35/00
(11) EP3294741
(21) EP15784268.3
(47) 01.05.2019
(87) CZ2015050006
17.11.2016
(22) 02.10.2015
(54) 5-SUBSTITUTED 7-[4-(2-
PYRIDYL)PHENYLMETHYLAMINO]-3-
ISO PROPYLPYRAZOLO[4,3-
D]PYRIMIDINE DERIVATIVES, USE
THEREOF AS MEDICAMENTS AND
PHARMACEUTICAL COMPOSITIONS
(73) Ustav Experimentální Botaniky Av CR,
V.V.I.
Palacky University Olomouc
(72) HAVLICEK, Libor
STURC, Antonin
KRYSTOF, Vladimír
JORDA, Radek
POSPISIL, Tomas
ZÄHLER, Stefan
VOLLMAR, Angelika
STRNAD, Miroslav
(31) 20150324
(32) 14.05.2015
(33) Czech Republic

(51) C07D 487/04
A61K 31/519
A61P 35/00
(11) EP3173413
(21) EP16205139.5
(47) 01.05.2019
(22) 14.02.2013
(54) PYRAZOLOPYRIMIDINYL INHIBITORS
OF UBIQUITIN-ACTIVATING ENZYME
(73) Millennium Pharmaceuticals, Inc.
(72) AFROZE, Roushan
BHARATHAN, Indu, T.
CIAVARRI, Jeffrey, P.
FLEMING, Paul, E.
GAULIN, Jeffrey, L.
GIRARD, Mario
LANGSTON, Steven, P.
SOUCY, Francois, R.
WONG, Tzu-Tshin
YE, Yingchun
(31) 201261600070 P
(32) 17.02.2012
(33) United States of America

(51) C07D 487/08
A61K 31/33
A61P 5/00
(11) EP2188293
(21) EP08795217.2
(47) 01.05.2019
(87) US2008009609
19.02.2009
(22) 12.08.2008

- (54) 6-SUBSTITUTED SULFONYL AZABICYCLO[3.2.1]OCTANES USEFUL TO INHIBIT 11-HYDROXYSTEROID DEHYDROGENASE TYPE-1
(73) Merck Sharp & Dohme Corp.
(72) BOYLE, Craig, D.
CHACKALAMANNIL, Samuel
LANKIN, Claire, M.
SHAI, Unmcs, G
(31) 955985 P
(32) 15.08.2007
(33) United States of America

(51) C07D 498/04
A61K 31/4985
A61P 15/10
(11) EP3133072
(21) EP15752140.2
(47) 01.05.2019
(87) BR2015000023
27.08.2015
(22) 24.02.2015
(54) NOVEL 6,7-DIHYDRO-3H-OXAZOLO[3,4-A]PYRAZINE-5,8-DIONE DERIVATIVE COMPOUNDS
(73) Biolab Sanus Farmacéutica Ltda
(72) SACURAI, Sérgio Luiz
TOUZARIM, Carlos Eduardo da Costa
TOLEDO, Fabiano Travanca
SOUSA, Bruno Artur de
(31) 201461943825 P
(32) 24.02.2014
(33) United States of America

(51) C07D 498/04
C07D 413/14
C07D 401/04
C07D 413/04
C07D 417/14
(11) EP3303330
(21) EP16729454.5
(47) 01.05.2019
(87) US2016035482
08.12.2016
(22) 02.06.2016
(54) 4-HYDROXY-3-(HETEROARYL)PYRIDINE-2-ONE APJ AGONISTS FOR USE IN THE TREATMENT OF CARDIOVASCULAR DISORDERS
(73) Bristol-Myers Squibb Company
(72) JOHNSON, James A.
KIM, Soong-Hoon
LAWRENCE, R. Michael
MYERS, Michael C.
CHAO, Hannanguang J.
PHILLIPS, Monique
JIANG, Ji
(31) 201562170215 P
(32) 03.06.2015
(33) United States of America

(51) C07D 519/00
C07D 487/04
(11) EP3177624
(21) EP15760263.2
(47) 01.05.2019
(87) IB2015055597
11.02.2016
(22) 23.07.2015
(54) IMIDAZOPYRIDAZINE COMPOUNDS
(73) Pfizer Inc.
(72) CHAPPIE, Thomas Allen
HAYWARD, Matthew Merrill
HELAL, Christopher John
LACHAPELLE, Erik Alphonse
PATEL, Nandini Chaturbhai
SCIABOLA, Simone
VERHOEST, Patrick Robert
YOUNG, Joseph Michael
(31) 201462033684 P
201562157129 P
(32) 06.08.2014
05.05.2015
(33) United States of America
United States of America

(51) C07D 519/00
C07D 487/04
C07D 498/04
A61K 31/4985
A61K 31/519
A61K 31/5365
A61K 31/5383
A61P 19/02
A61P 29/00
A61P 37/00
(11) EP2948458
(21) EP14743619.0
(47) 01.05.2019
(87) CN2014000082
31.07.2014
(22) 22.01.2014
(54) BTK INHIBITORS
(73) Merck Sharp & Dohme Corp.
(72) WU, Hao
KIM, Ronald M.
LIU, Jian
GAO, Xiaolei
BOGA, Sobhana Babu
GUIADEEN, Deodialsingh
KOZLOWSKI, Joseph
YU, Wensheng
ANAND, Rajan
YU, Younong
SELYUTIN, Oleg B.
GAO, Ying-Duo
LIU, Shilan
YANG, Chundao
WANG, Hongjian
(31) PCT/CN2013/070876
201410010914
(32) 23.01.2013
09.01.2014
(33) World Intellectual Property Office (WIPO)
China

(51) C07F 9/09
H01M 10/0567
H01M 10/052
H01G 11/64
H01M 10/0569
H01M 10/0568
H01G 11/62
H01G 11/60
(11) EP3168917
(21) EP15819618.8
(47) 01.05.2019
(87) JP2015069532
14.01.2016
(22) 07.07.2015
(54) METHOD FOR MANUFACTURING ALKALI METAL PHOSPHATE COMPOUNDS
(73) Daikin Industries, Ltd.
(72) MARUO, Atsushi
YAMAZAKI, Shigeaki
SAKATA, Hideo
KINOSHITA, Shinichi
(31) 2014139825
(32) 07.07.2014
(33) Japan

(51) C07F 9/12
A61K 31/661
A61P 35/00
(11) EP3298021
(21) EP16725997.7
(47) 01.05.2019
(87) US2016033099
24.11.2016
(22) 18.05.2016
(54) ALVOCIDIB PRODRUGS HAVING INCREASED BIOAVAILABILITY
(73) Tolero Pharmaceuticals, Inc.
(72) SIDDIQUI-JAIN, Adam
BEARSS, David, J.
(31) 201562163188 P
(32) 18.05.2015
(33) United States of America

(51) C07F 9/6574
C07B 41/06
C07C 45/50
(11) EP3029044
(21) EP14196178.9
(47) 01.05.2019
(22) 04.12.2014
(54) BIS-PHOSPHITES WITH AN ASYMMETRIC BIARYL CENTRAL COMPONENT
(73) Evonik Degussa GmbH
(72) Dyballa, Katrin Marie
Franke, Robert
Fridag, Dirk
Börner, Armin
Selent, Detlef

(51) C07F 9/6574
C07B 41/06
C07C 45/50
C07F 9/145
(11) EP3031817
(21) EP15185854.5
(47) 01.05.2019
(22) 04.12.2014
(54) TERPHENYL-2-OXY-PHOSPHITE AS LIGANDS IN HYDROFORMYLATION CATALYSTS
(73) Evonik Degussa GmbH
(72) Dyballa, Katrin Marie
Franke, Robert
Fridag, Dirk
Hess, Dieter
Geilen, Frank
Börner, Armin
Selent, Detlef
Uhlmann, Marcus

(51) C07F 15/00
C08G 64/34
(11) EP2734532
(21) EP12814377.3

- (47) 01.05.2019
(87) US2012047140
24.01.2013
(22) 18.07.2012
(54) METAL COMPLEXES
(73) SAUDI ARAMCO TECHNOLOGIES COMPANY
(72) ALLEN, Scott, D.
FARMER, Jay, J.
(31) 201161509093 P
(32) 18.07.2011
(33) United States of America
-
- (51) C07F 15/06
C07F 1/08
C07F 3/02
C07F 3/06
C07F 5/06
(11) EP3004125
(21) EP14726753.8
(47) 01.05.2019
(87) GB2014051605
04.12.2014
(22) 27.05.2014
(54) PROCESS FOR THE PREPARATION OF A METAL-ORGANIC COMPOUND
(73) The Queen's University Of Belfast
(72) JAMES, Stuart
McNALLY, Tony
HAYDON, Robert
(31) 201309458
(32) 27.05.2013
(33) United Kingdom
-
- (51) C07H 1/00
C07H 3/06
(11) EP3292131
(21) EP17716941.4
(47) 01.05.2019
(87) EP2017059215
19.10.2017
(22) 18.04.2017
(54) IMPROVED PREPARATION OF VACCINES AGAINST STREPTOCOCCUS PNEUMONIAE TYPE 3
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
Vaxxilon AG
(72) SEEBERGER, Peter
PEREIRA, Claney Lebev
PARAMESWARAPPA, Sharavathi
Guddehalli
CALOW, Adam Daniel James
MENOVA, Petra
BAEK, Ju Yuel
(31) 16165453
16165694
(32) 14.04.2016
15.04.2016
(33) European Patent Office (EPO)
European Patent Office (EPO)
-
- (51) C07H 11/04
C08K 5/00
C08K 5/14
C08K 5/372
C08K 5/521
C09K 21/12
C08L 25/06
C08J 9/00
(11) EP2574614
- (21) EP11183619.3
(47) 01.05.2019
(22) 30.09.2011
(54) Flame-retardant polymer foams with halogen-free flame-retardant agents containing phosphorous on a sugar basis
(73) BASF SE
(72) Bellin, Ingo, Dr.
Denecke, Hartmut
Fuchs, Sabine, Dr.
Fleckenstein, Christoph, Dr.
Deglmann, Peter, Dr.
Hofmann, Maximilian, Dr.
Spies, Patrick, Dr.
Hahn, Klaus, Dr.
Massonne, Klemens, Dr.
Janssens, Geert, Dr.
-
- (51) C07H 13/04
C08B 37/00
C08J 5/18
C08L 5/00
(11) EP2938639
(21) EP13821334.3
(47) 01.05.2019
(87) US2013076919
03.07.2014
(22) 20.12.2013
(54) PREPARATION OF POLY ALPHA-1,3-GLUCAN ESTERS
(73) E. I. du Pont de Nemours and Company
(72) KASAT, Rahul, B.
PAULLIN, Jayme, L.
(31) 201261746328 P
201261746338 P
201261746335 P
(32) 27.12.2012
27.12.2012
27.12.2012
(33) United States of America
United States of America
United States of America
-
- (51) C07H 21/02
(11) EP2691118
(21) EP12714607.4
(47) 01.05.2019
(87) EP2012055639
04.10.2012
(22) 29.03.2012
(54) PERFLUORINATED COMPOUNDS FOR THE NON-VIRAL TRANSFER OF NUCLEIC ACIDS
(73) Schäfer, Konstanze
Libera-Körner, Jeanette
(72) Schäfer, Konstanze
Libera-Körner, Jeanette
(31) 102011016334
102011101361
102011112191
102011117390
(32) 31.03.2011
09.05.2011
26.08.2011
20.10.2011
(33) Germany
Germany
Germany
Germany
-
- (51) C07H 21/04
- (11) EP3319975
(21) EP16736845.5
(47) 01.05.2019
(87) EP2016066044
12.01.2017
(22) 06.07.2016
(54) GUANINE-RICH OLIGONUCLEOTIDES
(73) Kuros Biosciences AG
(72) HENNECKE, Frank
KINZLER, Matthias
SAUDAN, Philippe
ERICKSON, Jennifer
LACAN, Isabelle
LAN LE, Chi
(31) 201562189832 P
15177520
(32) 08.07.2015
20.07.2015
(33) United States of America
European Patent Office (EPO)
-
- (51) C07K 1/22
C07K 14/31
C07K 1/36
B01D 15/38
(11) EP2970379
(21) EP14722399.4
(47) 01.05.2019
(87) US2014021802
02.10.2014
(22) 07.03.2014
(54) METHODS OF INCREASING PROTEIN PURITY USING PROTEIN A BASED CHROMATOGRAPHY
(73) EMD Millipore Corporation
(72) BIAN, Nanying
HOLSTEIN, Melissa
(31) 201361783381 P
(32) 14.03.2013
(33) United States of America
-
- (51) C07K 5/12
A61K 38/07
A61P 25/10
(11) EP3166625
(21) EP15818825.0
(47) 01.05.2019
(87) US2015040184
14.01.2016
(22) 13.07.2015
(54) CYCLIC TETRAPEPTIDE STEREOISOMERS
(73) The University of Kansas
(72) ALDRICH, Jane V.
SENADEHEERA, S P Sanjeeva Nilendra
(31) 201462023392 P
(32) 11.07.2014
(33) United States of America
-
- (51) C07K 7/08
A61K 38/04
C12N 9/99
C12N 15/113
(11) EP3237436
(21) EP15825938.2
(47) 01.05.2019
(87) EP2015081197
30.06.2016
(22) 23.12.2015

<p>(54) PEPTIDES AND NANOPARTICLES FOR INTRACELLULAR DELIVERY OF MOLECULES (73) AADIGEN, LLC (72) DIVITA, Gilles DESAI, Neil (31) 1403004 (32) 24.12.2014 (33) France</p> <hr/> <p>(51) C07K 14/11 (11) EP2953967 (21) EP14749330.8 (47) 01.05.2019 (87) US2014015397 14.08.2014 (22) 07.02.2014 (54) HUMAN ADAPTATION OF H5 INFLUENZA (73) Massachusetts Institute of Technology (72) SASISEKHARAN, Ram RAMAN, Rahul THARAKARAMAN, Kannan VISWANATHAN, Karthik STEBBINS, Nathan Wilson (31) 201361762103 P (32) 07.02.2013 (33) United States of America</p> <hr/> <p>(51) C07K 14/435 A61K 39/00 A61K 38/17 A61P 33/00 (11) EP2168978 (21) EP08757900.9 (47) 01.05.2019 (87) CU20080000003 04.12.2008 (22) 30.05.2008 (54) AMINO ACID AND NUCLEIC ACID SEQUENCES AND VACCINE TO CONTROL ECTOPARASITE INFESTATIONS IN FISH (73) Centro De Ingenieria Genetica Y Biotecnologia (72) CARPIO GONZALEZ, Yamila ESTRADA GARCIA, Mario, Pablo (31) 20070124 (32) 31.05.2007 (33) Cuba</p> <hr/> <p>(51) C07K 14/47 A61K 31/713 A61K 38/17 A61P 5/26 C07K 19/00 C07K 7/06 C07K 7/08 C12N 5/071 C12Q 1/02 C12P 33/00 (11) EP3008080 (21) EP14810382.3 (47) 01.05.2019 (87) CA2014050467 18.12.2014 (22) 21.05.2014 (54) THERAPEUTICS FOR THE INDUCTION OF ENDOGENOUS STEROIDOGENESIS AND METHODS ASSOCIATED WITH THEIR IDENTIFICATION</p>	<p>(73) The Royal Institution for the Advancement of Learning / McGill University (72) PAPADOPOULOS, Vassilios AGHAZADEH, Yasaman FAN, Jinjiang (31) 201361834993 P 201461953336 P (32) 14.06.2013 14.03.2014 (33) United States of America United States of America</p> <hr/> <p>(51) C07K 14/475 A61K 47/64 (11) EP3082871 (21) EP14821249.1 (47) 01.05.2019 (87) GB2014053764 25.06.2015 (22) 18.12.2014 (54) TRANSDUCTION (73) The University of Nottingham (72) DIXON, James SHAKESHEFF, Kevin DENNING, Chris (31) 201322396 (32) 18.12.2013 (33) United Kingdom</p> <hr/> <p>(51) C07K 14/54 C07K 19/00 A61K 39/39 C12N 15/113 A61K 38/20 A61K 39/395 (11) EP3142692 (21) EP15792833.4 (47) 01.05.2019 (87) IL2015050498 19.11.2015 (22) 12.05.2015 (54) COMPOSITIONS COMPRISING IL-31 AND USES THEREOF (73) Technion Research & Development Foundation Limited (72) FREMDER, Ella ARONHEIM, Ami SHAKED, Yuval (31) 201461991641 P (32) 12.05.2014 (33) United States of America</p> <hr/> <p>(51) C07K 14/745 (11) EP2925777 (21) EP13857951.1 (47) 01.05.2019 (87) IB2013060438 05.06.2014 (22) 27.11.2013 (54) MONOLITH-BASED PSEUDO-BIOAFFINITY PURIFICATION METHODS FOR FACTOR VIII AND APPLICATIONS THEREOF (73) Centre for Bioseparation Technology-VIT (72) JANAKIRAMAN, Vignesh, Narasimhan PRASANNA, Rajasekar, Rajagopal KAMALANATHAN, Agamudi, Sivasakaran VIJAYALAKSHMI, Mookambeswaran, Arunachalam (31) 5018CH2012</p>	<p>(32) 30.11.2012 (33) India</p> <hr/> <p>(51) C07K 16/00 C07K 16/46 C12N 9/52 C12P 21/02 C07K 16/32 (11) EP3233906 (21) EP15817154.6 (47) 01.05.2019 (87) EP2015079692 23.06.2016 (22) 15.12.2015 (54) ENZYMATIC ONE-POT REACTION FOR DOUBLE POLYPEPTIDE CONJUGATION IN A SINGLE STEP USING SORTASE (73) F.Hoffmann-La Roche AG (72) HEINDL, Dieter KOPETZKI, Erhard TIEFENTHALER, Georg (31) 14198534 (32) 17.12.2014 (33) European Patent Office (EPO)</p> <hr/> <p>(51) C07K 16/10 C07K 16/46 C12N 15/09 C12P 21/08 C12N 15/13 A61K 39/00 A61K 39/42 (11) EP3048115 (21) EP15196615.7 (47) 01.05.2019 (22) 27.01.2009 (54) MONOCLONAL ANTIBODIES FOR EBOLA AND MARBURG VIRUSES (73) Her Majesty The Queen In Right of Canada as represented by The Minister of Health Jones, Steven (72) JONES, Steven QIU, Xiangguo FELDMANN, Heinz STROEHER, Ute (31) 25491 P (32) 01.02.2008 (33) United States of America</p> <hr/> <p>(51) C07K 16/28 C07K 16/18 C07K 16/46 A61K 39/395 A61P 25/28 (11) EP2890712 (21) EP13756076.9 (47) 01.05.2019 (87) EP2013067595 06.03.2014 (22) 26.08.2013 (54) BLOOD BRAIN BARRIER SHUTTLE (73) F.Hoffmann-La Roche AG (72) BOHRMANN, Bernd FRESKGARD, Per-Ola MAIER, Peter NIEWOEHNER, Jens TISSOT-DAGUETTE, Alain URICH, Eduard (31) 12182181 (32) 29.08.2012 (33) European Patent Office (EPO)</p>
--	---	---

- (51) C07K 16/28
C12N 1/15
C12N 1/19
C12N 1/21
C12N 5/10
C12N 15/02
C12N 15/09
C12P 21/08
(11) EP2695897
(21) EP12767727.6
(47) 01.05.2019
(87) JP2012058531
11.10.2012
(22) 30.03.2012
(54) NOVEL ANTI-HUMAN IL-23 RECEPTOR
ANTIBODY
(73) Astellas Pharma Inc.
(72) OHORI, Makoto
SASAKI, Takanori
SATO, Hiromu
TAGUCHI, Katsunari
(31) 2011081982
(32) 01.04.2011
(33) Japan
-
- (51) C07K 16/28
G01N 33/53
(11) EP2850101
(21) EP13725298.7
(47) 01.05.2019
(87) EP2013059802
06.02.2014
(22) 13.05.2013
(54) ANTI-FCRN ANTIBODIES
(73) UCB Biopharma SPRL
(72) FINNEY, Helene Margaret
LAWSON, Alastair David Griffiths
SHAW, Stevan Graham
SMITH, Bryan John
TYSON, Kerry Louise
KEVORKIAN, Lara
MEIER, Christoph
ATHERFOLD, Paul, Alan
SARKAR, Kaushik
(31) 201208370
(32) 14.05.2012
(33) United Kingdom
-
- (51) C07K 16/40
(11) EP2855530
(21) EP13730049.7
(47) 01.05.2019
(87) GB2013051373
28.11.2013
(22) 24.05.2013
(54) ANTI-TRANSGLUTAMINASE 2
ANTIBODIES
(73) LifeArc
(72) JOHNSON, Tim
WATSON, Phil
MATTHEWS, David
BROWN, Alex
(31) 201209096
(32) 24.05.2012
(33) United Kingdom
-
- (51) C08B 31/18
(11) EP3277729
(21) EP16713298.4
(47) 01.05.2019
(87) EP2016055231
- 06.10.2016
(22) 11.03.2016
(54) PROCESS FOR THE OXIDATION OF
STARCH-BASED MATERIALS
(73) AMBIENTE E NUTRIZIONE S.r.l.
(72) VEZZANI, Massimo
(31) MI20150457
(32) 30.03.2015
(33) Italy
-
- (51) C08B 37/08
A61K 47/36
A61K 47/50
(11) EP3184553
(21) EP17152228.7
(47) 01.05.2019
(22) 02.03.2012
(54) DERIVATIVE OF HYALURONIC ACID
MODIFIED WITH AMINO-CARBOXYLIC
ACID
(73) Chugai Seiyaku Kabushiki Kaisha
(72) YASUGI, Tomoko
TAMPO, Yoshihiro
YASUGI, Kenji
HIRAKURA, Tai
SHIMOBOJI, Tsuyoshi
(31) 2011046749
(32) 03.03.2011
(33) Japan
-
- (51) C08F 2/32
C08F 2/00
(11) EP3124502
(21) EP15770377.8
(47) 01.05.2019
(87) JP2015057264
01.10.2015
(22) 12.03.2015
(54) METHOD FOR PRODUCING WATER-
ABSORBENT RESIN PARTICLE
(73) Sumitomo Seika Chemicals Co., Ltd.
(72) TANIMURA, Kenji
UMEZA, Ryusuke
KAKIMOTO, Hidenobu
MATSUSHITA, Hideki
IMAI, Takahiro
(31) 2014064381
(32) 26.03.2014
(33) Japan
-
- (51) C08F 2/46
(11) EP1664944
(21) EP04782720.9
(47) 01.05.2019
(87) US2004028293
24.03.2005
(22) 31.08.2004
(54) SUPERCRITICAL PRESSURE
REGULATION OF VAPOR
COMPRESSION SYSTEM
(73) CARRIER CORPORATION
(72) EISENHOWER, Bryan
PARK, Christopher, G.
KANG, Penju
FINN, Alan
SIENEL, Tobias
(31) 655970
(32) 05.09.2003
(33) United States of America
-
- (51) C08F 2/48
C08F 2/60
(11) EP3320002
(21) EP16736119.5
(47) 01.05.2019
(87) EP2016065942
19.01.2017
(22) 06.07.2016
(54) POLYMERIZATION SYSTEM USING
DOUBLE CLICK MICHAEL ADDITION
AND PHOTOPOLYMERIZATION
(73) Université de Haute Alsace
(72) RETAILLEAU, Matthieu
IBRAHIM, Ahmad
ALLONAS, Xavier
CROUTXÉ-BARGHORN, Céline
(31) 15306146
(32) 10.07.2015
(33) European Patent Office (EPO)
-
- (51) C08F 4/64
C08F 4/659
C08F 10/00
(11) EP3022233
(21) EP14826361.9
(47) 01.05.2019
(87) US2014045537
22.01.2015
(22) 07.07.2014
(54) CYCLOPROPYL SUBSTITUTED
METALLOCENE CATALYSTS
(73) ExxonMobil Chemical Patents Inc.
(72) CANICH, Jo Ann, M.
VOSKOBOYNIKOV, Alexander, Z.
UBORSKY, Dmitry, V.
BORISOV, Ilya, S.
TSAREV, Alexey A.
KULYABIN, Pavel, S.
SHARIKOV, Mikhail, I.
SAMSONOV, Oleg, V.
GORUNOV, Georgy, P.
(31) 201361847464 P
(32) 17.07.2013
(33) United States of America
-
- (51) C08F 4/654
C08F 10/00
C08F 4/651
(11) EP1533322
(21) EP03791282.1
(47) 01.05.2019
(87) JP2003010740
11.03.2004
(22) 26.08.2003
(54) SOLID CATALYST COMPONENT FOR
OLEFIN POLYMERIZATION AND
CATALYST
(73) TOHO TITANIUM CO., LTD.
(72) HOSAKA, Motoki c/o TOHO TITANIUM
CO., LTD
SATO, Maki c/o TOHO TITANIUM CO.,
LTD
(31) 2002251077
2002271014
2002380729
2002380730
(32) 29.08.2002
18.09.2002
27.12.2002
27.12.2002
(33) Japan

Japan	03.02.2014	(54) REACTION PRODUCTS CONTAINING
Japan	02.06.2014	AMIDO AMINE GROUP
Japan	(33) European Patent Office (EPO)	(73) BYK-Chemie GmbH
(51) C08F 10/02	United States of America	(72) OKKEL, Andreas
B01J 8/18	European Patent Office (EPO)	OMEIS, Jürgen
B01J 8/24	(51) C08F 220/54	BÖMER, Jörg
(11) EP3224287	C08F 230/08	ROCH, Monika
(21) EP15805712.5	G02B 1/04	STELZ, Sabine
(47) 01.05.2019	(11) EP3052534	GÖBELT, Bernd
(87) US2015062505	(21) EP14781385.1	(31) 15170609
02.06.2016	(47) 01.05.2019	(32) 03.06.2015
(22) 24.11.2015	(87) US2014057019	(33) European Patent Office (EPO)
(54) METHODS OF CONTROLLING	02.04.2015	(51) C08G 63/08
POLYOLEFIN MELT INDEX	(22) 23.09.2014	C08G 85/00
(73) Univation Technologies, LLC	(54) METHOD FOR MAKING UV-	C08L 101/16
(72) SAVATSKY, Bruce J.	ABSORBING OPHTHALMIC LENSES	C08G 63/78
MURUGANANDAM, Natarajan	(73) Novartis AG	B01J 19/24
LYNN, Timothy R.	(72) HOLLAND, Troy Vernon	(11) EP2814866
FARLEY, James M.	CHANG, Frank	(21) EP13749202.1
ZILKER, JR., Daniel P.	HAKEN, Uwe	(47) 01.05.2019
HUSSEIN, Fathi David	WEINSCHENK, III Joseph I.	(87) JP2013052291
(31) 201462084280 P	(31) 201361884181 P	22.08.2013
(32) 25.11.2014	(32) 30.09.2013	(22) 25.01.2013
(33) United States of America	(33) United States of America	(54) METHOD FOR PRODUCING POLYMER
(51) C08F 12/32	(51) C08G 18/62	AND DEVICE FOR PRODUCING
C08F 12/22	C08G 18/75	POLYMER
C08F 12/26	C08G 18/79	(73) Ricoh Company, Ltd.
C08F 212/32	C08G 18/80	(72) NEMOTO, Taichi
H01L 51/54	C08G 18/08	TANAKA, Chiaki
C09K 11/06	C09D 175/04	(31) 2012029282
C09D 125/18	(11) EP3230334	2012191183
(11) EP3229288	(21) EP15802081.8	(32) 14.02.2012
(21) EP15865073.9	(47) 01.05.2019	31.08.2012
(47) 01.05.2019	(87) EP2015078060	(33) Japan
(87) CN2015096328	16.06.2016	Japan
09.06.2016	(22) 30.11.2015	(51) C08G 63/66
(22) 03.12.2015	(54) NON-AQUEOUS COATING	C08G 63/08
(54) POLYMER, AND MIXTURE,	COMPOUNDS, COATINGS PRODUCED	C08G 63/60
FORMULATION AND ORGANIC	THEREFROM HAVING IMPROVED	(11) EP2464678
ELECTRONIC DEVICE CONTAINING	ADHESION AND ABRASION	(21) EP10744791.4
THE SAME, AND MONOMER THEREOF	RESISTANCE, AND THEIR USE	(47) 01.05.2019
(73) Guangzhou Chinaray Optoelectronic	(73) BASF Coatings GmbH	(87) US2010044836
Materials Ltd.	(72) KLEIN, Guenter	17.02.2011
(72) PAN, Junyou	WENKING, Ulrike	(22) 09.08.2010
HUANG, Hong	WEIHER, Christian	(54) SEMI-CRYSTALLINE, FAST
(31) 201410734855	FEIGL, Andreas	ABSORBING POLYMER FORMULATION
(32) 04.12.2014	(31) 14196777	(73) Ethicon, Inc
(33) China	(32) 08.12.2014	(72) ANDJELIC, Sasa
(51) C08F 110/06	(33) European Patent Office (EPO)	(31) 538259
C08F 4/656	(51) C08G 18/71	(32) 10.08.2009
C08F 4/658	C08G 18/76	(33) United States of America
(11) EP3083718	C08G 18/28	(51) C08G 64/38
(21) EP14820856.4	C08G 18/38	C08G 64/18
(47) 01.05.2019	C08G 18/32	C08G 77/448
(87) EP2014078798	C09D 133/00	C08L 69/00
25.06.2015	C07C 271/26	(11) EP3228648
(22) 19.12.2014	C07C 271/28	(21) EP15866220.5
(54) PROCATALYST FOR	C07C 269/02	(47) 01.05.2019
POLYMERIZATION OF OLEFINS	C07C 237/04	(87) KR2015013156
(73) Saudi Basic Industries Corporation	B01F 17/00	09.06.2016
SABIC Global Technologies B.V.	C09D 5/00	(22) 03.12.2015
(72) SIDDIQUI, Inaamul Haq	(11) EP3303439	(54) COPOLYCARBONATE AND
AL-BAHILY, Khalid Abdullah	(21) EP16732461.5	COMPOSITION CONTAINING SAME
AL-GAHTANI, Khalid Mohammed	(47) 01.05.2019	(73) LG Chem, Ltd.
(31) 13199166	(87) EP2016062719	(72) HWANG, Young Young
201461935070 P	08.12.2016	PARK, Jung Jun
14170827	(22) 03.06.2016	HONG, Moo Ho
(32) 20.12.2013		(31) 20140173005

20150170792	(33) France	(22) 23.09.2004
(32) 04.12.2014	(51) C08G 69/26	(54) MICROGELS IN CROSS-LINKABLE, ORGANIC MEDIA
02.12.2015	C08J 5/04	(73) ARLANXEO Deutschland GmbH
(33) Korea (Republic)	C08J 5/24	(72) ZISER, Torsten
Korea (Republic)	C08L 77/06	FRÜH, Thomas
(51) C08G 65/08	C08G 69/48	HEILIGER, Ludger
C11D 17/04	C08K 7/04	OBRECHT, Werner
(11) EP1971633	B29C 70/02	(31) 10344976
(21) EP07700205.3	(11) EP3002306	(32) 27.09.2003
(47) 01.05.2019	(21) EP15194316.4	(33) Germany
(87) EP2007000149	(47) 01.05.2019	(51) C08J 5/18
19.07.2007	(22) 21.10.2013	C08J 7/12
(22) 10.01.2007	(54) SEMI-CRYSTALLINE POLYAMIDE	(11) EP3186300
(54) WRAPPED DETERGENT	THERMOPLASTIC COMPOSITE	(21) EP15752998.3
COMPOSITIONS AND MANUFACTURE	MATERIAL AND METHOD FOR	(47) 01.05.2019
PROCESS	MANUFACTURING SAME	(87) EP2015068534
(73) Dalli-Werke GmbH & Co. KG	(73) ARKEMA FRANCE	03.03.2016
(72) DE BOER, Robbert	(72) BRIFFAUD, Thierry	(22) 12.08.2015
VAN OMMEN, Janco	HOCHSTETTER, Gilles	(54) SURFACE-MODIFIED SILICONE AND
SCHULDINK, Henk	(31) 1260058	METHOD FOR PRODUCING SAME
BEENEN, Henk	(32) 23.10.2012	(73) Fraunhofer-Gesellschaft zur Förderung der
RUITER, Marco	(33) France	angewandten Forschung e.V.
(31) 06000790	(51) C08J 3/03	(72) DÖLLE, Christopher
(32) 14.01.2006	C08F 218/08	SCHILINSKY, Laura
(33) European Patent Office (EPO)	C08F 210/02	WILKEN, Ralph
(51) C08G 69/00	C08F 2/24	SCHMÜSER, Christoph
C08G 69/26	C08K 3/00	VISSING, Klaus-Dieter
C08G 69/36	C08K 5/00	(31) 102014217000
C08G 69/34	(11) EP3321305	(32) 26.08.2014
C08G 69/40	(21) EP16821605.9	(33) Germany
C08G 69/44	(47) 01.05.2019	(51) C08J 5/18
C08G 69/48	(87) KR2016007179	C09D 175/04
C08G 18/60	12.01.2017	B32B 27/40
C08G 18/12	(22) 04.07.2016	(11) EP2679644
C08G 18/08	(54) VINYL ACETATE-ETHYLENE	(21) EP12749523.2
(11) EP3205686	COPOLYMER EMULSION AND	(47) 01.05.2019
(21) EP17164920.5	METHOD FOR PRODUCING SAME	(87) JP2012054266
(47) 01.05.2019	(73) Wacker Chemie AG	30.08.2012
(22) 03.02.2014	(72) CHOI, Yong Hae	(22) 22.02.2012
(54) LIQUID TELECHELIC PREPOLYMER	KIM, Jong Bok	(54) COATING COMPOSITION FOR
(73) Lubrizol Advanced Materials, Inc.	(31) 20150096124	FORMING GAS BARRIER LAYER, GAS
(72) Erdodi, Gabor	(32) 06.07.2015	BARRIER FILM, AND METHOD FOR
Pourahmady, Naser	(33) Korea (Republic)	PRODUCING GAS BARRIER FILM
Lai, John Ta-Yuan	(51) C08J 3/22	(73) Dainichiseika Color & Chemicals Mfg. Co.,
Pajerski, Anthony D.	C08J 3/20	Ltd.
(31) 201361764216 P	C08L 83/04	Ukima Chemicals & Color Mfg. Co., Ltd.
(32) 13.02.2013	(11) EP1877470	(72) TAKAHASHI, Kenichi
(33) United States of America	(21) EP06725979.6	URUNO, Manabu
(51) C08G 69/26	(47) 01.05.2019	KIMURA, Kazuya
C08G 69/28	(87) FR2006000398	HANADA, Kazuyuki
C08G 83/00	14.09.2006	(31) 2011038977
C08L 77/06	(22) 22.02.2006	2011107262
C08L 101/02	(54) ORGANOPOLYSILOXANE	(32) 24.02.2011
C08J 5/08	COMPOSITIONS THAT HARDEN	12.05.2011
C08K 7/14	INTO ELASTOMERS AT AMBIENT	(33) Japan
(11) EP2201059	TEMPERATURE IN THE PRESENCE OF	Japan
(21) EP08804861.6	MOISTURE	(51) C08J 7/04
(47) 01.05.2019	(73) ELKEM SILICONES France SAS	C08J 5/18
(87) EP2008063002	(72) CHAUSSADE, Marc	C09D 133/04
02.04.2009	(31) 0502179	C08K 7/26
(22) 29.09.2008	(32) 04.03.2005	G02B 1/10
(54) HIGH FLUIDITY POLYAMIDE	(33) France	C09D 4/00
(73) Rhodia Opérations	(51) C08J 3/24	C08F 222/10
(72) TROUILLET-FONTI, Lise	(11) EP1664158	C09D 133/14
AMICI, Marco	(21) EP04766849.6	G02B 1/11
THIERRY, Jean-François	(47) 01.05.2019	(11) EP2949692
(31) 0706820	(87) EP2004052294	(21) EP14765283.8
(32) 28.09.2007	14.04.2005	

(47) 01.05.2019	(54) MANUFACTURE OF FLAME	(47) 01.05.2019
(87) KR2014002127	RETARDANTS FOR PLASTICS	(87) CN2012072802
18.09.2014	(73) Jackon GmbH	27.09.2012
(22) 13.03.2014	(72) Falge, Joachim	(22) 22.03.2012
(54) PLASTIC FILM	(31) 102014013643	(54) PHOSPHOROUS-CONTAINING FLAME
(73) LG Chem, Ltd.	(32) 19.09.2014	RETARDANTS FOR POLYURETHANE
(72) JUNG, Soon Hwa	(33) Germany	FOAMS
KIM, Boo Kyung	(51) C08K 5/03	(73) Dow Global Technologies LLC
JANG, Seok Hoon	C08K 5/05	(72) QI, Yudong
KANG, Joon Koo	C08K 5/09	TAI, Xiangyang
SHIM, Jae Hoon	C08G 63/46	(31) PCT/CN2011/072072
LEE, Seung Jung	C08G 63/91	(32) 23.03.2011
CHANG, Yeong Rae	(11) EP3212703	(33) World Intellectual Property Office (WIPO)
HONG, Sung Don	(21) EP15854859.4	(51) C08L 7/00
(31) 20130028142	(47) 01.05.2019	C08L 9/00
20130028137	(87) US2015057685	C08L 9/06
20140029031	06.05.2016	C08L 11/00
(32) 15.03.2013	(22) 28.10.2015	C08L 21/00
15.03.2013	(54) POLYMERIC PLASTICIZER	C08L 23/12
12.03.2014	COMPOSITIONS	C08L 23/16
(33) Korea (Republic)	(73) Resinate Materials Group, Inc.	C08L 23/22
Korea (Republic)	(72) BAE, Woo-Sung	B29B 7/48
Korea (Republic)	TABOR, Rick	B29K 23/00
(51) C08J 9/04	ROGERS, Kevin, Anthony	C08F 255/02
C08J 9/00	MUKERJEE, Shakti, L.	C08L 9/02
C08L 23/12	(31) 201462072074 P	C08L 23/08
C08L 23/26	201562099930 P	C08L 31/04
C08L 83/10	(32) 29.10.2014	(11) EP3214120
C08J 9/12	05.01.2015	(21) EP17158649.8
C08G 77/442	(33) United States of America	(47) 01.05.2019
(11) EP3263638	United States of America	(22) 01.03.2017
(21) EP16755619.0	(51) C08K 5/06	(54) THERMOPLASTIC ELASTOMER
(47) 01.05.2019	C08G 18/08	COMPOSITION OF AN ELASTOMER
(87) JP2016055625	C08G 18/42	AND A NON-ELASTOMER
01.09.2016	C08J 3/03	POLYOLEFIN, FUNCTIONALISED WITH
(22) 25.02.2016	C09J 175/04	AN ANHYDRIDE OF AN ORGANIC
(54) POLYOLEFIN RESIN FOAM PARTICLES	(11) EP3227372	CARBOXYLIC ACID
AND PRODUCTION METHOD FOR	(21) EP15805146.6	(73) Kraiburg TPE GmbH & Co. KG
SAME	(47) 01.05.2019	(72) Vielsack, Frieder
(73) Kaneka Corporation	(87) EP2015078370	(31) 102016103823
(72) YAMAGUCHI, Takema	09.06.2016	(32) 03.03.2016
MIURA, Shintaro	(22) 02.12.2015	(33) Germany
(31) 2015037217	(54) AQUEOUS ADHESIVE DISPERSION	(51) C08L 7/00
(32) 26.02.2015	CONTAINING POLYURETHANES AND	C08L 9/00
(33) Japan	ETHOXYLATED FATTY ALCOHOLS	C08L 21/00
(51) C08J 9/26	(73) BASF SE	C08L 23/12
B29C 45/00	(72) SCHUMACHER, Karl-Heinz	C08L 23/16
(11) EP2857445	SANDERS, Gemma	C08L 23/22
(21) EP13793105.1	SIMANCAS, Kimberly	C08L 31/04
(47) 01.05.2019	HARTZ, Oliver	B29K 96/04
(87) JP2013064520	(31) 14196561	B29B 7/48
28.11.2013	(32) 05.12.2014	B29K 7/00
(22) 24.05.2013	(33) European Patent Office (EPO)	B29K 9/06
(54) METHOD FOR MANUFACTURING	(51) C08K 5/52	B29K 23/00
FUNCTIONAL RESIN	C08K 5/524	B29K 105/00
(73) National Institute of Advanced Industrial	C08K 5/521	C08L 9/02
Science and Technology	C08K 5/527	C08L 9/06
(72) KURIHARA Kazuma	C08G 18/28	C08L 23/08
(31) 2012119907	C08G 18/38	(11) EP3214119
(32) 25.05.2012	C08G 18/50	(21) EP17158645.6
(33) Japan	C08G 18/66	(47) 01.05.2019
(51) C08K 3/02	C08G 101/00	(22) 01.03.2017
C08L 25/06	C07D 407/12	(54) THERMOPLASTIC ELASTOMER
(11) EP2998348	C07F 9/141	COMPOSITION MADE OF AN
(21) EP15002666.4	C07F 9/6571	ELASTOMER, A NON-ELASTOMER
(47) 01.05.2019	C07F 9/6574	POLYOLEFIN AND A THERMOPLASTIC
(22) 14.09.2015	(11) EP2688953	ELASTOMER ON THE BASIS OF A
	(21) EP12761119.2	POLYOLEFIN BLOCK COPOLYMER

(73) Kraiburg TPE GmbH & Co. KG	(72) OSHIRO, Kojun	(22) 17.08.2011
(72) Vielsack, Frieder	TSUCHIHASHI, Masaaki	(54) HYDROLYSIS-RESISTANT POLYESTER FILM
(31) 102016103822	(31) 2014256433	(73) Toyobo Co., Ltd.
(32) 03.03.2016	(32) 18.12.2014	(72) TOGAWA, Keiichiro
(33) Germany	(33) Japan	Ohashi, Hideto
(51) C08L 23/04	(51) C08L 33/02	UNRININ, Toshifumi
C08L 23/06	A61F 13/15	SHIBANO, Hiroshi
(11) EP3037471	A61F 13/49	(31) 2011049962
(21) EP14199663.7	A61F 13/53	2010182898
(47) 01.05.2019	C08F 2/44	(32) 08.03.2011
(22) 22.12.2014	C08K 5/37	18.08.2010
(54) Process for producing multimodal polyethylene compositions	(11) EP2116571	(33) Japan
(73) Borealis AG	(21) EP08710756.1	Japan
(72) Qizheng, Dou	(47) 01.05.2019	(51) C08L 67/02
Albunia, Alexandra Romina	(87) JP2008051777	C08J 5/18
Liu, Yi	14.08.2008	B29K 105/00
(51) C08L 23/12	(22) 04.02.2008	B29C 47/00
C08F 4/654	(54) GRANULAR WATER ABSORBER AND METHOD OF PRODUCING THE SAME	B29K 67/00
C08F 4/6592	(73) Nippon Shokubai Co., Ltd.	B29C 51/02
C08J 5/18	(72) IKEUCHI, Hiroyuki	B29L 7/00
H01G 4/18	FUJIMARU, Hirotama	C08K 5/11
C08F 110/06	NAGASAWA, Makoto	C08K 5/20
(11) EP3176214	SAKAMOTO, Kazuhiko	C08L 67/04
(21) EP15826415.0	SAKAMOTO, Shigeru	(11) EP2818518
(47) 01.05.2019	TORII, Kazushi	(21) EP13751881.7
(87) JP2015071634	TAHARA, Ryoko	(47) 01.05.2019
04.02.2016	(31) 2007025091	(87) JP2013052831
(22) 30.07.2015	2007080695	29.08.2013
(54) PROPYLENE HOMOPOLYMER COMPOSITION FOR CAPACITOR FILM, METHOD FOR PRODUCING SAME, AND CAPACITOR FILM	2007178031	(22) 07.02.2013
(73) Mitsui Chemicals, Inc.	(32) 05.02.2007	(54) MOLDED PRODUCT COMPOSED OF POLYESTER RESIN COMPOSITION
Prime Polymer Co., Ltd.	27.03.2007	(73) Kao Corporation
(72) OHTA, Katsutoshi	06.07.2007	(72) SAWADA, Hiroki
(31) 2014156141	(33) Japan	KAMIMURA, Shigehisa
(32) 31.07.2014	Japan	(31) 2012036595
(33) Japan	Japan	2012036594
(51) C08L 23/12	(51) C08L 33/08	2012036593
C08K 7/06	C08L 33/10	2012176193
C08L 23/08	C08L 69/00	(32) 22.02.2012
C08L 51/06	C08K 5/3475	22.02.2012
(11) EP3095818	C08K 5/13	08.08.2012
(21) EP15168961.9	C08F 220/14	(33) Japan
(47) 01.05.2019	(11) EP3255101	Japan
(22) 22.05.2015	(21) EP15881231.3	Japan
(54) POLYPROPYLENE - CARBON FIBER COMPOSITE	(47) 01.05.2019	Japan
(73) Borealis AG	(87) JP2015086075	Japan
(72) Boragno, Luca	11.08.2016	(51) C08L 77/02
Stockreiter, Wolfgang	(22) 24.12.2015	C08L 77/04
Jerabek, Michael	(54) POLYCARBONATE RESIN COMPOSITION AND ARTICLE MOLDED THEREFROM	C08L 67/02
Gastl, Simon	(73) Mitsubishi Gas Chemical Company, Inc.	C08L 77/06
(51) C08L 27/00	(72) KOUNO Kazuki	C08L 77/00
C08K 5/12	KUWAHARA Hisayuki	C08L 67/00
C08L 11/00	(31) 2015021196	(11) EP2443198
C07D 307/68	(32) 05.02.2015	(21) EP10724519.3
C08K 5/00	(33) Japan	(47) 01.05.2019
(11) EP3235865	(51) C08L 67/00	(87) EP2010058594
(21) EP15869704.5	C08J 5/18	23.12.2010
(47) 01.05.2019	C08K 5/13	(22) 18.06.2010
(87) JP2015081774	H01L 31/042	(54) COMPOSITION OF A BLEND OF POLYAMIDE AND POLYESTER RESINS
23.06.2016	H01L 31/048	(73) Rhodia Opérations
(22) 11.11.2015	H01L 31/049	(72) LIM, Mok-Keun
(54) PLASTICIZER FOR HALOGEN-BASED RESIN	(11) EP2607427	LEE, Kwang-Sang
(73) Kao Corporation	(21) EP11818212.0	YU, Yeong Chool
	(47) 01.05.2019	(31) 0954138
	(87) JP2011068627	0954438
	23.02.2012	1052563

(32) 19.06.2009	(72) REINKE, Gerald, H.	26.12.2011
30.06.2009	BAUMGARDNER, Gaylon, L.	26.12.2011
06.04.2010	ENGBER, Steven, L.	(33) Japan
(33) France	(31) 970809 P	Japan
France	976141 P	Japan
France	871782	Japan
(51) C08L 83/04	(32) 07.09.2007	(51) C09C 1/36
(11) EP3184589	28.09.2007	C09C 3/06
(21) EP16205132.0	12.10.2007	C09C 3/04
(47) 01.05.2019	(33) United States of America	(11) EP3083838
(22) 19.12.2016	United States of America	(21) EP14828446.6
(54) ADDITION-CURABLE SILICONE	United States of America	(47) 01.05.2019
RESIN COMPOSITION AND A	(51) C08L 101/00	(87) EP2014003323
SEMICONDUCTOR DEVICE	C01B 33/145	25.06.2015
(73) Shin-Etsu Chemical Co., Ltd.	C01B 33/18	(22) 11.12.2014
(72) IGUCHI, Hiroyuki	C08K 3/36	(54) METHOD FOR COATING THE SURFACE
KUSUNOKI, Takayuki	C09C 1/30	OF INORGANIC PARTICLES, IN
(31) 2015249457	C01B 33/141	PARTICULAR TITANIUM DIOXIDE
2016128007	C01B 33/148	PARTICLES
(32) 22.12.2015	C08K 9/06	(73) Kronos International, Inc.
28.06.2016	(11) EP3009480	(72) HOMMES, Corinna
(33) Japan	(21) EP14811370.7	FRIEDRICH, Jörg
Japan	(47) 01.05.2019	FRAHM, Heiko
(51) C08L 85/00	(87) JP2014065017	WILKENHÖNER, Uwe
C08L 101/00	18.12.2014	(31) 13005849
C08J 5/18	(22) 05.06.2014	(32) 17.12.2013
G03F 7/004	(54) SILICA-CONTAINING RESIN	(33) European Patent Office (EPO)
H01L 21/027	COMPOSITION AND METHOD FOR	(51) C09C 3/00
(11) EP2729534	PRODUCING SAME, AND MOLDED	C09C 3/04
(21) EP12807860.7	ARTICLE PRODUCED FROM SILICA-	C09C 1/36
(47) 01.05.2019	CONTAINING RESIN COMPOSITION	B02C 19/06
(87) US2012044248	(73) Nissan Chemical Corporation	C09D 11/037
10.01.2013	(72) YOSHITAKE, Keiko	(11) EP2964397
(22) 26.06.2012	KIKUNAGA, Ichitaro	(21) EP14714925.6
(54) METAL-OXIDE FILMS FROM SMALL	MIYAMOTO, Ai	(47) 01.05.2019
MOLECULES FOR LITHOGRAPHIC	SHIMADA, Megumi	(87) DE2014000102
APPLICATIONS	(31) 2013122249	12.09.2014
(73) Brewer Science, Inc.	(32) 10.06.2013	(22) 01.03.2014
(72) SULLIVAN, Daniel M.	(33) Japan	(54) DEVICE AND PROCESS FOR THE
NEEF, Charles J.	(51) C09B 11/24	PREPARATION OF AN INK WHICH
WANG, Yubao	C09D 11/00	COMPRISES PARTICLES
OUATTARA, Tantiboro	C09D 11/328	(73) NETZSCH-Feinmahltechnik GmbH
(31) 201113178301	C09B 29/095	(72) ENDERLE, Udo
(32) 07.07.2011	C09B 29/30	REQUENA CASTRO, Santiago
(33) United States of America	C09B 29/42	(31) 102013102244
(51) C08L 95/00	C09B 67/22	(32) 06.03.2013
E01C 7/00	C09B 5/14	(33) Germany
C04B 26/26	C09B 29/036	(51) C09D 5/02
C08K 5/521	(11) EP2799498	C09D 17/00
C08K 5/52	(21) EP12862816.1	C08K 3/22
E01C 7/26	(47) 01.05.2019	C08J 3/20
E01C 19/08	(87) JP2012082670	(11) EP2847284
E01C 19/10	04.07.2013	(21) EP13788498.7
C04B 111/00	(22) 17.12.2012	(47) 01.05.2019
C09D 195/00	(54) COMPOUND HAVING XANTHENE	(87) US2013039784
C08K 5/17	SKELETON, COLORING COMPOSITION,	14.11.2013
C08K 5/00	INK FOR INK JET PRINTING, AND INK	(22) 06.05.2013
(11) EP2185649	JET PRINTING METHOD	(54) METHOD FOR IMPROVING THE
(21) EP08829370.9	(73) Fujifilm Corporation	EFFECTIVENESS OF TITANIUM
(47) 01.05.2019	(72) FUJIE, Yoshihiko	DIOXIDE CONTAINING COATINGS
(87) US2008075452	FOSTER, Clive, Edwin	(73) Ethox Chemicals, LLC
12.03.2009	TATEISHI, Keiichi	(72) PALMER, Charles, Francis
(22) 05.09.2008	(31) 2011284369	VANDEZANDE, Gerald
(54) WARM MIX ASPHALT BINDER	2011284370	(31) 201261643286 P
COMPOSITIONS CONTAINING	2011284371	(32) 06.05.2012
LUBRICATING ADDITIVES	2011284372	(33) United States of America
(73) A.L.M. Holding Company	(32) 26.12.2011	(51) C09D 7/00
Ergon Asphalt & Emulsions Inc.	26.12.2011	(11) EP3153553

- | | | |
|--|-------------------------------------|-------------------------------------|
| (21) EP16002059.0 | AIKAWA, Masataka | (72) Akiyama, Masahiro |
| (47) 01.05.2019 | (31) 2014229271 | Hattori, Seitaro |
| (22) 23.09.2016 | (32) 11.11.2014 | Obi, Masaki |
| (54) CONDUCTIVE POLYMER | (33) Japan | Hasegawa, Koichi |
| COMPOSITION, COATED ARTICLE,
AND PATTERNING PROCESS | (51) C09D 133/06 | (31) 2003333885 |
| (73) Shin-Etsu Chemical Co., Ltd. | C08F 220/26 | 2003333886 |
| (72) Nagasawa, Takayuki | C11D 3/00 | 2003333887 |
| Hatakeyama, Jun | D06P 1/00 | (32) 25.09.2003 |
| (31) 2015188120 | D21H 19/58 | 25.09.2003 |
| (32) 25.09.2015 | (11) EP3197963 | 25.09.2003 |
| (33) Japan | (21) EP15763801.6 | (33) Japan |
| (51) C09D 7/65 | (47) 01.05.2019 | Japan |
| (11) EP2495289 | (87) US2015048806 | Japan |
| (21) EP10826822.8 | 31.03.2016 | (51) C09D 183/14 |
| (47) 01.05.2019 | (22) 08.09.2015 | C09K 21/14 |
| (87) JP2010069196 | (54) NON-FLUORINATED MONOMERS AND | C09D 183/16 |
| 05.05.2011 | POLYMERS FOR SURFACE EFFECT | (11) EP2964713 |
| (22) 28.10.2010 | COMPOSITIONS | (21) EP14707328.2 |
| (54) PHOTOCURABLE COATING | (73) The Chemours Company FC, LLC | (47) 01.05.2019 |
| COMPOSITION AND COATING FILM | (72) SWOREN, John Christopher | (87) EP2014000516 |
| FORMED BY HARDENING SAME | BROWN, Gerald Oronde | 18.09.2014 |
| (73) KANEKA CORPORATION | HAIDZINSKAYA, Tatsiana | (22) 27.02.2014 |
| (72) YOSHIOKA, Masahito | (31) 201462055920 P | (54) PULVERULENT COATED FLAME |
| MIYAMOTO, Masahiro | (32) 26.09.2014 | RETARDANT |
| (31) 2009248114 | (33) United States of America | (73) Clariant International Ltd |
| 2009253334 | (51) C09D 163/10 | (72) MARRWITZ, Daniela |
| 2010159388 | B05D 7/14 | STORK, Annemarie |
| (32) 28.10.2009 | B05D 7/24 | (31) 102013004170 |
| 04.11.2009 | B32B 15/092 | (32) 09.03.2013 |
| 14.07.2010 | C09D 4/02 | (33) Germany |
| (33) Japan | C09D 5/00 | (51) C09D 201/00 |
| Japan | C09D 163/00 | C09D 5/00 |
| Japan | C23C 14/02 | C09D 5/02 |
| Japan | C08F 220/32 | C09D 123/00 |
| (51) C09D 11/101 | C09D 133/06 | C09D 123/04 |
| C09D 11/30 | C09D 4/00 | C09D 131/04 |
| (11) EP2799503 | (11) EP2530129 | C09D 133/00 |
| (21) EP14170672.1 | (21) EP11736988.4 | C09D 175/04 |
| (47) 01.05.2019 | (47) 01.05.2019 | (11) EP2907856 |
| (22) 29.01.2008 | (87) JP2011051327 | (21) EP13845486.3 |
| (54) A printing ink | 04.08.2011 | (47) 01.05.2019 |
| (73) Fujifilm Speciality Ink Systems Limited | (22) 25.01.2011 | (87) JP2013077592 |
| FUJIFILM Corporation | (54) BASE COAT COATING COMPOSITION, | 17.04.2014 |
| (72) Gould, Nigel | COMPOSITE FILM, AND METHOD FOR | (22) 10.10.2013 |
| (31) 0701660 | PRODUCING SAME | (54) WATER-BASED PRIMER COMPOSITION |
| 0705323 | (73) Central Motor Wheel Co., Ltd. | (73) The Yokohama Rubber Co., Ltd. |
| (32) 29.01.2007 | Fujikura Kasei Co., Ltd. | (72) OKAMATSU, Takahiro |
| 20.03.2007 | (72) ISOGAI Takashi | (31) 2012226055 |
| (33) United Kingdom | KUDOU Hirohito | (32) 11.10.2012 |
| United Kingdom | KOIKE Keiji | (33) Japan |
| (51) C09D 127/12 | (31) 2010015886 | (51) C09G 3/00 |
| B05D 7/14 | (32) 27.01.2010 | (11) EP3301139 |
| B05D 7/24 | (33) Japan | (21) EP17194101.6 |
| C09D 5/03 | (51) C09D 183/04 | (47) 01.05.2019 |
| C09D 127/16 | C09D 183/14 | (22) 29.09.2017 |
| C09D 153/00 | H01L 21/312 | (54) SKI WAX |
| C09D 201/06 | H01L 21/316 | (73) Brav Norway AS |
| (11) EP3219769 | (11) EP1520891 | (72) GLØGÅRD, Christian |
| (21) EP15858558.8 | (21) EP04022854.6 | SMEVOLD, Terje |
| (47) 01.05.2019 | (47) 01.05.2019 | (31) 20161574 |
| (87) JP2015081380 | (22) 24.09.2004 | (32) 30.09.2016 |
| 19.05.2016 | (54) FILM FORMING COMPOSITION, | (33) Norway |
| (22) 06.11.2015 | PROCESS FOR PRODUCING FILM | (51) C09J 7/22 |
| (54) COMPOSITION FOR POWDER COATING | FORMING COMPOSITION, INSULATING | C04B 35/26 |
| MATERIAL, POWDER COATING | FILM FORMING MATERIAL, PROCESS | H01F 1/34 |
| MATERIAL AND COATED ARTICLE | FOR FORMING FILM, AND SILICA- | C04B 35/30 |
| (73) AGC Inc. | BASED FILM | (11) EP2916330 |
| (72) SAITO, Shun | (73) JSR Corporation | (21) EP13850317.2 |

(47) 01.05.2019	Tupe, Ravindra	C08G 18/78
(87) JP2013079221	Kuosa, Juha	C08G 18/48
08.05.2014	Nikiforova, Liubov	C08G 18/24
(22) 29.10.2013	(51) C09J 153/02	C08G 18/20
(54) FERRITE SINTERED PLATE AND FERRITE SINTERED SHEET	C08F 257/02	C08G 18/16
(73) TODA KOGYO CORP.	C08F 297/04	C08G 18/08
(72) SADAI, Makoto	C08L 91/00	C08G 18/12
DOTE, Tomohiro	C08L 93/00	C08G 18/72
OKANO, Yoji	C08L 53/02	C08K 3/26
(31) 2012240882	(11) EP2878644	(11) EP3310869
(32) 31.10.2012	(21) EP13823840.7	(21) EP16741407.7
(33) Japan	(47) 01.05.2019	(47) 01.05.2019
(51) C09J 7/38	(87) JP2013069551	(87) US2016037449
C08G 18/79	30.01.2014	22.12.2016
C08G 18/42	(22) 18.07.2013	(22) 14.06.2016
C09J 167/02	(54) BLOCK COPOLYMER COMPOSITION FOR ADHESIVES, AND ADHESIVE COMPOSITION	(54) LATENT TWO-PART POLYURETHANE ADHESIVES
C09J 167/06	(73) Japan Elastomer Co., Ltd.	(73) Dow Global Technologies LLC
C09J 175/06	Asahi Kasei Kabushiki Kaisha	(72) SCHMATLOCH, Stefan
(11) EP2280048	(72) NAKAJIMA, Shigeo	CADERAS, Liona
(21) EP09750634.9	HISASUE, Takahiro	(31) 201562181359 P
(47) 01.05.2019	EBARA, Kenji	201562213650 P
(87) JP2009059375	NAKAMICHI, Yukinori	201662316680 P
26.11.2009	(31) 2012165195	201662316677 P
(22) 21.05.2009	(32) 25.07.2012	(32) 18.06.2015
(54) POLYESTER-BASED MASKING SHEET	(33) Japan	03.09.2015
(73) Nitto Denko Corporation	(51) C09J 167/03	01.04.2016
(72) SATOMI, Yoshie	C08G 63/52	01.04.2016
HITOSHI, Takahira	C09J 11/06	(33) United States of America
(31) 2008133679	C09J 167/02	United States of America
(32) 21.05.2008	(11) EP2607444	United States of America
(33) Japan	(21) EP11818196.5	United States of America
(51) C09J 7/38	(47) 01.05.2019	(51) C09J 183/06
C09J 7/21	(87) JP2011068555	C09J 183/14
A61L 15/58	23.02.2012	C08L 83/06
A61L 15/42	(22) 16.08.2011	C08L 83/14
C09J 175/08	(54) RESIN FOR OXYGEN-ABSORBING ADHESIVE AND OXYGEN-ABSORBING ADHESIVE	(11) EP2954022
C09J 175/04	(73) Toyo Seikan Kaisha, Ltd.	(21) EP14706749.0
C08G 18/48	(72) OHTA Yoshihiro	(47) 01.05.2019
C08G 18/75	ISHIZAKI Yoichi	(87) US2014015562
C08G 18/10	ASANO Yui	14.08.2014
C08G 18/12	(31) 2010184026	(22) 10.02.2014
C08G 65/336	(32) 19.08.2010	(54) CLUSTERED FUNCTIONAL POLYORGANOSILOXANES, PROCESSES FOR FORMING SAME AND METHODS FOR THEIR USE
C09J 171/02	(33) Japan	(73) Dow Silicones Corporation
(11) EP2825214	(51) C09J 171/00	(72) JIANG, Jing
(21) EP12713301.5	C09J 181/02	STEINBRECHER, Kristen
(47) 01.05.2019	C08G 75/045	TANG, Yin
(87) IB2012000603	C08L 81/02	TONGE, James
19.09.2013	C08G 75/12	TONGE, Lauren
(22) 12.03.2012	(11) EP2451882	ZARISFI, Afroz
(54) BREATHABLE SELF-ADHESIVE ARTICLES	(21) EP10730316.6	(31) 201361763118 P
(73) BOSTIK SA	(47) 01.05.2019	(32) 11.02.2013
(72) GOUBARD, David	(87) US2010040307	(33) United States of America
(51) C09J 151/06	13.01.2011	(51) C09K 8/03
F16L 9/12	(22) 29.06.2010	C09K 8/04
F16L 13/02	(54) ONE-PART MOISTURE CURABLE SEALANT AND METHOD OF MAKING THE SAME	C09K 8/36
B32B 27/30	(73) PRC-DE Soto International, Inc.	E21B 21/06
(11) EP3409739	(72) LIN, Renhe	(11) EP2798035
(21) EP17173681.2	(31) 500145	(21) EP12867972.7
(47) 01.05.2019	(32) 09.07.2009	(47) 01.05.2019
(22) 31.05.2017	(33) United States of America	(87) CA2012050688
(54) IMPROVED ADHESIVE POLYMER COMPOSITION	(51) C09J 175/04	15.08.2013
(73) Borealis AG	C08G 18/79	(22) 01.10.2012
(72) Sundholm, Tua		
Hartikainen, Juha		
Purmonen, Jouni		

- (54) METHODS FOR MAKING A WELL FLUID COMPRISING NANOPARTICLES AS A LUBRICITY ADDITIVE
(73) Nfluids Inc.
(72) HUSEIN, Maen, Moh'd
ZAKARIA, Mohammad, Ferdous
HARELAND, Geir
(31) PCT/CA2012/050075
(32) 09.02.2012
(33) World Intellectual Property Office (WIPO)
-
- (51) C09K 8/035
C09K 8/502
(11) EP2912135
(21) EP13850026.9
(47) 01.05.2019
(87) US2013067165
08.05.2014
(22) 29.10.2013
(54) USE OF ACTIVATORS FOR THE VISCOSIFICATION OF NON-AQUEOUS FLUIDS
(73) Sasol Performance Chemicals GmbH
(72) FERNANDEZ, Jorge, M.
(31) 201261719753 P
(32) 29.10.2012
(33) United States of America
-
- (51) C09K 8/56
C09K 8/80
(11) EP3046987
(21) EP14786741.0
(47) 01.05.2019
(87) US2014056691
26.03.2015
(22) 19.09.2014
(54) USE OF ORGANOPHOSPHORUS CONTAINING COMPOSITES FOR USE IN WELL TREATMENT OPERATIONS
(73) Baker Hughes, a GE company, LLC
(72) MONROE, Terry D.
BEALL, Brian B.
BESTAOUI-SPURR, Naima
BHADURI, Sumit
LANT, Kimberly
LE, Hoang
QU, Qi
(31) 201361880773 P
201361880845 P
201461981051 P
201461989267 P
(32) 20.09.2013
21.09.2013
17.04.2014
06.05.2014
(33) United States of America
United States of America
United States of America
United States of America
-
- (51) C09K 8/58
C09K 8/588
C08L 29/04
C08L 33/00
C08L 39/06
(11) EP2432846
(21) EP09779731.0
(47) 01.05.2019
(87) EP2009057270
25.11.2010
(22) 12.06.2009
- (54) NOVEL FORMULATIONS OF WATER-SOLUBLE POLYMERS AND STABILIZING ADDITIVES FOR INJECTING A SINGLE COMPOUND USEABLE IN INJECTION FLUIDS FOR CHEMICAL ENHANCED OIL RECOVERY
(73) S.P.C.M. SA
(72) FAVERO, Cedrick
GAILLARD, Nicolas
GIOVANNETTI, Bruno
(31) 0953258
(32) 18.05.2009
(33) France
-
- (51) C09K 9/02
C09D 11/17
C09D 11/50
B43K 8/00
B43K 5/00
B43K 7/00
C09D 11/037
B41M 5/30
B41M 5/28
B41M 5/337
(11) EP3192845
(21) EP15833364.1
(47) 01.05.2019
(87) JP2015072143
25.02.2016
(22) 04.08.2015
(54) THERMOCHROMIC COLOR-MEMORY COMPOSITION AND THERMOCHROMIC COLOR-MEMORY MICROCAPSULE PIGMENT INCLUDING SAME
(73) THE PILOT INK CO., LTD.
(72) ONO Yoshiaki
(31) 2014165730
2015126119
(32) 18.08.2014
24.06.2015
(33) Japan
Japan
-
- (51) C09K 9/02
G02F 1/15
G02B 5/23
(11) EP1812822
(21) EP05851505.7
(47) 01.05.2019
(87) US2005040768
26.05.2006
(22) 10.11.2005
(54) ELECTROCHROMIC MEDIA AND DEVICES
(73) Gentex Corporation
(72) BAUMANN, Kelvin, L.
GUARR, Thomas, F.
GIRI, Punam
MUYSKENS, Mark, D.
FRANZ, Sue, F.
(31) 627875 P
(32) 15.11.2004
(33) United States of America
-
- (51) C09K 11/02
C09K 11/88
C09K 11/56
(11) EP3325571
(21) EP16733304.6
(47) 01.05.2019
- (87) EP2016001106
26.01.2017
(22) 29.06.2016
(54) LUMINESCENT PARTICLE, INK FORMULATION, POLYMER COMPOSITION, OPTICAL DEVICE, FABRICATION THEREOF, AND USE OF THE LUMINESCENT PARTICLE
(73) Merck Patent GmbH
(72) HIRAYAMA, Yuki
OKURA, Hiroshi
DERTINGER, Stephan
KOBAYASHI, Yoshio
(31) 15177183
(32) 17.07.2015
(33) European Patent Office (EPO)
-
- (51) C09K 11/06
C07F 15/00
H01L 51/50
(11) EP2803671
(21) EP13736249.7
(47) 01.05.2019
(87) JP2013050333
18.07.2013
(22) 10.01.2013
(54) IRIIDIUM COMPLEX COMPOUND, SOLUTION COMPOSITION CONTAINING IRIIDIUM COMPLEX COMPOUND, ORGANIC ELECTROLUMINESCENT ELEMENT, DISPLAY DEVICE, AND LIGHTING DEVICE
(73) Mitsubishi Chemical Corporation
(72) NAGAYAMA, Kazuhiro
KOMATSU, Hideji
MIGITA, Akira
GOROHMARU, Hideki
IIDA Koichiro
OYA, Takashi
ISHIBASHI Koichi
(31) 2012005118
2012202908
(32) 13.01.2012
14.09.2012
(33) Japan
Japan
-
- (51) C09K 11/06
C10L 1/00
G01N 33/28
(11) EP3201291
(21) EP15767537.2
(47) 01.05.2019
(87) EP2015072110
07.04.2016
(22) 25.09.2015
(54) METHOD FOR DETECTING A POLYMER MARKER DISSOLVED IN A LIQUID
(73) Sicpa Holding SA
(72) MILOS-SCHOUWINK, Mia
KAPALKA, Agnieszka
DORIER, Jean-Luc
SIRIGU, Lorenzo
GIOVANOLA, Lucia
SCHINA, Paolo
DISEGNA, Irma
BALDI, Silvia
TORI, Silvano
(31) 14187173

(32) 30.09.2014	(11) EP3201293	(72) Namarvar, Esmaeil Mahmoudi
(33) European Patent Office (EPO)	(21) EP15823491.4	Oud, Peter
(51) C09K 11/06	(47) 01.05.2019	(51) C10G 25/03
H01L 51/30	(87) DE2015000488	B01D 15/20
H05B 33/14	07.04.2016	C07C 7/13
(11) EP1797158	(22) 24.09.2015	C07C 13/64
(21) EP05791770.0	(54) METHOD AND DEVICE FOR CARRYING	C10G 29/04
(47) 01.05.2019	OUT A PYROLYSIS	B01D 15/14
(87) EP2005010113	(73) Projahn, Frank	B01D 15/18
20.04.2006	(72) GROTHE, Jamina	B01D 15/26
(22) 20.09.2005	CAI, Xiaomei	B01D 15/42
(54) PHENANTHRENE DERIVATIVES	PROJAHN, Frank	(11) EP2931843
(73) Merck Patent GmbH	(31) 102014014816	(21) EP13802965.7
(72) STÖSSEL, Philipp	(32) 01.10.2014	(47) 01.05.2019
BÜSING, Arne	(33) Germany	(87) EP2013076103
VESTWEBER, Horst	(51) C10G 3/00	19.06.2014
HEIL, Holger	C10G 65/12	(22) 10.12.2013
(31) 04024204	C10G 47/16	(54) METHOD FOR SEPARATING ISO-
(32) 11.10.2004	C10G 45/02	ALKANES AND CYCLOALKANES
(33) European Patent Office (EPO)	C10G 45/08	FROM AN OIL
(51) C09K 11/64	C10G 45/10	(73) Total SA
C09K 11/08	C10G 45/06	(72) SERRES-PIOLE, Coralie
C09K 11/65	C10G 45/00	BERRUT, Jean-Bernard
C09K 11/66	C10G 45/32	(31) 1261888
C09K 11/67	C07C 1/22	(32) 11.12.2012
C09K 11/68	(11) EP2931847	(33) France
C09K 11/80	(21) EP13861979.6	(51) C10G 47/00
H01J 1/63	(47) 01.05.2019	C10G 47/26
H01J 29/20	(87) US2013073132	C10G 45/22
(11) EP1835008	19.06.2014	C10G 45/16
(21) EP07102547.2	(22) 04.12.2013	C10G 45/04
(47) 01.05.2019	(54) CONVERSION OF	B01J 8/22
(22) 10.08.2005	TRIACYLGLYCERIDE-CONTAINING	(11) EP3147342
(54) Lighting instrument	OILS TO HYDROCARBONS	(21) EP16194523.3
(73) National Institute for Materials Science	(73) Chevron Lummus Global, LLC	(47) 01.05.2019
(72) HIROSAKI, Naoto	Applied Research Associates, Inc.	(22) 24.07.2012
(31) 2004234690	(72) MUKHERJEE, Ujjal, K.	(54) EBULLATED-BED PROCESS FOR
(32) 11.08.2004	ARORA, Arun	FEEDSTOCK CONTAINING DISSOLVED
(33) Japan	GREENE, Marvin, I.	HYDROGEN
(51) C09K 19/42	COPPOLA, Edward	(73) Saudi Arabian Oil Company
C09K 19/12	RED, Charles, Jr.	(72) KOSEOGLU, Omer Refa
C09K 19/30	BAXLEY, J., Steven	(31) 201161513055 P
C09K 19/34	NANA, Sanjay	(32) 29.07.2011
C09K 19/54	RINE, Jeffrey	(33) United States of America
G02F 1/13	(31) 201213711111	(51) C10G 49/06
G02F 1/1337	(32) 11.12.2012	(11) EP1951845
C09K 19/02	(33) United States of America	(21) EP06812315.7
C09K 19/04	(51) C10G 9/00	(47) 01.05.2019
(11) EP3115437	B01J 19/00	(87) KR2006004476
(21) EP15758956.5	B01J 19/24	18.05.2007
(47) 01.05.2019	F16L 59/02	(22) 31.10.2006
(87) JP2015051440	F16L 19/04	(54) PROCESS OF PREPARING
11.09.2015	F28F 9/02	AROMATIC HYDROCARBONS AND
(22) 21.01.2015	F28D 7/10	LIQUEFIED PETROLEUM GAS FROM
(54) LIQUID CRYSTAL DISPLAY DEVICE	F16L 21/00	HYDROCARBON MIXTURE
AND LIQUID CRYSTAL COMPOSITION	F28F 9/18	(73) SK Innovation Co., Ltd.
(73) JNC Corporation	F28F 21/08	(72) LEE, Jong Hyung
JNC Petrochemical Corporation	F28F 1/00	OH, Seung Hoon
(72) MATSUMURA, Yoshinari	F16L 59/14	SUNG, Kyoung Hak
SAITO, Masayuki	F16L 53/70	CHOI, Sun
FURUSATO, Yoshimasa	F28D 21/00	KIM, Yong Seung
(31) 2014044824	(11) EP3266851	LIM, Byeung Soo
(32) 07.03.2014	(21) EP16178736.1	(31) 20050108595
(33) Japan	(47) 01.05.2019	(32) 14.11.2005
(51) C10B 41/08	(22) 08.07.2016	(33) Korea (Republic)
C10B 47/04	(54) HEAT EXCHANGER FOR QUENCHING	(51) C10J 3/00
C10B 53/07	REACTION GAS	C10K 3/00
C10B 47/06	(73) Technip France	C01B 3/36

(11) EP2710095	(72) KRULL, Matthias	(21) EP12810306.6
(21) EP12727183.1	JANSSEN, Robert	(47) 01.05.2019
(47) 01.05.2019	(31) 102007028307	(87) EP2012076834
(87) US2012037562	(32) 20.06.2007	27.06.2013
22.11.2012	(33) Germany	(22) 21.12.2012
(22) 11.05.2012	(51) C10L 3/08	(54) METHOD OF TREATING A VEGETABLE
(54) PARTIAL OXIDATION OF METHANE	C07C 1/04	OIL
AND HIGHER HYDROCARBONS IN	(11) EP2598618	(73) Bunge Loders Croklaan B.V.
SYNGAS STREAMS	(21) EP11743964.6	(72) BHAGGAN, Krishnadath
(73) Praxair Technology, Inc.	(47) 01.05.2019	WERLEMAN, Jeanine Luvelle
(72) BOOL, Lawrence	(87) EP2011002939	FRANX, Johan
CHAKRAVARTI, Shrikar	02.02.2012	(31) 11195694
LAUX, Stefan, Ef	(22) 15.06.2011	(32) 23.12.2011
DRNEVICH, Raymond, F.	(54) METHOD FOR PRODUCING	(33) European Patent Office (EPO)
BONAQUIST, Dante, P.	SUBSTITUTE NATURAL GAS	(51) C11D 1/02
THOMPSON, David, R.	(73) Air Liquide Global E&C Solutions Germany	C11D 1/37
(31) 201161486486 P	GmbH	C11D 3/395
201213468189	(72) WALTER, Stefan	C11D 3/43
(32) 16.05.2011	(31) 102010032709	C11D 11/00
10.05.2012	(32) 29.07.2010	(11) EP3365416
(33) United States of America	(33) Germany	(21) EP16778313.3
United States of America	(51) C10L 5/44	(47) 01.05.2019
(51) C10L 1/02	C10B 53/02	(87) EP2016073538
C12N 9/16	(11) EP2318487	27.04.2017
(11) EP2382285	(21) EP09772817.4	(22) 03.10.2016
(21) EP09803969.6	(47) 01.05.2019	(54) A COMPOSITION AND METHOD FOR
(47) 01.05.2019	(87) GB2009001672	TREATING SUBSTRATES
(87) US2009069356	07.01.2010	(73) Unilever NV
01.07.2010	(22) 03.07.2009	(72) BAG, Papiya
(22) 23.12.2009	(54) MICROWAVE TORREFACTION OF	PAUL, Pintu
(54) METHODS AND COMPOSITIONS	BIOMASS	SARKAR, Arpita
RELATED TO THIOESTERASE	(73) University of York	(31) 15190551
ENZYMES	(72) BUDARIN, Vitaliy, Lvovich	(32) 20.10.2015
(73) REG Life Sciences, LLC	MILKOWSKI, Krzysztof, Jakub	(33) European Patent Office (EPO)
(72) HOM Louis	SHUTTLEWORTH, Peter	(51) C11D 1/88
TRINH Na	LANIGAN, Brigid	C11D 3/39
ALIBHAI Murtaza	CLARK, James, Hanley	C11D 3/04
(31) 140600 P	MACQUARRIE, Duncan, James	C11D 3/24
(32) 23.12.2008	WILSON, Ashley	A01N 59/08
(33) United States of America	(31) 0812288	A01N 41/08
(51) C10L 1/14	0901150	C11D 1/94
(11) EP3147343	(32) 04.07.2008	C11D 3/28
(21) EP15193060.9	26.01.2009	C11D 3/30
(47) 01.05.2019	(33) United Kingdom	C11D 3/32
(22) 04.11.2015	United Kingdom	C11D 3/48
(54) DIESEL FUEL COMPOSITIONS	(51) C11B 3/00	(11) EP2751239
(73) Yashentech Corporation	C11C 3/02	(21) EP12756862.4
(72) WANG, Youqi	(11) EP3347338	(47) 01.05.2019
LI, Ziyun	(21) EP16791081.9	(87) US2012051969
ZHANG, Guoming	(47) 01.05.2019	07.03.2013
LI, Zhijian	(87) IB2016055422	(22) 23.08.2012
CAO, Gary Wuqi	16.03.2017	(54) MULTI-PART KIT SYSTEM FOR THE
(31) 201510611428	(22) 12.09.2016	PREPARATION OF A DISINFECTANT
(32) 23.09.2015	(54) GLYCEROL ESTER PRODUCTION FROM	(73) Lanxess Corporation
(33) China	WASTES CONTAINING ORGANIC OILS	(72) SQUIRE, Mark, Wallace
(51) C10L 1/14	AND/OR FATS	CHALONER, Catherine Mary
C10L 1/16	(73) Resiway-Soluções Sustentáveis, Lda.	HICKS, Sharon Elizabeth
C10L 10/14	(72) DOMINGUEZ DE MATOS, Ana Luísa	BOARD, Kelly Ann
(11) EP2162515	MORAIS SEQUEIRA, Albina Raquel	PABON, Martial Jean-Jacques
(21) EP08773479.4	(31) 2015108810	(31) 201161528465 P
(47) 01.05.2019	(32) 11.09.2015	(32) 29.08.2011
(87) EP2008004853	(33) Portugal	(33) United States of America
24.12.2008	(51) C11B 3/10	(51) C11D 7/24
(22) 17.06.2008	C11B 3/14	C11D 7/26
(54) DETERGENT ADDITIVE-CONTAINING	C11C 1/08	C11D 7/50
MINERAL OILS HAVING IMPROVED	C11C 1/10	B08B 3/02
COLD FLOW PROPERTIES	A23L 5/20	C11D 3/18
(73) Clariant International Ltd	(11) EP2793612	C11D 3/20

C11D 3/43	(72) Migliardi, Daniela	A01N 63/02
C11D 1/72	Tosto, Massimo	C12R 1/39
(11) EP2640821	Vecchiet, Massimo	(11) EP2836612
(21) EP11841696.5	(31) TS20130003	(21) EP12706932.6
(47) 01.05.2019	(32) 16.08.2013	(47) 01.05.2019
(87) US2011060701	(33) Italy	(87) IB2012050694
24.05.2012	(51) C12M 1/107	22.08.2013
(22) 15.11.2011	C12M 1/00	(22) 15.02.2012
(54) METHOD FOR CLEANING DEPOSITS	C12M 3/00	(54) NOVEL PSEUDOMONAS FLUORESCENS
FROM AN ENGINE FUEL DELIVERY	C12M 1/06	STRAIN AND USES THEREOF IN
SYSTEM	(11) EP2857493	THE BIOLOGICAL CONTROL OF
(73) Chevron Oronite Company LLC	(21) EP14186392.8	BACTERIAL OR FUNGAL DISEASES
(72) SIMPSON-GREEN, Felicia	(47) 01.05.2019	(73) Alma Mater Studiorum -Universita' di
VAUDRIN, Damon	(22) 25.09.2014	Bologna
(31) 458199 P	(54) Agitator for a container, container and	(72) BAZZI, Carlo
(32) 19.11.2010	method for integrating an agitator into a	BIONDI, Enrico
(33) United States of America	container	(51) C12N 1/20
(51) C11D 11/00	(73) Peters, Jean-Marc	C12N 13/00
C11D 3/10	(72) Peters, Jean-Marc	C12P 7/06
C11D 1/72	(31) 102013219938	C12P 7/10
B08B 3/08	(32) 01.10.2013	(11) EP2542664
A47L 15/00	(33) Germany	(21) EP11705906.3
(11) EP2788128	(51) C12M 3/00	(47) 01.05.2019
(21) EP12855345.0	C12M 1/24	(87) EP2011053089
(47) 01.05.2019	C12M 1/22	09.09.2011
(87) US2012067784	C12M 3/06	(22) 02.03.2011
13.06.2013	C12M 1/00	(54) BACTERIA AND THE USES THEREOF
(22) 04.12.2012	(11) EP2692855	(73) Centre National de la Recherche Scientifique
(54) LOW FOAMING SOLID SINK	(21) EP13176891.3	Université de Montpellier
DETERGENT	(47) 01.05.2019	Deinove
(73) Ecolab USA Inc.	(22) 17.07.2013	(72) CLAVERIE, Jean-Michel
(72) VINSON, Thomas, John	(54) Surface structuring for cytological and/or	BITON, Jacques
MOLINARO, Katherine	medical applications	LEONETTI, Jean-Paul
FINISON, Jeremy	(73) Robert Bosch GmbH	(31) 309931 P
(31) 201161566804 P	(72) Dudziak, Sonja	10305212
201261708929 P	Hoerlein, Rainer Heinrich	(32) 03.03.2010
(32) 05.12.2011	(31) 102012213787	02.03.2010
02.10.2012	(32) 03.08.2012	(33) United States of America
(33) United States of America	(33) Germany	European Patent Office (EPO)
United States of America	(51) C12N 1/18	(51) C12N 3/00
(51) C12M 1/00	C12N 9/12	C12R 1/145
C12M 3/00	C12N 9/90	C12R 1/01
C12M 1/12	C12N 9/92	C12P 7/06
B01D 19/00	C12N 15/52	C12P 7/08
(11) EP2556141	C12P 7/06	C12N 1/20
(21) EP11708964.9	C12P 7/10	B01D 53/62
(47) 01.05.2019	C07K 14/395	(11) EP2861746
(87) US2011027765	C12N 15/81	(21) EP13727701.8
13.10.2011	C12P 7/12	(47) 01.05.2019
(22) 09.03.2011	C12N 15/90	(87) US2013041029
(54) AIR REMOVAL CHAMBER FOR A CELL	(11) EP3209678	28.11.2013
EXPANSION SYSTEM AND METHOD OF	(21) EP15784672.6	(22) 14.05.2013
USE ASSOCIATED THEREWITH	(47) 01.05.2019	(54) A PROCESS FOR CULTURING
(73) Terumo BCT, Inc.	(87) EP2015074522	MICROORGANISMS ON A SELECTED
(72) DILORENZO, Thomas, G.	28.04.2016	SUBSTRATE
STANTON, Edward, Allan	(22) 22.10.2015	(73) Jupeng Bio (HK) Limited
(31) 322734 P	(54) VARIANTS OF GAL2 TRANSPORTER	(72) SENARATNE, Ryan
(32) 09.04.2010	AND THEIR USES	(31) 201261650098 P
(33) United States of America	(73) Butalco GmbH	201261650093 P
(51) C12M 1/107	(72) BOLES, Eckhard	201261650077 P
A01C 3/02	DIETZ, Heiko	201261650084 P
(11) EP2837679	FARWICK, Alexander	201313892482
(21) EP14002847.3	SCHADEWEG, Virginia	(32) 22.05.2012
(47) 01.05.2019	OREB, Mislav	22.05.2012
(22) 14.08.2014	(31) 14189927	22.05.2012
(54) Process and plant for removing nitrogen from	(32) 22.10.2014	22.05.2012
poultry manure	(33) European Patent Office (EPO)	13.05.2013
(73) IGP s.r.l.	(51) C12N 1/20	(33) United States of America

United States of America	A61P 19/00	(73) Indiana University Research & Technology Corporation
United States of America	(11) EP2912166	(72) PELUS, Louis, M.
United States of America	(21) EP13851668.7	HOGGATT, Jonathan
United States of America	(47) 01.05.2019	(31) 261352 P
(51) C12N 5/00	(87) US2013067350	261349 P
C12N 5/04	08.05.2014	(32) 15.11.2009
C12N 15/87	(22) 29.10.2013	15.11.2009
C12N 15/82	(54) METHODS OF PRODUCING	(33) United States of America
C07H 21/04	PLURIPOTENT STEM CELLS FROM	United States of America
A01H 1/00	CHONDROCYTES	(51) C12N 7/00
(11) EP3066192	(73) Scripps Health	(11) EP2366024
(21) EP14858498.0	(72) D'LIMA, Darryl, D.	(21) EP09831233.3
(47) 01.05.2019	OLEE, Tsaiwei	(47) 01.05.2019
(87) US2014063732	COLWELL, Clifford, W.	(87) US2009066848
07.05.2015	(31) 201261719901 P	10.06.2010
(22) 03.11.2014	(32) 29.10.2012	(22) 04.12.2009
(54) A UNIVERSAL DONOR SYSTEM FOR	(33) United States of America	(54) COMPOSITIONS, METHODS AND USES
GENE TARGETING	(51) C12N 5/077	FOR INDUCING VIRAL GROWTH
(73) Dow AgroSciences LLC	C12N 1/00	(73) Takeda Vaccines, Inc.
(72) SASSTRY-DENT, Lakshmi	(11) EP3219792	(72) STINCHCOMB, Dan, T.
EVANS, Steven L.	(21) EP15859245.1	LIVENGOOD, Jill, A.
BLUE, Ryan C.	(47) 01.05.2019	WIGGAN, O'Neil
CAO, Zehui	(87) JP2015080139	KINNEY, Richard
(31) 201361899543 P	19.05.2016	OSORIO, Jorge
(32) 04.11.2013	(22) 26.10.2015	(31) 120262 P
(33) United States of America	(54) METHOD FOR SERUM-FREE CULTURE	(32) 05.12.2008
(51) C12N 5/07	OF CARTILAGE CELLS AND SERUM-	(33) United States of America
C07K 14/745	FREE CULTURE MEDIUM	(51) C12N 7/00
C12N 5/071	(73) Regenesis Science Co. Ltd.	(11) EP3172317
C07K 14/33	(72) YANAGA, Hiroko	(21) EP15741534.0
C12N 5/074	YANAGA, Katsu	(47) 01.05.2019
(11) EP2940125	(31) 2014231489	(87) EP2015066638
(21) EP13868965.8	(32) 14.11.2014	28.01.2016
(47) 01.05.2019	(33) Japan	(22) 21.07.2015
(87) JP2013084932	(51) C12N 5/077	(54) PROCESS FOR THE PURIFICATION OF
03.07.2014	C12N 5/0775	POLIOVIRUS FROM CELL CULTURES
(22) 26.12.2013	C12N 13/00	(73) Janssen Vaccines & Prevention B.V.
(54) METHOD FOR CULTURING	C12N 5/00	(72) SEGERS, Mariken
PLURIPOTENT STEM CELLS	(11) EP2691512	KUNGAH NFOR, Beckley
(73) OSAKA UNIVERSITY	(21) EP12763669.4	ALAZI, Feras Nachmi
(72) KINOOKA Masahiro	(47) 01.05.2019	DE VOCHT, Marcel Leo
KIM Meehae	(87) US2012030799	(31) 14178392
FUJINAGA Yukako	04.10.2012	14178399
SUGAWARA Yo	(22) 28.03.2012	(32) 24.07.2014
(31) 2012288783	(54) ENRICHED POPULATIONS OF	24.07.2014
(32) 28.12.2012	CARDIOMYOCYTE LINEAGE CELLS	(33) European Patent Office (EPO)
(33) Japan	FROM PLURIPOTENT STEM CELLS	European Patent Office (EPO)
(51) C12N 5/071	(73) Asterias Biotherapeutics, Inc.	(51) C12N 9/12
A61L 27/38	(72) O'SULLIVAN, Christopher	C12P 7/06
C07K 14/78	NISHIMOTO, Kevin	(11) EP3080253
A61L 27/22	REDDY, Anita	(21) EP14830956.0
(11) EP3358003	(31) 201161468952 P	(47) 01.05.2019
(21) EP16851718.3	(32) 29.03.2011	(87) EP2014077528
(47) 01.05.2019	(33) United States of America	18.06.2015
(87) JP2016078779	(51) C12N 5/16	(22) 12.12.2014
06.04.2017	C12N 5/0789	(54) MUTANT NNK1 ALLELE AND ITS USE
(22) 29.09.2016	(11) EP2499242	(73) VIB VZW
(54) METHOD FOR PRODUCING SHEET-	(21) EP10830872.7	Katholieke Universiteit Leuven K.U. Leuven
LIKE CELL STRUCTURE AND SHEET-	(47) 01.05.2019	R&D
LIKE CELL STRUCTURE	(87) US2010056744	(72) THEVELEIN, Johan
(73) FUJIFILM Corporation	19.05.2011	DEMEKE, Mekonnen
(72) NAKAMURA, Kentaro	(22) 15.11.2010	FOULQUIÉ MORENO, Maria Remedios
(31) 2015192785	(54) METHODS TO ENHANCE DELIVERY	(31) 13197206
(32) 30.09.2015	AND ENGRAFTMENT OF STEM CELLS	(32) 13.12.2013
(33) Japan	INCLUDING THE IDENTIFICATION	(33) European Patent Office (EPO)
(51) C12N 5/074	OF SPECIFIC PROSTAGANDIN E2	(51) C12N 9/14
C12N 5/077	RECEPTORS	C12P 7/46
C12N 5/02		

(11) EP2840135	(87) FI2013050986	05.03.2015
(21) EP14158884.8	01.05.2014	(22) 28.08.2014
(47) 01.05.2019	(22) 15.10.2013	(54) METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS
(22) 11.03.2014	(54) NOVEL ESTERASES IN THE TREATMENT OF CELLULOSIC AND LIGNOCELLULOSIC MATERIAL	(73) National Institute of Advanced Industrial Science and Technology Gifu University
(54) Cis-epoxysuccinate hydrolase-encoding gene, polypeptide encoded by the gene, and related application thereof	(73) ROAL Oy	(72) TEZUKA Kenichi TAMAOKI Naritaka IIDA Kazuki KAWAGUCHI Tomoko AOKI Hitomi KUNISADA Takahiro SHIBATA Toshiyuki GOSHIMA Naoki
(73) Hangzhou Bioking Biochemical Engineering Co., Ltd.	(72) JÄRVINEN, Kristiina JUNTUNEN, Kari LEINONEN, Taija KOMANDER, Alexandra LANGFELDER, Kim VEHMAANPERÄ, Jari PURANEN, Terhi	(31) 2013176647 (32) 28.08.2013 (33) Japan
(72) Zhang, Jianguo Xie, Zhipeng Cheng, Yongqing Pan, Haifeng Bao, Wenna	(31) 20126115 (32) 26.10.2012 (33) Finland	
(31) 201310369774	(31) 20126115	
(32) 22.08.2013	(32) 26.10.2012	
(33) China	(33) Finland	
(51) C12N 9/18 A61L 2/23 C11D 3/00 C12P 7/40	(51) C12N 9/96 C12N 9/06 C12Q 1/32	(51) C12N 15/10 C12N 15/11 C12N 15/113
(11) EP2342326	(11) EP2245152	(11) EP3371310
(21) EP09793244.6	(21) EP09712033.1	(21) EP16822804.7
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) US2009059231	(87) EP2009001206	(87) US2016064860
08.04.2010	27.08.2009	08.06.2017
(22) 01.10.2009	(22) 19.02.2009	(22) 02.12.2016
(54) STABILIZATION OF PERHYDROLASES WITH EXCIPIENTS	(54) STABILISATION OF DEHYDROGENASES WITH STABLE COENZYMES	(54) ENGINEERED NUCLEIC-ACID TARGETING NUCLEIC ACIDS
(73) E. I. du Pont de Nemours and Company	(73) F. Hoffmann-La Roche AG	(73) Caribou Biosciences, Inc.
(72) DICOSIMO, Robert BEN-BASSAT, Arie PAYNE, Mark, S. ZOLANDZ, Raymond, Richard	(72) HEINDL, Dieter HORN, Carina GAESSLER-DIETSCH, Claudia HOENES, Joachim	(72) DONOHOU, Paul, Daniel MAY, Andrew, Paul
(31) 102505 P 102512 P 102514 P 102520 P 102531 P 102539 P	(31) 08003054 (32) 19.02.2008 (33) European Patent Office (EPO)	(31) 201562263232 P (32) 04.12.2015 (33) United States of America
(32) 03.10.2008 03.10.2008 03.10.2008 03.10.2008 03.10.2008	(31) 102505 P (32) 19.02.2008 (33) European Patent Office (EPO)	(51) C12N 15/11 C12N 15/113 A61K 31/712 A61K 45/06 A61K 9/107 A61K 47/54
(33) United States of America United States of America United States of America United States of America United States of America	(51) C12N 15/09 A01H 5/00 A01H 5/10 A23L 19/00 C12N 15/82	(11) EP3004350 (21) EP14728944.1 (47) 01.05.2019 (87) EP2014061755 11.12.2014 (22) 05.06.2014
(51) C12N 9/18 C12N 15/52 C12N 15/62 C12N 1/20 C11D 3/386 D06M 16/00 C12R 1/19 D06M 101/06 A23K 10/30 A23K 20/189 A23K 10/14 A23K 50/75 A23K 50/30	(11) EP3081641 (21) EP14859851.9 (47) 01.05.2019 (87) JP2014079552 14.05.2015 (22) 07.11.2014 (54) MUTANT PLANT (73) Riken University of Tsukuba (72) EZURA, Hiroshi ARIIZUMI, Tohru SHINOZAKI, Yoshihito KIMBARA, Junji KUSANO, Miyako FUKUSHIMA, Atsushi SAITO, Kazuki	(54) HYDROPHOBICALLY MODIFIED ANTISENSE OLIGONUCLEOTIDES COMPRISING A KETAL GROUP (73) Institut National de la Santé et de la Recherche Médicale (INSERM) Université de Bordeaux Centre National de la Recherche Scientifique (CNRS) Université d'Aix-Marseille Institut Jean Paoli & Irène Calmettes (72) BARTHELEMY, Philippe OUMZIL, Khalid ROCCHI, Palma ACUNZO, Julie
(11) EP2912171	(31) 2013231495	(31) PCT/IB2013/001517
(21) EP13849914.0	(32) 07.11.2013	(32) 05.06.2013
(47) 01.05.2019	(33) Japan	(33) World Intellectual Property Office (WIPO)
	(51) C12N 15/09 C12N 5/10 C12N 5/074	(51) C12N 15/113 (11) EP2970977 (21) EP14774677.0 (47) 01.05.2019
	(11) EP3040416 (21) EP14839864.7 (47) 01.05.2019 (87) JP2014072564	

- (87) US2014022008
02.10.2014
- (22) 07.03.2014
- (54) ROOT-PREFERRED PROMOTER AND METHODS OF USE
- (73) Pioneer Hi-Bred International, Inc.
- (72) CROW, Andrew C.
DIEHN, Scott
PETERSON-BURCH, Brooke
- (31) 201313794917
- (32) 12.03.2013
- (33) United States of America
-
- (51) C12N 15/113
A61K 31/7088
- (11) EP3037538
- (21) EP16155285.6
- (47) 01.05.2019
- (22) 01.07.2011
- (54) METHODS AND COMPOSITIONS FOR THE SPECIFIC INHIBITION OF BETA-CATENIN BY DOUBLE-STRANDED RNA
- (73) Dicerna Pharmaceuticals, Inc.
- (72) Brown, Bob Dale
Dudek, Henryk T.
- (31) 361776 P
- (32) 06.07.2010
- (33) United States of America
-
- (51) C12N 15/113
A61K 31/712
A61P 29/00
A61K 31/713
- (11) EP3109321
- (21) EP16156744.1
- (47) 01.05.2019
- (22) 25.09.2009
- (54) LIPID FORMULATED COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF SERUM AMYLOID A GENE
- (73) Alnylam Pharmaceuticals, Inc.
- (72) HINKLE, Gregory
DE FOUGEROLLES, Antonin
NOVOBRANTSEVA, Tatiana
- (31) 100195 P
- (32) 25.09.2008
- (33) United States of America
-
- (51) C12N 15/113
A61K 38/17
C07K 14/47
- (11) EP2994533
- (21) EP14722204.6
- (47) 01.05.2019
- (87) EP2014059315
13.11.2014
- (22) 07.05.2014
- (54) METHODS AND COMPOSITIONS FOR THE TREATMENT OF CANCER
- (73) Fundació Privada Institut d'Investigació Oncològica de Vall Hebron
- (72) SOUCEK, Laura
BEAULIEU, Marie-Eve
- (31) 13382167
- (32) 07.05.2013
- (33) European Patent Office (EPO)
-
- (51) C12N 15/113
C07H 21/02
A61K 31/713
- (11) EP2247729
- (21) EP09709626.7
- (47) 01.05.2019
- (87) US2009000852
20.08.2009
- (22) 11.02.2009
- (54) MODIFIED RNAI POLYNUCLEOTIDES AND USES THEREOF
- (73) Phio Pharmaceuticals Corp.
- (72) PAVCO, Pamela, A.
KAMENS, Joanne
WOOLF, Tod, M.
SALOMON, William
KHVOROVA, Anastasia
- (31) 65335 P
- (32) 11.02.2008
- (33) United States of America
-
- (51) C12N 15/63
C12N 15/11
A61K 48/00
- (11) EP3208339
- (21) EP16194659.5
- (47) 01.05.2019
- (22) 14.09.2009
- (54) MODULATION OF BCL11A FOR TREATMENT OF HEMOGLOBINOPATHIES
- (73) President and Fellows of Harvard College
The Children's Medical Center Corporation
- (72) ORKIN, Stuart H.
SANKARAN, Vijay G.
- (31) 97017 P
222571 P
- (32) 15.09.2008
02.07.2009
- (33) United States of America
United States of America
-
- (51) C12N 15/82
(11) EP2885412
(21) EP13752757.8
(47) 01.05.2019
(87) US2013054102
20.02.2014
(22) 08.08.2013
- (54) USE OF A MAIZE UNTRANSLATED REGION FOR TRANSGENE EXPRESSION IN PLANTS
- (73) Dow AgroSciences LLC
Kumar, Sandeep
Gupta, Manju
Alabed, Diaa
- (72) KUMAR, Sandeep
GUPTA, Manju
ALABED, Diaa
- (31) 201261684255 P
- (32) 17.08.2012
- (33) United States of America
-
- (51) C12N 15/82
A01H 5/10
C12N 5/04
C12N 9/00
- (11) EP2748323
- (21) EP12745881.8
- (47) 01.05.2019
- (87) EP2012065867
28.02.2013
- (22) 14.08.2012
- (54) METHODS AND MEANS TO MODIFY A PLANT GENOME
- (73) BASF Agricultural Solutions Seed US LLC
- (72) D'HALLUIN, Kathleen
DITGEN, Jan
JANSENS, Stefan
MEULEWAETER, Frank
WETERINGS, Koen
MOSER, Hal
WILDE, Thomas
HAIN, Ruediger
BICKERS, Udo
TROLINDER, Linda
HENNIGER, Gary
- (31) 201161525892 P
11075198
11193103
201161569518 P
- (32) 22.08.2011
25.08.2011
12.12.2011
12.12.2011
- (33) United States of America
European Patent Office (EPO)
European Patent Office (EPO)
United States of America
-
- (51) C12N 15/82
C07K 14/325
A01H 5/00
- (11) EP3207144
- (21) EP15791074.6
- (47) 01.05.2019
- (87) US2015055779
21.04.2016
- (22) 15.10.2015
- (54) LEPIDOPTERAN-ACTIVE CRY1DA1 AMINO ACID SEQUENCE VARIANT PROTEINS
- (73) Monsanto Technology LLC
- (72) BAUM, James A.
CERRUTI, Thomas
FLASINSKI, Stanislaw
FU, Xiaoran
HOWE, Arlene R.
SALVADOR, Sara Ann
- (31) 201462064994 P
201462065017 P
- (32) 16.10.2014
17.10.2014
- (33) United States of America
United States of America
-
- (51) C12N 15/82
C07K 14/435
- (11) EP2986728
- (21) EP14722279.8
- (47) 01.05.2019
- (87) FR2014050916
23.10.2014
- (22) 15.04.2014
- (54) COMMERCIAL PRODUCTION OF PEPTIDASES C1A BY TRANSIENT EXPRESSION IN PLANTS
- (73) Angany Inc.
- (72) GOMORD, Véronique
FITCHETTE, Anne-Catherine
CATALA, Virginie
FAYE, Loïc
- (31) 1353386
- (32) 15.04.2013
- (33) France
-

- (51) C12N 15/86
C07K 14/435
C07K 7/06
- (11) EP3044318
(21) EP14843244.6
(47) 01.05.2019
(87) US2014055490
19.03.2015
(22) 12.09.2014
(54) SELECTIVE RECOVERY
(73) California Institute of Technology
(72) DEVERMAN, Benjamin E.
PATTERSON, Paul H.
GRADINARU, Viviana
- (31) 201361877506 P
201461983624 P
201462020658 P
201462034060 P
- (32) 13.09.2013
24.04.2014
03.07.2014
06.08.2014
- (33) United States of America
United States of America
United States of America
United States of America
-
- (51) C12N 15/861
C12N 15/66
A61K 48/00
C12R 1/93
A61P 35/00
- (11) EP2716764
(21) EP12792810.9
(47) 01.05.2019
(87) CN2012071757
06.12.2012
(22) 29.02.2012
(54) CONSTRUCTION AND APPLICATION
OF MUTANT TYPE B HUMAN
ADENOVIRUS AD11 HAVING
ENHANCED ONCOLYTIC POWER
(73) Beijing Bio-Targeting Therapeutics
Technology Inc.
(72) WANG, Yaohe
JIANG, Hanshi
WONG, Hanshi
CAO, Fengyu
LEMOINE, Nick
- (31) 201110143385
(32) 31.05.2011
(33) China
-
- (51) C12N 15/87
C12N 15/81
- (11) EP2890787
(21) EP13833688.8
(47) 01.05.2019
(87) US2013057533
06.03.2014
(22) 30.08.2013
(54) CROWDING AGENT-INDUCED
NUCLEIC ACID TRANSFER INTO A
RECIPIENT HOST CELL
(73) Synthetic Genomics, Inc.
(72) KARAS, Bogumil, J.
HUTCHISON, Clyde, A.
SMITH, Hamilton, O.
SUZUKI, Yo
- (31) 201261695864 P
- (32) 31.08.2012
- (33) United States of America
-
- (51) C12P 7/06
C12N 1/18
C12N 15/81
- (11) EP3224364
(21) EP15800805.2
(47) 01.05.2019
(87) EP2015077541
02.06.2016
(22) 24.11.2015
(54) CAUSATIVE GENES CONFERRING
ACETIC ACID TOLERANCE IN YEAST
(73) Katholieke Universiteit Leuven K.U. Leuven
R&D
VIB vzw
- (72) THEVELEIN, Johan
MEIJNEN, Jean-Paul
FOULQUIÉ MORENO, Maria Remedios
- (31) 14194443
(32) 24.11.2014
(33) European Patent Office (EPO)
-
- (51) C12P 7/06
C12P 7/08
C12P 7/16
C12P 7/54
- (11) EP3058080
(21) EP14853873.9
(47) 01.05.2019
(87) US2014060980
23.04.2015
(22) 16.10.2014
(54) PROCESS FOR CARBON CAPTURE IN
GAS FERMENTATION
(73) Lanzatech New Zealand Limited
(72) TIZARD, Joseph Henry
SECHRIST, Paul Alvin
- (31) 201361892405 P
(32) 17.10.2013
(33) United States of America
-
- (51) C12P 7/64
C12P 19/02
C13K 1/02
- (11) EP2295595
(21) EP10176025.4
(47) 01.05.2019
(22) 19.01.2001
(54) Solventless extraction process
(73) DSM IP Assets B.V.
(72) Ruecker, Craig M.
Adu-Peasah, Swithin Patrick
Engelhardt, Brian S.
Veeder, George T. III
- (31) 177125 P
(32) 19.01.2000
(33) United States of America
-
- (51) C12P 13/04
C12M 1/34
C12M 1/00
C12P 7/06
C12P 7/18
C12P 7/46
C12P 7/50
C12P 7/56
C12P 13/08
C12P 19/30
C12P 13/00
- (11) EP1988170
(21) EP07714383.2
(47) 01.05.2019
- (87) JP2007052853
30.08.2007
(22) 16.02.2007
(54) METHOD OF PRODUCING CHEMICAL
PRODUCT AND CONTINUOUS
FERMENTATION APPARATUS
(73) TORAY INDUSTRIES, INC.
(72) SAWAI, Hideki
YAMADA, Katsushige
MIMITSUKA, Takashi
SAWAI, Kenji
YONEHARA, Tetsu
ITO, Yohito
HENMI, Masahiro
- (31) 2006048181
2006203072
(32) 24.02.2006
26.07.2006
(33) Japan
Japan
-
- (51) C12P 19/14
- (11) EP2734633
(21) EP12746168.9
(47) 01.05.2019
(87) US2012047326
31.01.2013
(22) 19.07.2012
(54) PROCESSES FOR PRETREATING
CELLULOSIC MATERIAL AND
IMPROVING HYDROLYSIS THEREOF
(73) Novozymes North America, Inc.
(72) GASPAR, Armindo, Ribeiro
XU, Hui
CROONENBERGHS, James
LUO, James
RANE, Kishore
- (31) 201161510637 P
(32) 22.07.2011
(33) United States of America
-
- (51) C12P 19/14
C12P 19/02
C13K 1/02
- (11) EP2943577
(21) EP14700260.4
(47) 01.05.2019
(87) EP2014050271
17.07.2014
(22) 09.01.2014
(54) PROCESS FOR ENZYMATIC
HYDROLYSIS OF LIGNOCELLULOSIC
MATERIAL
(73) DSM IP Assets B.V.
(72) SMITS, Johannes Petrus
BERKHOUT, Michael Petrus Jozef
NOORDAM, Bertus
- (31) 13150932
(32) 11.01.2013
(33) European Patent Office (EPO)
-
- (51) C12P 35/04
- (11) EP2723882
(21) EP12733001.7
(47) 01.05.2019
(87) EP2012061910
27.12.2012
(22) 21.06.2012
(54) PROCESS FOR PREPARING 3'-
THIOSUBSTITUTED CEPHALOSPORINS

EMPLOYING A PENICILLIN G ACYLASE (73) Centrient Pharmaceuticals Netherlands B.V. (72) MOODY, Harold, Monro CUSAN, Claudia IJPEIJ, Edwin, Gerard (31) 11171178 (32) 23.06.2011 (33) European Patent Office (EPO)	(22) 04.03.2013 (54) METHOD FOR USING PROBE BASED PCR DETECTION TO MEASURE THE LEVELS OF CIRCULATING DEMETHYLATED BETA CELL DERIVED DNA AS A MEASURE OF BETA CELL LOSS IN DIABETES (73) Winthrop-University Hospital (72) AKIRAV, Eitan Moshe (31) 201261606140 P (32) 02.03.2012 (33) United States of America	(54) GENETIC POLYMORPHISMS ASSOCIATED WITH VENOUS THROMBOSIS AND STATIN RESPONSE, METHODS OF DETECTION AND USES THEREOF (73) Celera Corporation Leiden University Medical Center (LUMC) Acting on Behalf Of Academic Hospital Leiden (AZL) (72) BARE, Lance DEVLIN, James, J. ROSENDAAL, Frits R. REITSMA, Pieter H. BEZEMER, Irene D. (31) 409434 P (32) 02.11.2010 (33) United States of America
(51) C12P 41/00 C12N 9/88 C12P 7/04 C12P 7/24 C12P 7/28 (11) EP2890778 (21) EP13833516.1 (47) 01.05.2019 (87) US2013057103 06.03.2014 (22) 28.08.2013 (54) RECOMBINANT MICROORGANISMS AND USES THEREFOR (73) Lanzatech New Zealand Limited (72) MUELLER, Alexander Paul KOEPEKE, Michael (31) 201261694104 P 201261720224 P (32) 28.08.2012 30.10.2012 (33) United States of America United States of America	(51) C12Q 1/68 (11) EP3099810 (21) EP15701120.6 (47) 01.05.2019 (87) EP2015050671 06.08.2015 (22) 15.01.2015 (54) CATION CHELATOR HOT START (73) Qiagen GmbH (72) AZZAWI, Alexander PEIST, Ralf (31) 14153386 (32) 31.01.2014 (33) European Patent Office (EPO)	(51) C12Q 1/68 C12N 5/0775 G01N 33/50 C12N 5/073 (11) EP3227682 (21) EP14907398.3 (47) 01.05.2019 (87) CN2014093109 09.06.2016 (22) 05.12.2014 (54) METHOD OF DISTINGUISHING MESENCHYMAL STEM CELLS (73) Meridigen Biotech Co., Ltd. (72) HSUAN, Chang-Yo LIU, Wei-Ting SHEN, Shih-Pei LIN, Yun LI, Yuan-Tsung CHANG, Chia-Chi
(51) C12Q 1/00 G01N 33/50 A61K 39/00 C08G 83/00 A61K 48/00 C12N 15/87 C07K 14/00 G01N 33/543 (11) EP2432893 (21) EP10778304.5 (47) 01.05.2019 (87) US2010035355 25.11.2010 (22) 19.05.2010 (54) COMPOSITIONS, KITS AND METHODS FOR IN VITRO ANTIGEN PRESENTATION, ASSESSING VACCINE EFFICACY, AND ASSESSING IMMUNOTOXICITY OF BIOLOGICS AND DRUGS (73) University Of Miami (72) DAFTARIAN, Pirouz, Mohammad SERAFINI, Paolo LEMMON, Vance, Paul KAIFER, Angel BLOMBERG, Bonnie, Beth CHOWDHURY, Raquibul KENYON, Norma (31) 179614 P (32) 19.05.2009 (33) United States of America	(54) MATRIX ARRAYS AND METHODS FOR MAKING SAME (73) Life Technologies Corporation (72) LIGHT, David HINZ, Wofgang CICERO, Ronald INMAN, Christina KENNEY, Paul MASTROIANNI, Alexander ROZHKOVA, Roman WANG, Yufang GRAY, Jeremy GLAZER, Marc GREMYACHINSKIY, Dmitriy (31) 201361781016 P 201361858977 P (32) 14.03.2013 26.07.2013 (33) United States of America United States of America	(51) C12Q 1/68 C12Q 1/70 (11) EP2473624 (21) EP10748219.2 (47) 01.05.2019 (87) US2010047399 03.03.2011 (22) 31.08.2010 (54) DENGUE VIRUS ASSAY (73) GEN-PROBE INCORPORATED (72) CARRICK, James M. LINNEN, Jeffrey M. (31) 238637 P (32) 31.08.2009 (33) United States of America
(51) C12Q 1/68 (11) EP2820157 (21) EP13754517.4 (47) 01.05.2019 (87) US2013028862 06.09.2013	(51) C12Q 1/68 A61K 31/505 G06F 15/16 A61K 31/40 A61K 31/22 A61K 31/366 A61K 31/4439 A61K 31/5377 A61K 31/4545 A61P 7/02 (11) EP2635709 (21) EP11838747.1 (47) 01.05.2019 (87) US2011058963 10.05.2012 (22) 02.11.2011	(51) C12Q 1/68 G01N 15/14 (11) EP2860263 (21) EP14187908.0 (47) 01.05.2019 (22) 07.10.2014 (54) Cell analysis method, cell analyzer and sample screening method (73) SYSMEX CORPORATION (72) Shirasuna, Kei Ebi, Ryuichiro Abe, Shigeki (31) 2013213930 (32) 11.10.2013 (33) Japan
	(51) C12Q 1/68 G06F 19/22	

(11) EP3169806	(51) C12Q 1/6883	C12Q 1/66
(21) EP15747666.4	A61K 39/00	C12N 9/02
(47) 01.05.2019	(11) EP3060685	G01N 33/58
(87) US2015040951	(21) EP14856518.7	G01N 33/50
21.01.2016	(47) 01.05.2019	(11) EP2776579
(22) 17.07.2015	(87) US2014061759	(21) EP12788400.5
(54) SYSTEMS AND METHODS FOR	30.04.2015	(47) 01.05.2019
DETECTING STRUCTURAL VARIANTS	(22) 22.10.2014	(87) US2012063982
(73) Life Technologies Corporation	(54) METHOD OF PREDICTING THE	16.05.2013
(72) GOTTIMUKKALA, Rajesh Kumar	RESPONSE OF AN ASTHMA PATIENT	(22) 07.11.2012
HYLAND, Fiona C. Laird	TO THERAPY	(54) PROPEPTIDE-LUCIFERASE FUSION
(31) 201462026300 P	(73) F. Hoffmann-La Roche AG	PROTEINS AND METHODS OF USE
(32) 18.07.2014	(72) ABBAS, Alexander R.	THEREOF
(33) United States of America	ARRON, Joseph R.	(73) The General Hospital Corporation
(51) C12Q 1/6816	CHOY, David F.	The Broad Institute, Inc.
(11) EP3265581	JIA, Guiquan	Instituto Carlos Slim de la Salud, A.C.
(21) EP16707454.1	LEWIN-KOH, Nicholas J. I.	(72) BURNS, Sean
(47) 01.05.2019	MORSHEAD, Katrina B.	ALTSHULER, David
(87) EP2016054450	(31) 201361894831 P	VETERE, Amedeo
09.09.2016	(32) 23.10.2013	(31) 201161556619 P
(22) 02.03.2016	(33) United States of America	201161576530 P
(54) SIMULTANEOUS DETECTION OF	(51) C12Q 1/6883	(32) 07.11.2011
OLIGONUCLEOTIDES, A KIT AND A	C12Q 1/6869	16.12.2011
USE RELATED THERETO	G06F 19/22	(33) United States of America
(73) AXOLABS GmbH	G06F 19/24	United States of America
(72) RÖHL, Ingo	(11) EP2904112	(51) C12R 1/35
DÖRFLER, Nadine	(21) EP13779675.1	A61K 39/02
KNIS, Julia	(47) 01.05.2019	C12N 1/20
(31) 15000588	(87) US2013063287	C12N 5/077
(32) 02.03.2015	10.04.2014	C12N 5/071
(33) European Patent Office (EPO)	(22) 03.10.2013	(11) EP2938747
(51) C12Q 1/6823	(54) METHODS AND PROCESSES FOR NON-	(21) EP13817835.5
(11) EP2473634	INVASIVE ASSESSMENT OF GENETIC	(47) 01.05.2019
(21) EP10813950.2	VARIATIONS	(87) US2013076807
(47) 01.05.2019	(73) Sequenom, Inc.	03.07.2014
(87) KR2010005971	(72) MAZLOOM, Amin	(22) 20.12.2013
10.03.2011	DZAKULA, Zelijko	(54) METHOD OF MAKING A
(22) 02.09.2010	DECIU, Cosmin	MYCOPLASMA VACCINE
(54) TD PROBE AND ITS USES	(31) 201261709901 P	(73) Boehringer Ingelheim Vetmedica GmbH
(73) Seegene, Inc.	201313781530	(72) JORDAN, Dianna M. Murphy
(72) CHUN, Jong Yoon	(32) 04.10.2012	MARTINSON, Brian Thomas
HWANG, In Taek	28.02.2013	MUEHLENTHALER, Christine Margaret
LEE, Sang Kil	(33) United States of America	NEUBAUER, Axel
(31) 20090083196	United States of America	IYER, Arun V.
PCT/KR2010/004119	(51) C12Q 1/6888	(31) 201261746997 P
(32) 03.09.2009	C12N 5/073	(32) 28.12.2012
24.06.2010	C12Q 1/24	(33) United States of America
(33) Korea (Republic)	G01N 33/569	(51) C14B 1/58
World Intellectual Property Office (WIPO)	(11) EP2909315	C14B 15/06
(51) C12Q 1/6869	(21) EP13847056.2	C14B 1/26
(11) EP3074534	(47) 01.05.2019	(11) EP2465951
(21) EP14830903.2	(87) US2013065570	(21) EP12075029.4
(47) 01.05.2019	24.04.2014	(47) 01.05.2019
(87) US2014067582	(22) 18.10.2013	(22) 16.09.2004
04.06.2015	(54) IDENTIFICATION AND ANALYSIS	(54) Pelt board
(22) 26.11.2014	OF FETAL TROPHOBLAST CELLS IN	(73) Dansk Mink Papir A/S
(54) METHODS FOR POLYNUCLEOTIDE	CERVICAL MUCUS FOR PRENATAL	(72) Hedegaard, Jens
SEQUENCING	DIAGNOSIS	(31) 200301339
(73) Illumina, Inc.	(73) Wayne State University	(32) 16.09.2003
(72) STAVA, Eric	(72) ARMANT, D., Randall	(33) Denmark
GUNDLACH, Jens, H.	DIAMOND, Michael P.	(51) C21B 13/00
MANDELL, Jeffrey, G.	(31) 201261715854 P	C21B 13/02
GUNDERSON, Kevin, L.	(32) 19.10.2012	C10G 9/16
DERRINGTON, Ian, M.	(33) United States of America	F27D 25/00
MOHIMANI, Hosein	(51) C12Q 1/6897	C10G 75/00
(31) 201361909316 P	C07K 14/575	(11) EP2794932
(32) 26.11.2013	C07K 14/605	(21) EP12848748.5
(33) United States of America	C07K 14/62	(47) 01.05.2019

- (87) IB2012003062
27.06.2013
(22) 21.12.2012
(54) METHOD AND PLANT FOR PRODUCTION OF DIRECT REDUCED IRON (DRI) UTILIZING COKE OVEN GAS
(73) Danieli & C. Officine Meccaniche SpA
HYL Technologies, S.A. de C.V.
(72) MARTINIS, Alessandro
BECERRA-NOVOA, Jorge-Octavio
CONDOSTA, Michele
ZENDEJAS-MARTINEZ, Eugenio
(31) 201161578877 P
(32) 21.12.2011
(33) United States of America
(51) C21D 1/02
C21D 1/28
C21D 8/10
C21D 11/00
C22C 38/04
C21D 9/28
C21D 8/04
B60B 35/04
F16C 3/02
B21K 1/10
B21J 5/08
(11) EP2229461
(21) EP08855639.4
(47) 01.05.2019
(87) BR2008000362
04.06.2009
(22) 01.12.2008
(54) AN AXLE FROM A SEAMLESS TUBE FOR RAILROAD VEHICLES, AND A PROCESS FOR MANUFACTURING AN AXLE FROM A SEAMLESS STEEL TUBE FOR RAILROAD VEHICLES
(73) V & M Do Brasil S/A
(72) FARIA ANTUNES, Ronaldo
Jose antonio Filho
(31) 0704944
(32) 30.11.2007
(33) Brazil
(51) C21D 6/00
C21D 1/18
C22C 38/42
C22C 38/44
C22C 38/46
C22C 38/48
C22C 38/50
(11) EP3202942
(21) EP15872120.9
(47) 01.05.2019
(87) JP2015004621
30.06.2016
(22) 10.09.2015
(54) HIGH-STRENGTH SEAMLESS STEEL PIPE FOR OIL WELLS, AND PRODUCTION METHOD FOR HIGH-STRENGTH SEAMLESS STEEL PIPE FOR OIL WELLS
(73) JFE Steel Corporation
(72) YUGA, Masao
ISHIGURO, Yasuhide
NABESHIMA, Seiji
OKATSU, Mitsuhiro
OTA, Hiroki
(31) 2014260217
(32) 24.12.2014
(33) Japan
(51) C21D 8/02
B22D 1/00
B22D 25/02
C22C 38/00
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/08
C22C 38/12
C22C 38/14
C22C 38/16
C22C 38/42
C22C 38/44
C22C 38/46
C22C 38/50
C22C 38/54
E04C 3/06
E04C 3/04
(11) EP2975149
(21) EP14764532.9
(47) 01.05.2019
(87) JP2014056135
18.09.2014
(22) 10.03.2014
(54) H-SHAPED STEEL AND PROCESS FOR MANUFACTURING SAME
(73) Nippon Steel & Sumitomo Metal Corporation
(72) MIZOGUCHI Masaki
ICHIKAWA Kazutoshi
HOSHINO Manabu
MITSUYASU Kazuaki
SUGIYAMA Hirokazu
(31) 2013051954
(32) 14.03.2013
(33) Japan
(51) C21D 9/52
C22C 38/04
C22C 38/02
C21D 1/20
C21D 9/58
(11) EP2576849
(21) EP11719592.5
(47) 01.05.2019
(87) FR2011000167
08.12.2011
(22) 23.03.2011
(54) METHOD OF PRODUCTION OF A PROFILED WIRE MADE OF HYDROGEN-EMBRITTLMENT-RESISTANT STEEL HAVING HIGH MECHANICAL PROPERTIES
(73) Arcelormittal Wire France
(72) FOISSEY, Sylvain
BERTOUT, Christophe
PERROUD, Xavier
(31) 1002286
(32) 31.05.2010
(33) France
(51) C22C 1/02
C22B 9/04
C22B 9/10
C22B 9/20
C22C 14/00
C22C 21/00
(11) EP3190196
(21) EP15838357.0
(47) 01.05.2019
(87) JP2015074970
10.03.2016
(22) 02.09.2015
(54) METHOD FOR DEOXIDIZING TI-AL ALLOY
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
(72) KUDO Fumiaki
MATSUWAKA Daisuke
DEURA Tetsushi
SAKAMOTO Koichi
TAKAHASHI Daiki
ISHIDA Hitoshi
(31) 2014180431
2014180432
2015006764
2015006765
2015131029
(32) 04.09.2014
04.09.2014
16.01.2015
16.01.2015
30.06.2015
(33) Japan
Japan
Japan
Japan
(51) C22C 9/00
C22F 1/08
H01B 1/02
H01B 5/02
(11) EP3088541
(21) EP14873824.8
(47) 01.05.2019
(87) JP2014074126
02.07.2015
(22) 11.09.2014
(54) COPPER-TITANIUM ALLOY FOR ELECTRONIC COMPONENT
(73) JX Nippon Mining & Metals Corporation
(72) HORIE, Hiroyasu
(31) 2013272845
(32) 27.12.2013
(33) Japan
(51) C22C 32/00
B22F 5/00
C22C 1/05
C22C 9/00
C22C 9/02
F16C 33/12
(11) EP2048253
(21) EP07791805.0
(47) 01.05.2019
(87) JP2007065125
14.02.2008
(22) 02.08.2007
(54) METHOD FOR PRODUCING A LEAD-FREE SINTERED COPPER ALLOY SLIDING MATERIAL
(73) Taiho Kogyo Co., Ltd
(72) YOKOTA, Hiromi
YOSHITOME, Daisuke
(31) 2006213986
2006219709

(32) 05.08.2006	(54) NODULAR GRAPHITE CAST IRON FOR	C22C 38/44
11.08.2006	PISTONS, ONE-PIECE PISTON, AND	C21D 9/46
(33) Japan	MARINE ENGINE	(11) EP3276025
Japan	(73) Yanmar Co., Ltd.	(21) EP16768074.3
(51) C22C 32/00	(72) ANJIKI, Takuya	(47) 01.05.2019
C23C 8/44	OKA, Masanori	(87) JP2016001764
C22C 29/00	KOTANI, Tomokatsu	29.09.2016
C22C 29/06	SATO, Risa	(22) 25.03.2016
C22C 29/14	(31) 2014199271	(54) STEEL PLATE FOR STRUCTURAL PIPE,
C22C 1/10	(32) 29.09.2014	METHOD FOR PRODUCING STEEL
(11) EP3325681	(33) Japan	PLATE FOR STRUCTURAL PIPE, AND
(21) EP16741604.9	(51) C22C 38/00	STRUCTURAL PIPE
(47) 01.05.2019	C21D 1/06	(73) JFE Steel Corporation
(87) EP2016067116	C21D 1/76	(72) OTA, Shusaku
26.01.2017	C21D 9/40	SHIMAMURA, Junji
(22) 19.07.2016	C22C 38/18	ISHIKAWA, Nobuyuki
(54) PROCESS FOR MANUFACTURING AN	C23C 8/32	ENDO, Shigeru
AL/AL3B48C3 COMPOSITE	C23C 8/80	YASUDA, Kyono
(73) Commissariat à l'Énergie Atomique et aux	F16C 19/02	(31) PCT/JP2015/001753
Énergies Alternatives	F16C 19/22	(32) 26.03.2015
Centre National de la Recherche Scientifique	F16C 33/56	(33) World Intellectual Property Office (WIPO)
Université Claude Bernard Lyon 1	F16C 33/62	(51) C22C 38/00
(72) DEZELLUS, Olivier	F16C 33/64	C21D 8/06
CHAFFRON, Laurent	C22C 38/02	C21D 9/52
ANDRIEUX, Jérôme	C22C 38/04	C22C 38/04
SAMER, Nassim	F16C 19/06	C22C 38/54
GARDIOLA, Bruno	F16C 19/30	C21D 9/64
(31) 1556859	F16C 19/36	C22C 38/06
(32) 20.07.2015	F16C 33/32	C22C 38/08
(33) France	F16C 33/34	C22C 38/12
(51) C22C 33/02	C21D 9/36	C22C 38/14
C22C 38/20	C23F 17/00	C22C 38/16
C22C 38/22	(11) EP2910657	C22C 38/18
C22C 38/24	(21) EP13846585.1	C22C 38/20
C22C 38/30	(47) 01.05.2019	C22C 38/24
C22C 38/40	(87) JP2013078071	C22C 38/02
C22C 38/44	24.04.2014	(11) EP3115478
C22C 38/46	(22) 16.10.2013	(21) EP15759266.8
C22C 38/52	(54) BEARING ELEMENT, ROLLING	(47) 01.05.2019
F01L 3/02	BEARING AND PROCESS FOR	(87) JP2015056691
B22F 3/26	PRODUCING BEARING ELEMENT	11.09.2015
(11) EP2980234	(73) NTN Corporation	(22) 06.03.2015
(21) EP15179135.7	(72) SATO, Daisuke	(54) HIGH-CARBON STEEL WIRE
(47) 01.05.2019	OHKI, Chikara	HAVING SUPERIOR WIRE DRAWING
(22) 30.07.2015	(31) 2012229988	PROPERTIES AND METHOD FOR
(54) VALVE SEAT	2013025463	PRODUCING SAME
(73) Doosan Infracore Co., Ltd.	(32) 17.10.2012	(73) Nippon Steel & Sumitomo Metal Corporation
(72) Kang, Min Gu	13.02.2013	(72) MANABE, Toshiyuki
Kim, Ju Sung	(33) Japan	TADA, Tatsusei
Song, Keun Chul	Japan	HIRAKAMI, Daisuke
Kim, Sang Beom	(51) C22C 38/00	ISO, Arata
(31) 20140097222	C21D 8/02	SAHARA, Susumu
(32) 30.07.2014	C22C 38/14	(31) 2014044216
(33) Korea (Republic)	C22C 38/58	(32) 06.03.2014
(51) C22C 37/04	C22C 38/02	(33) Japan
F02F 3/00	C22C 38/04	(51) C22C 38/00
F16J 1/01	C22C 38/06	C21D 8/06
C21D 5/00	C22C 38/08	C22C 38/58
C22C 37/10	C22C 38/12	C21D 6/00
C22C 37/06	C22C 38/16	C21D 9/52
(11) EP3202935	C22C 38/18	C22C 38/02
(21) EP15845945.3	C22C 38/22	C22C 38/06
(47) 01.05.2019	C22C 38/24	C22C 38/42
(87) JP2015004802	C22C 38/26	C22C 38/44
07.04.2016	C22C 38/28	C22C 38/46
(22) 18.09.2015	C22C 38/32	C22C 38/48
	C22C 38/40	C22C 38/50
	C22C 38/42	C22C 38/52

C22C 38/54	C22C 38/42	C22C 38/08
C21D 1/26	C22C 38/44	C22C 38/38
(11) EP2902521	C22C 38/46	C21D 9/46
(21) EP13841641.7	C22C 38/50	C21D 8/02
(47) 01.05.2019	C22C 38/54	(11) EP2103697
(87) JP2013076011	H01F 1/03	(21) EP07860538.3
03.04.2014	H01F 41/02	(47) 01.05.2019
(22) 26.09.2013	H02K 1/02	(87) JP2007075341
(54) SUPER NON-MAGNETIC SOFT	(11) EP3165624	10.07.2008
STAINLESS STEEL WIRE MATERIAL	(21) EP15814427.9	(22) 21.12.2007
HAVING EXCELLENT COLD	(47) 01.05.2019	(54) HIGH CARBON HOT-ROLLED STEEL
WORKABILITY AND CORROSION	(87) JP2015069197	SHEET
RESISTANCE, METHOD FOR	07.01.2016	(73) JFE Steel Corporation
MANUFACTURING SAME, STEEL WIRE,	(22) 02.07.2015	(72) KARIYA, Nobusuke
STEEL WIRE COIL, AND METHOD FOR	(54) NON-ORIENTED MAGNETIC STEEL	SETO, Kazuhiro
MANUFACTURING SAME	SHEET, AND MANUFACTURING	NAKAMURA, Nobuyuki
(73) Nippon Steel & Sumikin Stainless Steel	METHOD FOR SAME	(31) 2006347539
Corporation	(73) Nippon Steel & Sumitomo Metal Corporation	(32) 25.12.2006
Suzuki-Sumiden Stainless Steel Wire Co.,	(72) MURAKAMI, Kenichi	(33) Japan
Ltd.	NATORI, Yoshiaki	(51) C22C 38/00
(72) TAKANO Kohji	MATSUMOTO, Takuya	C22C 38/02
HIKASA Yuya	HORI, Hiroki	C22C 38/04
TENDO Masayuki	WAKISAKA, Takeaki	C22C 38/12
TADA Yoshinori	(31) 2014136949	C22C 38/14
YOSHIMURA Koichi	(32) 02.07.2014	C21D 8/02
(31) 2012214059	(33) Japan	C21D 9/08
2013197097	(51) C22C 38/00	C22C 38/08
(32) 27.09.2012	C21D 9/46	(11) EP2089556
24.09.2013	C22C 38/58	(21) EP07841597.3
(33) Japan	C23C 2/02	(47) 01.05.2019
Japan	C23C 2/06	(87) US2007077202
(51) C22C 38/00	C23C 2/12	17.04.2008
C21D 8/10	C23C 2/26	(22) 30.08.2007
C22C 38/58	C23C 2/28	(54) LOW YIELD RATIO DUAL PHASE
C21D 9/08	C21D 8/02	STEEL LINEPIPE WITH SUPERIOR
C22C 38/02	C22C 38/02	STRAIN AGING RESISTANCE
C22C 38/04	C22C 38/04	(73) JFE Steel Corporation
C22C 38/06	C22C 38/12	(72) KOO, Jayoung
C22C 38/12	C22C 38/18	BANGARU, Narasimha, V.
C22C 38/14	C22C 38/14	JIN, Hyun-Woo
C22C 38/16	C22C 38/06	OZEKCIN, Adnan
C22C 38/18	C22C 38/08	AYER, Raghavan
C22C 38/42	C22C 38/16	FAIRCHILD, Douglas, P.
C22C 38/44	C22C 38/22	BEESON, Danny, L.
C22C 38/50	C22C 38/32	HOYT, Douglas, S.
C22C 38/54	C22C 38/38	LEBLEU, James, B., Jr.
(11) EP3006585	C22C 38/28	ENDO, Shigeru
(21) EP14803329.3	C21D 1/673	OKATSU, Mitsuhiko
(47) 01.05.2019	(11) EP2803746	KAKIHARA, Shinichi
(87) JP2014002662	(21) EP13736290.1	NAGAE, Moriyasu
04.12.2014	(47) 01.05.2019	(31) 850216 P
(22) 21.05.2014	(87) JP2013050377	(32) 06.10.2006
(54) SEAMLESS STEEL PIPE FOR LINE PIPE	18.07.2013	(33) United States of America
USED IN SOUR ENVIRONMENT	(22) 11.01.2013	(51) C22C 38/00
(73) Nippon Steel & Sumitomo Metal Corporation	(54) HOT STAMPED STEEL AND METHOD	C22C 38/14
(72) KOBAYASHI, Kenji	FOR PRODUCING THE SAME	C22C 38/60
ARAI, Yuji	(73) Nippon Steel & Sumitomo Metal Corporation	H01F 1/16
(31) 2013115135	(72) NONAKA, Toshiki	C22C 38/02
(32) 31.05.2013	KATO, Satoshi	C22C 38/04
(33) Japan	KAWASAKI, Kaoru	C22C 38/06
(51) C22C 38/00	TOMOKIYO, Toshimasa	C22C 38/08
C21D 8/12	(31) 2012004552	(11) EP2390376
C22C 38/60	(32) 13.01.2012	(21) EP10733454.2
H01F 1/16	(33) Japan	(47) 01.05.2019
C21D 9/46	(51) C22C 38/00	(87) JP2010050520
C22C 38/02	C22C 38/02	29.07.2010
C22C 38/04	C22C 38/04	(22) 19.01.2010
C22C 38/06	C22C 38/06	

(54) NON-ORIENTED ELECTRICAL STEEL SHEET	22.09.2011	Japan
(73) Nippon Steel & Sumitomo Metal Corporation	(22) 09.03.2011	(51) C23C 2/12
(72) KUBOTA, Takeshi	(54) FERRITE-BASED STAINLESS STEEL FOR USE IN COMPONENTS OF AUTOMOBILE EXHAUST SYSTEM	C22C 21/00
(31) 2009014298	(73) Nippon Steel & Sumikin Stainless Steel Corporation	C22C 38/00
(32) 26.01.2009	(72) SAKAMOTO Shunji	C23C 2/28
(33) Japan	(72) TERAOKA Shinichi	(11) EP2578719
(51) C22C 38/00	(31) 2010057865	(21) EP11789784.3
C22C 38/32	(32) 15.03.2010	(47) 01.05.2019
C22C 38/18	(33) Japan	(87) JP2011062448
C22C 38/02	(51) C22C 38/42	08.12.2011
C22C 38/04	C22C 38/50	(22) 31.05.2011
C22C 38/06	C22C 38/48	(54) HOT-DIP ALUMINUM ALLOY PLATED STEEL HAVING EXCELLENT SHEAR CUT EDGE CORROSION RESISTANCE AND PROCESSED PART CORROSION RESISTANCE, AND METHOD OF MANUFACTURING THE SAME
C22C 38/22	C22C 38/02	(73) Nippon Steel & Sumitomo Metal Corporation
(11) EP3181713	C22C 38/04	(72) NOSE Koichi
(21) EP15831535.8	C22C 38/06	MORIMOTO Yasuhide
(47) 01.05.2019	C22C 38/00	TOKUDA Kohei
(87) JP2015072961	C21D 9/46	(31) 2010133087
18.02.2016	C21D 8/02	2010124933
(22) 14.08.2015	C22C 38/44	(32) 10.06.2010
(54) STEEL WIRE FOR DRAWING	C22C 38/52	31.05.2010
(73) Nippon Steel & Sumitomo Metal Corporation	C22C 38/54	(33) Japan
(72) DAITO, Yoshihiro	C22C 38/60	Japan
KODAMA, Junichi	(11) EP3318654	(51) C23C 2/26
SAKAMOTO, Masashi	(21) EP16850651.7	C23C 2/06
(31) 2014165345	(47) 01.05.2019	C23G 1/20
(32) 15.08.2014	(87) JP2016004336	(11) EP2956563
(33) Japan	06.04.2017	(21) EP14705338.3
(51) C22C 38/00	(22) 26.09.2016	(47) 01.05.2019
C22C 38/38	(54) FERRITE STAINLESS STEEL SHEET	(87) EP2014053102
C22C 38/02	(73) JFE Steel Corporation	21.08.2014
C22C 38/04	(72) NISHIDA, Shuji	(22) 18.02.2014
C22C 38/06	ISHII, Tomohiro	(54) METHOD FOR THE PRODUCTION OF SHEET METAL HAVING A ZNMG OR ZNALMG COATING, COMPRISING THE APPLICATION OF A BASIC SOLUTION OF A MAGNESIUM ION COMPLEXING AGENT.
C22C 38/22	FUJISAWA, Mitsuyuki	(73) ArcelorMittal
C22C 38/24	KAMI, Chikara	(72) ALLÉLY, Christian
C22C 38/26	(31) 2015192442	MACHADO AMORIM, Tiago
C22C 38/28	(32) 30.09.2015	COFFIGNY, Astrid
C22C 38/32	(33) Japan	(31) PCT/FR2013/050332
C21D 8/00	(51) C22F 1/10	(32) 18.02.2013
(11) EP2204463	C22C 19/05	(33) World Intellectual Property Office (WIPO)
(21) EP08846041.5	C22F 1/00	(51) C23C 4/06
(47) 01.05.2019	(11) EP2980258	C23C 4/18
(87) JP2008069835	(21) EP14774897.4	C22C 21/00
07.05.2009	(47) 01.05.2019	C22C 1/04
(22) 27.10.2008	(87) JP2014058193	C22C 1/10
(54) MARTENSITIC NON-HEAT-TREATED STEEL FOR HOT FORGING AND NON-HEAT-TREATED STEEL HOT FORGINGS	02.10.2014	B22F 9/08
(73) Nippon Steel & Sumitomo Metal Corporation	(22) 25.03.2014	(11) EP2964808
(72) TERAMOTO, Shinya	(54) Ni-BASED SUPERALLOY AND METHOD FOR PRODUCING SAME	(21) EP13877283.5
MIYANISHI, Kei	(73) Hitachi Metals, Ltd.	(47) 01.05.2019
HASHIMURA, Masayuki	(72) SATO, Jun	(87) US2013078183
(31) 2007280258	KOBAYASHI, Shinichi	12.09.2014
(32) 29.10.2007	UENO, Tomonori	(22) 30.12.2013
(33) Japan	OHNO, Takehiro	(54) THERMO-MECHANICAL FATIGUE RESISTANT ALUMINUM ABRADABLE COATING
(51) C22C 38/00	AOKI, Chuya	(73) United Technologies Corporation
C22C 38/50	SHIMOHIRA, Eiji	(72) STROCK, Christopher W.
C22C 38/54	(31) 2013068375	(31) 201361773344 P
C21D 6/00	2013201390	(32) 06.03.2013
C22C 38/02	2013201391	
C22C 38/04	(32) 28.03.2013	
C22C 38/06	27.09.2013	
C22C 38/40	27.09.2013	
C22C 38/48	(33) Japan	
(11) EP2548988	Japan	
(21) EP11756153.0		
(47) 01.05.2019		
(87) JP2011055513		

(33) United States of America	(54) CORUNDUM-TYPE FE-DOPED	C23C 16/30
(51) C23C 4/11	CATHODIC ARC EVAPORATED AL-CR-	C30B 25/18
C23C 4/129	O COATINGS	C30B 29/40
C23C 4/123	(73) Oerlikon Surface Solutions AG, Trübbach	H01L 21/02
C23C 4/134	(72) KOLLER, Christian Martin	(11) EP2527500
(11) EP2300630	RAMM, Juergen	(21) EP11734646.0
(21) EP09757215.0	MAYRHOFER, Paul Heinz	(47) 01.05.2019
(47) 01.05.2019	POLCIK, Peter	(87) JP2011050806
(87) EP2009003797	PAULITSCH, Joerg	28.07.2011
10.12.2009	(31) 201462029742 P	(22) 19.01.2011
(22) 28.05.2009	(32) 28.07.2014	(54) METHOD FOR MANUFACTURING
(54) METHOD FOR THE PRODUCTION	(33) United States of America	EPITAXIAL CRYSTAL SUBSTRATE
OF THERMAL SPRAYED AL2O3	(51) C23C 14/34	(73) JX Nippon Mining & Metals Corporation
LAYERS HAVING A HIGH CONTENT	H01L 21/28	(72) MOMOI, Hajime
OF CORUNDUM WITHOUT ANY	H01L 21/285	KAKUTA, Koji
PROPERTY-REDUCING ADDITIVES	C22B 9/20	(31) 2010010004
(73) Fraunhofer-Gesellschaft zur Förderung der	C23C 14/56	(32) 20.01.2010
angewandten Forschung	C22C 9/00	(33) Japan
(72) TOMA, Filotheia-Laura	C23C 14/18	(51) C23C 16/26
BERGER, Lutz-Michael	(11) EP3128039	C23C 16/34
STAHR, Carl, Christoph	(21) EP16190070.9	(11) EP3066230
NAUMANN, Tobias	(47) 01.05.2019	(21) EP14798763.0
LANGNER, Stefan	(22) 24.09.2009	(47) 01.05.2019
(31) 102008026101	(54) HIGH-PURITY COPPER SPUTTERING	(87) EP2014074012
(32) 30.05.2008	TARGET OR HIGH-PURITY COPPER	14.05.2015
(33) Germany	ALLOY SPUTTERING TARGET	(22) 07.11.2014
(51) C23C 10/26	(73) JX Nippon Mining & Metals Corp.	(54) COATED CONTAINER, USE
(11) EP3015568	(72) FUKUSHIMA, Atsushi	THEREOF AND PROCESS FOR ITS
(21) EP15186418.8	SHINDO, Yuichiro	MANUFACTURING
(47) 01.05.2019	SHIMAMOTO, Susumu	(73) Nestec S.A.
(22) 23.09.2015	(31) 2008253052	(72) LANCTUIT, Hélène Beatrice
(54) DROSS AND METHOD FOR	(32) 30.09.2008	MINH DUC, Tran
PRODUCING AN OXIDATION AND	(33) Japan	VIARD, Jocelyn
CORROSION RESISTANT DIFFUSION	(51) C23C 14/50	(31) 13192159
LAYER	C23C 14/54	(32) 08.11.2013
(73) MTU Aero Engines AG	C23C 14/58	(33) European Patent Office (EPO)
(72) Lopez Lavernia, Natividad	(11) EP3088561	(51) C23C 16/455
Hillen, Michael	(21) EP16163235.1	(11) EP2954093
Pillhöfer, Horst	(47) 01.05.2019	(21) EP14704645.2
Kliewe, Anja	(22) 31.03.2016	(47) 01.05.2019
(31) 102014222024	(54) HYBRID VACUUM FURNACE	(87) GB2014050386
(32) 29.10.2014	(73) AMP Sp. z o.o.	14.08.2014
(33) Germany	(72) FLISIEWICZ, Bogdan	(22) 10.02.2014
(51) C23C 14/24	CYGANSKI, Maciej	(54) INJECTOR AND METHOD
C23C 14/06	GULBINSKI, Witold	(73) Scanwel Limited
F01D 5/28	WALKOWICZ, Jan	(72) BARRIOZ, Vincent
(11) EP3071727	(31) 41215715	LAMB, Dan Ash
(21) EP14861864.8	(32) 29.04.2015	MONIR, Shafiul
(47) 01.05.2019	(33) Poland	TRUEMAN, Steven
(87) US2014065860	(51) C23C 14/50	KARTOPU, Giray
21.05.2015	C23C 14/56	OWEN, Ian Wynne
(22) 17.11.2014	(11) EP2097554	IRVINE, Stuart James Curzon
(54) AIRFOIL HAVING A VARIABLE	(21) EP07847345.1	YANG, Xiaogang
COATING	(47) 01.05.2019	(31) 201302306
(73) United Technologies Corporation	(87) EP2007062812	(32) 08.02.2013
(72) UCASZ, Mark T.	05.06.2008	(33) United Kingdom
(31) 201361905475 P	(22) 26.11.2007	(51) C23C 16/458
(32) 18.11.2013	(54) COATING INSTALLATION	C30B 25/12
(33) United States of America	COMPRISING A RADIO DEVICE AND A	(11) EP2918702
(51) C23C 14/32	MEASURING DEVICE	(21) EP15158596.5
C23C 14/08	(73) Leica Microsystems CMS GmbH	(47) 01.05.2019
C23C 14/00	BANKMANN, Joachim	(22) 11.03.2015
(11) EP2980267	(72) BANKMANN, Joachim	(54) COATED COMPONENT OF A CVD
(21) EP15178336.2	EISENKRÄMER, Frank	REACTOR AND METHOD FOR
(47) 01.05.2019	(31) 102006056290	PRODUCING THE SAME
(22) 24.07.2015	(32) 29.11.2006	(73) Aixtron SE
	(33) Germany	(72) Deufel, Markus
	(51) C23C 16/02	Kessel, Mario Wilhelm Angelo

Kollberg, Marcel	(54) METHOD FOR APPLYING A LAYER OF	2013207289
(31) 102014103505	ELECTRICAL INSULATION MATERIAL	(32) 21.02.2013
(32) 14.03.2014	TO A SURFACE OF A CONDUCTOR	02.10.2013
(33) Germany	(73) Siemens Energy, Inc.	(33) Japan
(51) C23C 16/52	(72) JONES, William, F.	Japan
H01J 37/32	HAN, Zhaohui	(51) C25C 1/14
C23C 14/35	GARRETT, Randall, S.	(11) EP3108024
C23C 14/56	(31) 832106	(21) EP15752619.5
H01J 37/34	(32) 08.07.2010	(47) 01.05.2019
(11) EP3180456	(33) United States of America	(87) US2015014583
(21) EP15785048.8	(51) C23C 24/04	27.08.2015
(47) 01.05.2019	F16L 58/04	(22) 05.02.2015
(87) DE2015000397	F16L 11/12	(54) IMPROVED METAL REFINING PROCESS
18.02.2016	A61L 33/00	USING MIXED ELECTROLYTE
(22) 05.08.2015	(11) EP3109533	(73) Honeywell International Inc.
(54) METHOD AND APPARATUS FOR	(21) EP15751557.8	(72) SILINGER, Paul P.
SAVING ENERGY WHILE INCREASING	(47) 01.05.2019	CLARK, Brett M.
THE CONVEYING SPEED IN VACUUM	(87) JP2015054326	FERY, Mark B.
COATING PLANTS	27.08.2015	(31) 201414185341
(73) Grenzebach Maschinenbau GmbH	(22) 17.02.2015	(32) 20.02.2014
(72) KLEIDEITER, Gerd	(54) INNER FACE MODIFIED TUBE	(33) United States of America
KRISCH, Thomas	AND INNER FACE MODIFIED TUBE	(51) C25C 7/00
FIUKOWSKI, Jörg	MANUFACTURING METHOD	C25C 3/28
GAWER, Olaf	(73) SofSera Corporation	C22B 4/08
(31) 102014011877	(72) KOGAI, Yasumichi	C22B 5/02
(32) 11.08.2014	KAWABE, Karl Kazushige	C22B 34/12
(33) Germany	(31) 2014028309	(11) EP2430217
(51) C23C 18/06	(32) 18.02.2014	(21) EP10719374.0
C23C 18/12	(33) Japan	(47) 01.05.2019
C23C 22/48	(51) C23C 26/00	(87) GB2010000960
C23C 22/74	B05D 1/34	18.11.2010
(11) EP3095895	B22F 7/04	(22) 12.05.2010
(21) EP16171410.0	B22F 3/00	(54) APPARATUS AND METHOD FOR
(47) 01.05.2019	(11) EP3105365	REDUCTION OF A SOLID FEEDSTOCK
(22) 12.12.2005	(21) EP15701772.4	(73) Metalysis Limited
(54) METHOD OF FORMING SILICON-	(47) 01.05.2019	(72) DUDLEY, Peter, G.
CONTAINING PROTECTIVE COATINGS	(87) EP2015051701	WRIGHT, Allen, Richard
ON METAL COMPONENTS	13.08.2015	(31) 0908151
(73) MT Coatings, LLC	(22) 28.01.2015	0908152
(72) Fairbourn, David C.	(54) ARRANGEMENT FOR APPLYING	(32) 12.05.2009
(31) PCT/US2004/041896	CONDUCTIVE NANOPARTICLES ONTO	12.05.2009
(32) 13.12.2004	A SUBSTRATE	(33) United Kingdom
(33) World Intellectual Property Office (WIPO)	(73) Pac Tech - Packaging Technologies GmbH	United Kingdom
(51) C23C 18/31	(72) AZHDAST, Mohammad Hossein	(51) C25D 3/38
C23C 18/16	(31) 102014101588	C25D 21/12
C23C 18/30	(32) 10.02.2014	G01N 27/42
C23C 18/36	(33) Germany	(11) EP3417096
C23C 18/34	(51) C23C 28/04	(21) EP17723144.6
(11) EP3255176	C23C 16/32	(47) 01.05.2019
(21) EP17179016.5	C23C 16/34	(87) EP2017061858
(47) 01.05.2019	C23C 16/36	23.11.2017
(22) 11.01.2012	C23C 16/38	(22) 17.05.2017
(54) METHOD OF PLATING PARTICULATE	C23C 16/40	(54) METHOD FOR MONITORING THE
MATTER	B23B 27/14	TOTAL AMOUNT OF BRIGHTENERS IN
(73) MacDermid Enthone America LLC	(11) EP2959994	AN ACIDIC COPPER/COPPER ALLOY
(72) PENIK, Stephen E. Jr.	(21) EP14754770.7	PLATING BATH AND CONTROLLED
(31) 201161431675 P	(47) 01.05.2019	PROCESS FOR PLATING
(32) 11.01.2011	(87) JP2014051908	(73) Atotech Deutschland GmbH
(33) United States of America	28.08.2014	(72) MUGLALI, Mutlu-Iskender
(51) C23C 24/04	(22) 29.01.2014	VOSS, Torsten
(11) EP2591145	(54) SURFACE-COATED CUTTING TOOL	KIRBS, Andreas
(21) EP11729840.6	AND PROCESS FOR PRODUCING SAME	(31) 16170304
(47) 01.05.2019	(73) Sumitomo Electric Hardmetal Corp.	(32) 19.05.2016
(87) US2011041317	(72) KANAOKA, Hideaki	(33) European Patent Office (EPO)
12.01.2012	PASEUTH, Anongsack	(51) C25F 1/04
(22) 22.06.2011	OKUNO, Susumu	C25F 3/02
	ICHIKAWA, Takahiro	(11) EP2352864
	(31) 2013032160	(21) EP09783954.2

(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) EP2009063281	(22) 15.01.2010	(87) JP2015075234
22.04.2010	(54) ADAPTIVE IMMUNITY PROFILING	10.03.2016
(22) 12.10.2009	AND METHODS FOR GENERATION OF	(22) 04.09.2015
(54) METHOD AND DEVICE FOR	MONOCLONAL ANTIBODIES	(54) FILAMENT FOR 3D PRINTING
DECONTAMINATING A METAL	(73) Adaptive Biotechnologies Corporation	AND METHOD FOR PRODUCING
SURFACE	(72) WILEY, Steven, R.	CRYSTALLINE SOFT RESIN MOLDED
(73) Commissariat à l'Énergie Atomique et aux	(31) 145039 P	ARTICLE
Énergies Alternatives	(32) 15.01.2009	(73) MCPP Innovation LLC
(72) FULCONIS, Jean-Michel	(33) United States of America	Mitsubishi Chemical Corporation
DELAGRANGE, Jacques	(51) D01D 10/02	(72) ISHIHARA Toshihisa
DALARD, Francis	D01F 6/14	FUROMOTO Shigeyuki
CAIRE, Jean-Pierre	D01F 6/50	(31) 2014181214
(31) 0856911	A61L 27/16	(32) 05.09.2014
(32) 13.10.2008	A61L 27/52	(33) Japan
(33) France	A61L 27/56	(51) D02G 1/12
(51) C30B 11/00	A61L 15/22	D02J 13/00
C30B 29/20	A61L 15/24	(11) EP3322844
(11) EP3066235	A61L 15/42	(21) EP16736429.8
(21) EP14795600.7	A61L 17/10	(47) 01.05.2019
(47) 01.05.2019	A61L 26/00	(87) EP2016065907
(87) EP2014073540	(11) EP2650413	19.01.2017
14.05.2015	(21) EP13001246.1	(22) 06.07.2016
(22) 03.11.2014	(47) 01.05.2019	(54) COOLING DRUM FOR COOLING A
(54) CONTROLLING A TEMPERATURE OF A	(22) 12.03.2013	THREAD PLUG
CRUCIBLE INSIDE AN OVEN	(54) HYDROGELLING FIBRES AND FIBRE	(73) Oerlikon Textile GmbH & Co. KG
(73) EBNER Industrieofenbau GmbH	STRUCTURES	(72) MATTHIES, Claus
(72) JONES, Bernard D.	(73) Carl Freudenberg KG	(31) 102015009040
SKELTON, Dean C.	(72) Schmitz, Wiebke	(32) 13.07.2015
MCGEE, Thomas S.	Schlesselmann, Bernd	(33) Germany
EBNER, Robert	Krampfl, Katharina	(51) D02G 3/00
(31) 201319671	Pehr, Marc	D04H 1/42
(32) 07.11.2013	(31) 102012007307	D02G 1/00
(33) United Kingdom	(32) 13.04.2012	(11) EP3247826
(51) C30B 15/06	(33) Germany	(21) EP16740668.5
C30B 28/10	(51) D01F 6/60	(47) 01.05.2019
C30B 29/06	D01F 6/80	(87) US2016014111
C30B 29/52	B60C 9/00	28.07.2016
C30B 29/64	D02G 3/48	(22) 20.01.2016
C30B 11/00	C08G 69/26	(54) MIGRATION RESISTANT BATTING
C30B 15/00	(11) EP3093379	WITH STRETCH AND METHODS OF
C30B 15/22	(21) EP15735361.6	MAKING AND ARTICLES COMPRISING
C30B 15/24	(47) 01.05.2019	THE SAME
C30B 15/34	(87) JP2015050167	(73) PrimaLoft, Inc.
C30B 35/00	16.07.2015	(72) MASON, Vanessa
C30B 9/00	(22) 06.01.2015	(31) 201562106014 P
(11) EP3305946	(54) POLYAMIDE MULTIFILAMENT FIBER	(32) 21.01.2015
(21) EP17201509.1	AND TIRE CORD INCLUDING SAID	(33) United States of America
(47) 01.05.2019	FIBER	(51) D02G 3/02
(22) 02.03.2011	(73) Asahi Kasei Kabushiki Kaisha	D02G 3/38
(54) REMOVING A SHEET FROM THE	(72) SATO, Yusuke	F16J 15/22
SURFACE OF A MELT USING GAS JETS	NAYUKI, Ryo	D07B 5/00
(73) Varian Semiconductor Equipment	(31) 2014001582	D04B 1/22
Associates, Inc.	2014001602	F16J 15/00
(72) KELLERMAN, Peter L.	2014115639	(11) EP3222777
THRONSON, Gregory D.	(32) 08.01.2014	(21) EP15860143.5
SUN, Dawei	08.01.2014	(47) 01.05.2019
(31) 332073 P	04.06.2014	(87) JP2015071651
201113037789	(33) Japan	26.05.2016
(32) 06.05.2010	Japan	(22) 30.07.2015
01.03.2011	Japan	(54) METHOD FOR PRODUCING YARN
(33) United States of America	(51) D01F 6/86	(73) Nippon Pillar Packing Co., Ltd.
United States of America	B29C 67/00	(72) HAMAGUCHI Ryoji
(51) C40B 50/06	C08G 63/672	NAKAMITSU Hiroyoshi
C12N 5/078	B33Y 10/00	(31) 2014233429
C12Q 1/68	B33Y 70/00	(32) 18.11.2014
(11) EP3059337	(11) EP3189959	(33) Japan
(21) EP16162568.6	(21) EP15837968.5	(51) D02G 3/32

D02G 3/44	(21) EP17176608.2	(21) EP17162159.2
D03D 3/02	(47) 01.05.2019	(47) 01.05.2019
D03D 3/00	(22) 19.06.2017	(22) 21.03.2017
D03D 15/08	(54) MACHINE KNITTING TOOL, IN	(54) CLOTH CLAMPING DEVICE
D03D 15/12	PARTICULAR MACHINE KNITTING	(73) BROTHER KOGYO KABUSHIKI KAISHA
(11) EP2826901	NEEDLE	(72) HARADA, Koichi
(21) EP14175625.4	(73) Groz-Beckert KG	TAGAWA, Yuji
(47) 01.05.2019	(72) Stingel, Uwe	YAMAURA, Hiroki
(22) 03.07.2014	(51) D04H 3/00	(31) 2016058294
(54) Elastic strip material	D02G 3/04	(32) 23.03.2016
(73) Otto Weber Band-GmbH	D02G 3/38	(33) Japan
(72) Siegert, Peter	(11) EP2818588	(51) D06B 1/02
Weber, Lutz	(21) EP14175082.8	D06B 3/28
(31) 202013006459 U	(47) 01.05.2019	D06B 21/00
(32) 18.07.2013	(22) 30.06.2014	D06P 1/00
(33) Germany	(54) Fabric and yarn with oxygenating properties	D06B 5/22
(51) D02G 3/44	(73) Allergosystem S.r.l.	D06B 15/04
(11) EP2877620	(72) Cipriani, Gianfranco	F26B 13/30
(21) EP13747913.5	(31) MI20131095	D06B 3/32
(47) 01.05.2019	(32) 28.06.2013	D06B 5/26
(87) US2013051921	(33) Italy	D06B 15/02
30.01.2014	(51) D04H 5/04	(11) EP3294939
(22) 25.07.2013	B32B 5/26	(21) EP16741526.4
(54) FIBER BLENDS, YARNS, FABRICS, AND	B29C 70/08	(47) 01.05.2019
GARMENTS FOR ARC AND FLAME	D04H 5/12	(87) DE2016000192
PROTECTION	(11) EP3230513	17.11.2016
(73) E. I. du Pont de Nemours and Company	(21) EP15817556.2	(22) 06.05.2016
(72) ZHU, Reiyao	(47) 01.05.2019	(54) METHOD FOR THE TREATMENT OF A
(31) 201213559966	(87) IB2015059439	TEXTILE SUBSTRATE, AND DEVICES
(32) 27.07.2012	16.06.2016	FOR CARRYING OUT SAID METHOD
(33) United States of America	(22) 08.12.2015	(73) Thies GmbH & Co. KG
(51) D04B 1/14	(54) TEXTILE REINFORCEMENT FOR	(72) THIES, Alexander
D03D 15/00	PULTRUSION AND METHOD FOR THE	TIMMER, Berthold
D06P 1/39	PRODUCTION THEREOF	(31) 102015005773
(11) EP2350365	(73) Chomarat, Gilbert	(32) 08.05.2015
(21) EP09821056.0	(72) Chomarat, Gilbert	(33) Germany
(47) 01.05.2019	(31) 1462086	(51) D06F 33/02
(87) US2009060143	(32) 08.12.2014	D06F 39/00
22.04.2010	(33) France	(11) EP3187641
(22) 09.10.2009	(51) D05B 1/08	(21) EP14900871.6
(54) FABRIC INCLUDING POLYURETHANE	B32B 27/12	(47) 01.05.2019
ELASTIC YARN	D05B 93/00	(87) CN2014091309
(73) Invista Technologies S.à.r.l.	(11) EP3404134	03.03.2016
(72) HIETPAS, Geoffrey, D.	(21) EP17020214.7	(22) 17.11.2014
DEWHURST, Robert	(47) 01.05.2019	(54) WASHING MACHINE HAVING
(31) 104898 P	(22) 18.05.2017	BREATHING LAMP SET AND METHOD
(32) 13.10.2008	(54) PROCESS FOR FORMING A SEAM	FOR CONTROLLING THE SAME
(33) United States of America	CONSTRUCTION ON A SUBSTRATE	(73) Foshan Haier Drum Washing Machine Co.
(51) D04B 21/08	(73) Well & David Corp.	Ltd.
D04B 21/20	(72) HSIEH, Ker-Chang	(72) ZHU, Kai
D04B 1/22	CHENG, Chi-Cheng	WANG, Yanli
D04B 1/14	HO, New-Jin	CHEN, Yongchao
(11) EP3216902	(51) D05B 23/00	HUANG, Tao
(21) EP17159974.9	(11) EP3225729	BI, Chunke
(47) 01.05.2019	(21) EP17160503.3	(31) 201410425001
(22) 09.03.2017	(47) 01.05.2019	(32) 26.08.2014
(54) MAINTENANCE ITEM AND CLEANING	(22) 13.03.2017	(33) China
DEVICE INCLUDING SUCH A	(54) LINKING DEVICE AND MACHINE	(51) D06F 39/00
MAINTENANCE ITEM	COMPRISING SAID DEVICE	D06F 58/20
(73) Decitex	(73) Stäubli Italia S.p.A.	F26B 25/00
(72) RIANCHO, Nils	(72) NOCENTI, Robert	(11) EP2772580
(31) 1651971	(31) UA20162241	(21) EP14150081.9
(32) 09.03.2016	(32) 01.04.2016	(47) 01.05.2019
(33) France	(33) Italy	(22) 02.01.2014
(51) D04B 35/02	(51) D05B 33/00	(54) Laundry treating apparatus
D04B 15/06	B65H 3/00	(73) LG Electronics Inc.
D04B 35/04	(11) EP3239379	(72) Kim, Seongkyu
(11) EP3418434		Kim, Myoungjong

Lee, Geunhyung	(54) LAUNDRY DRYER WITH FAN	06.04.2017
Lee, Soonjo	(73) BSH Hausgeräte GmbH	(22) 28.09.2016
Roh, Jeonggeol	(72) Dey, Uwe	(54) PITCH-BASED ULTRAFINE CARBON
Kim, Jongryul	Li, Maoyin	FIBERS, METHOD FOR PRODUCING
Park, Soowon	Xu, Yonggang	SAME, NON-AQUEOUS ELECTROLYTE
Kim, Jongho	You, Qixia	SECONDARY BATTERY NEGATIVE
(31) 20130021184	Zhang, Qi	ELECTRODE USING SAID PITCH-
(32) 27.02.2013	(31) 201610694645	BASED ULTRAFINE CARBON FIBERS,
(33) Korea (Republic)	(32) 19.08.2016	AND NON-AQUEOUS ELECTROLYTE
(51) D06F 39/00	(33) China	SECONDARY BATTERY HAVING
F24C 7/08	(51) D06F 58/24	SAID NON-AQUEOUS ELECTROLYTE
(11) EP1767862	F28F 9/00	SECONDARY BATTERY NEGATIVE
(21) EP06013416.0	F28D 9/00	ELECTRODE
(47) 01.05.2019	F28D 21/00	(73) Teijin Limited
(22) 29.06.2006	D06F 58/22	(72) HIRAKAWA, Ryota
(54) PROCESS FOR OPERATING AN	D06F 25/00	YACHI, Kazuki
ELECTRIC HOUSEHOLD APPLIANCE	(11) EP3118364	KANEMATSU, Asami
AND ELECTRIC HOUSEHOLD	(21) EP1488515.8	(31) 2015192914
APPLIANCE	(47) 01.05.2019	(32) 30.09.2015
(73) Electrolux Home Products Corporation N.V.	(87) CN2014079582	(33) Japan
(72) Strauss, Anja	17.09.2015	(51) D21C 5/00
Käser, Erhard	(22) 10.06.2014	C12P 7/00
(31) 102005043215	(54) DRYER OR WASHER DRYER	C12P 7/40
(32) 09.09.2005	(73) Haier Group Corporation	C07C 65/00
(33) Germany	Qingdao Haier Drum Washing Machine Co.,	C07G 1/00
(51) D06F 39/08	Ltd.	(11) EP3074569
D06F 35/00	(72) LV, Peishi	(21) EP14806579.0
(11) EP3298189	XU, Yonghong	(47) 01.05.2019
(21) EP16723765.0	ZHANG, Lijun	(87) EP2014075680
(47) 01.05.2019	ZHANG, Huacheng	04.06.2015
(87) EP2016061377	JIANG, Yuliang	(22) 26.11.2014
24.11.2016	(31) 201410097912	(54) PROCESS FOR DEPOLYMERIZATION
(22) 20.05.2016	(32) 14.03.2014	OF LIGNIN BY LACCASES
(54) LAUNDRY TREATMENT APPLIANCE	(33) China	(73) Centre National de la Recherche Scientifique
WITH A LYE PUMP	(51) D06M 11/26	(C.N.R.S.)
(73) BSH Hausgeräte GmbH	D01F 6/14	Université de Bordeaux
(72) SKRIPPEK, Jörg	D06M 11/13	Institut Polytechnique de Bordeaux
JURMANN, Rainer	D06M 11/155	(72) GRELIER, Stéphane
MISCHKE, Dirk	D06M 11/28	KOUMBA YOYA, Georges
RÖMER, Raymond	D06M 11/80	(31) 1361718
(31) 102015209287	D06M 101/24	(32) 27.11.2013
(32) 21.05.2015	(11) EP2980307	(33) France
(33) Germany	(21) EP14774183.9	(51) D21C 5/00
(51) D06F 39/10	(47) 01.05.2019	D21H 11/12
C07F 9/02	(87) JP2014055857	(11) EP3380665
D06F 35/00	02.10.2014	(21) EP17801451.0
D06F 39/08	(22) 06.03.2014	(47) 01.05.2019
(11) EP3152355	(54) POLY(VINYL ALCOHOL)-BASED	(87) EP2017079806
(21) EP15794354.9	FIBERS HAVING EXCELLENT	24.05.2018
(47) 01.05.2019	THERMAL AGING RESISTANCE, AND	(22) 20.11.2017
(87) US2015000064	METHOD FOR PRODUCING SAME	(54) METHOD FOR PRODUCING PAPER,
10.12.2015	(73) Kuraray Co., Ltd.	CARDBOARD, OR PAPERBOARD USING
(22) 03.06.2015	(72) YAMAMOTO, Ryo	BAOBAB TREE BARK BAST FIBERS,
(54) LAUNDRY RECIRCULATION AND	KOBAYASHI, Toshiaki	BAOBAB FRUIT FIBERS, AND NATAL
FILTRATION SYSTEM	HAYASHI, Hideo	FIG BAST FIBERS AS PAPERMAKING
(73) Butterworth Industries, Inc.	(31) 2013071106	RAW MATERIALS
(72) BUTTERWORTH, Frank, L.	(32) 29.03.2013	(73) Hope Tree International GmbH
(31) 201461997518 P	(33) Japan	(72) DINZINGER, Lambert Dustin
(32) 03.06.2014	(51) D06M 11/34	(31) 102016222952
(33) United States of America	D01F 9/145	(32) 21.11.2016
(51) D06F 58/02	H01M 4/13	(33) Germany
D06F 58/20	H01M 4/62	(51) D21C 11/00
D06F 25/00	D06M 101/40	B01D 29/37
D06F 58/28	D06M 11/58	B01D 69/02
(11) EP3284858	(11) EP3358072	(11) EP2414585
(21) EP17182738.9	(21) EP16851698.7	(21) EP10759123.2
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(22) 24.07.2017	(87) JP2016078745	(87) SE2010050348

07.10.2010	United Kingdom	(31) 102013022180
(22) 30.03.2010	(51) E01C 13/08	(32) 30.12.2013
(54) METHOD AND ARRANGEMENT FOR CLARIFYING GREEN LIQUOR	D05C 17/02	(33) Germany
(73) Cleanflow Ab	A63C 19/04	(51) E01D 21/06
(72) LINDSTRÖM, Mikael	E01C 5/18	(11) EP3152363
LINDGREN, Christofer	(11) EP3180477	(21) EP14790285.2
BÖRJESON, Lennart	(21) EP15832527.4	(47) 01.05.2019
KÄLLÉN, Lennart	(47) 01.05.2019	(87) IB2014001342
(31) 0950213	(87) FI2015050523	10.12.2015
(32) 02.04.2009	18.02.2016	(22) 06.06.2014
(33) Sweden	(22) 13.08.2015	(54) METHOD FOR BUILDING A BRIDGE AND BRIDGE-BUILDING APPARATUS
(51) D21F 9/00	(54) ARTIFICIAL TURF WITH NON- GRANULAR DAMPING MATERIAL	(73) Soletanche Freyssinet
(11) EP3333315	AND METHOD FOR MANUFACTURING	(72) BIRMINGHAM, Patrick D.
(21) EP16202857.5	SAME	LE TREUT, Brice
(47) 01.05.2019	(73) Salmenautio, Hannu	MELLIÉ, Erik
(22) 08.12.2016	Salmenautio, Timo	GABALDO, Stefano L.
(54) FORMING SECTION	Salmenautio, Anne	(51) E01F 13/08
(73) Valmet Technologies Oy	(72) Salmenautio, Hannu	(11) EP3296465
(72) POIKOLAINEN, Antti	Salmenautio, Timo	(21) EP17188138.6
VIRKKUNEN, Teuvo	Salmenautio, Anne	(47) 01.05.2019
(51) D21G 3/00	(31) 20145715	(22) 28.08.2017
B31F 1/14	(32) 13.08.2014	(54) CAR PARK BARRIER DEVICE
D21G 3/04	(33) Finland	(73) Etablissements Mottez & Cie
(11) EP3399098	(51) E01C 19/00	(72) MOTTEZ, Frédéric
(21) EP18167692.5	E01C 19/48	(31) 1658592
(47) 01.05.2019	(11) EP2620547	(32) 14.09.2016
(22) 17.04.2018	(21) EP13000106.8	(33) France
(54) DOCTOR BLADE HOLDER FOR A CYLINDER, AND SYSTEM COMPRISING A CYLINDER AND A DOCTOR BLADE HOLDER	(47) 01.05.2019	(51) E01H 1/08
(73) Oradoc S.r.l.	(22) 10.01.2013	A47L 5/14
(72) GASPARI, Roberto	(54) Self-propelled construction machine and method for controlling the same	E01H 5/10
ORLANDINI, Andrea	(73) Wirtgen GmbH	A01G 20/47
(31) 201700047269	(72) Fritz, Matthias	F04D 25/06
(32) 03.05.2017	Dahm, Martin	F04D 25/16
(33) Italy	Barimani, Cyrus, Dr.	F04D 27/00
(51) E01B 3/32	Hähn, Günter, Dr.	F04D 29/32
E01B 9/28	(31) 102012001289	F04D 29/54
(11) EP3293308	(32) 25.01.2012	(11) EP3225099
(21) EP16001975.8	(33) Germany	(21) EP17275033.3
(47) 01.05.2019	(51) E01C 19/10	(47) 01.05.2019
(22) 10.09.2016	(11) EP3155172	(22) 08.03.2017
(54) FASTENING SYSTEM FOR RAILWAY RAILS ON CONCRETE SLEEPERS	(21) EP16737690.4	(54) BLOW OPERATION DEVICE
(73) SSL Stahlbeton-Schwellenwerk Linz GmbH	(47) 01.05.2019	(73) Yamabiko Corporation
(72) Pica Peter	(87) US2016012940	(72) Haramoto, Kunihiko
(51) E01B 11/10	21.07.2016	Suzuki, Kenji
E01B 11/12	(22) 12.01.2016	(31) 2016059080
E01B 11/18	(54) RECYCLED ASPHALT PROCESS	(32) 23.03.2016
E01B 9/60	(73) Gencor Industries Inc.	(33) Japan
E01B 35/12	(72) MOLLICK, Joseph	(51) E02B 9/00
B61L 1/02	ELLIOTT, Marc	E02B 17/02
(11) EP3253921	(31) 201562103113 P	(11) EP3384092
(21) EP16703825.6	(32) 14.01.2015	(21) EP15813088.0
(47) 01.05.2019	(33) United States of America	(47) 01.05.2019
(87) GB2016050236	(51) E01C 19/28	(87) FR2015053318
11.08.2016	(11) EP3092341	08.06.2017
(22) 02.02.2016	(21) EP14824367.8	(22) 03.12.2015
(54) A RAIL CLAMP	(47) 01.05.2019	(54) METHOD FOR INSTALLING AND REMOVING A CARRIER BASE
(73) Codium Limited	(87) EP2014003330	(73) Guinard Energies Sarl
(72) DIXON, Ian	09.07.2015	(72) MERMIER, Laurent
(31) 201501794	(22) 11.12.2014	(51) E02B 9/08
201503369	(54) SOIL COMPACTION SLEEVE, ROLLER HAVING SUCH A SOIL COMPACTION SLEEVE AND METHOD FOR SOIL COMPACTION	H02K 7/14
(32) 03.02.2015	(73) BOMAG GmbH	H02K 7/18
27.02.2015	(72) ACKERMANN, Hans Peter	F03B 13/26
(33) United Kingdom	FEILS, Gregor	(11) EP3201464
		(21) EP15782026.7
		(47) 01.05.2019

- (87) GB2015052892
07.04.2016
- (22) 02.10.2015
- (54) TIDAL POWER GENERATION AND STORAGE SYSTEM AND METHOD OF CONSTRUCTING A RESERVOIR FOR SUCH A SYSTEM
- (73) Tse, Kwong Shing
(72) Tse, Kwong Shing
(31) 201417538
(32) 03.10.2014
(33) United Kingdom
-
- (51) E02B 15/10
E02B 15/04
B63B 35/32
- (11) EP3049575
(21) EP14848650.9
(47) 01.05.2019
- (87) FI2014050703
02.04.2015
(22) 15.09.2014
- (54) A METHOD AND AN APPARATUS FOR COLLECTING OIL FROM A SURFACE OF WATER
- (73) Lamor Corporation Ab
(72) NORDSTRÖM, Lauri
(31) 20135966
(32) 27.09.2013
(33) Finland
-
- (51) E02D 29/02
- (11) EP3320149
(21) EP16744806.7
(47) 01.05.2019
- (87) FR2016051698
12.01.2017
(22) 05.07.2016
- (54) MOULDING INSERT AND FACING BLOCK WITH SUCH AN INSERT
- (73) TERRE ARMEE INTERNATIONALE
(72) FREITAG, Nicolas
BENNANI, Yassine
- (31) 1556425
(32) 07.07.2015
(33) France
-
- (51) E02F 3/36
- (11) EP2573278
(21) EP12181235.8
(47) 01.05.2019
(22) 21.08.2012
- (54) Tool carrier
- (73) Deere & Company
(72) Le Roux, Gwennael
Faivre, Damien
- (31) 102011083350
(32) 23.09.2011
(33) Germany
-
- (51) E02F 3/40
B02C 1/04
E02F 3/36
B02C 1/02
- (11) EP3320150
(21) EP16757069.6
(47) 01.05.2019
- (87) IB2016054137
12.01.2017
(22) 11.07.2016
- (54) A CRUSHER BUCKET WITH JAWS
- (73) Meccanica Breganzese S.p.A. In Breve Mb S.p.A.
(72) AZZOLIN, Diego
AZZOLIN, Guido
- (31) UB20152029
(32) 09.07.2015
(33) Italy
-
- (51) E02F 3/96
E02F 9/28
E04G 23/08
- (11) EP1939362
(21) EP06127227.4
(47) 01.05.2019
(22) 27.12.2006
- (54) Work tool comprising a releasable tooth mounted on a tooth support member
- (73) Caterpillar Work Tools B. V.
(72) van Gemert, John
-
- (51) E02F 9/12
E02F 9/20
G05B 13/02
B66C 23/84
E02D 17/13
- (11) EP2770117
(21) EP14154296.9
(47) 01.05.2019
(22) 07.02.2014
- (54) Electrical swivel working machine
- (73) Sumitomo (S.H.I.) Construction Machinery Co., Ltd.
(72) Shiratani, Ryuji
Sano, Kiminori
Kurosawa, Ryota
- (31) 2013036296
(32) 26.02.2013
(33) Japan
-
- (51) E02F 9/20
B60W 10/30
E02F 9/22
F02D 29/04
- (11) EP2889433
(21) EP14198327.0
(47) 01.05.2019
(22) 16.12.2014
- (54) System and method of controlling vehicle of construction equipment
- (73) Doosan Infracore Co., Ltd.
(72) Kim, Dong Mok
Cho, Lee Hyoung
- (31) 20130160118
20140124288
(32) 20.12.2013
18.09.2014
(33) Korea (Republic)
Korea (Republic)
-
- (51) E02F 9/20
E02F 9/22
E02F 3/96
E02F 9/12
E02F 9/26
- (11) EP2597207
(21) EP11809674.2
(47) 01.05.2019
- (87) JP2011066483
26.01.2012
(22) 20.07.2011
- (54) HYBRID CONSTRUCTION MACHINE
- (73) Hitachi Construction Machinery Co., Ltd.
- (72) NISHIKAWA Shinji
HIROKI Takenori
ISHIKAWA Kouji
EDAMURA Manabu
SATAKE Hidetoshi
OOKI Takatoshi
- (31) 2010166409
(32) 23.07.2010
(33) Japan
-
- (51) E02F 9/22
E02F 9/26
B66F 9/22
F15B 20/00
G05B 23/00
B66F 11/04
F15B 19/00
G05B 23/02
- (11) EP2990544
(21) EP15186440.2
(47) 01.05.2019
(22) 05.03.2012
- (54) FAULT DETECTION, ISOLATION AND RECONFIGURATION SYSTEM FOR CONTROLLING ELECTROHYDRAULIC SYSTEMS USED IN CONSTRUCTION MACHINES
- (73) Eaton Corporation
(72) Yuan, Qinghui
Rannow, Michael Berne
Gehlhoff, Wade Leo
Schottler, Christoph William
Mahulkar, Vishal
- (31) 201161448742 P
(32) 03.03.2011
(33) United States of America
-
- (51) E02F 9/24
B66C 23/88
B66F 17/00
E02F 3/32
E02F 3/96
F16L 1/11
G05B 11/01
E02F 9/26
- (11) EP2963192
(21) EP15174738.3
(47) 01.05.2019
(22) 01.07.2015
- (54) A COMPUTER-IMPLEMENTED METHOD FOR PROVIDING A WARNING TO A MATERIAL HANDLING MACHINE OPERATOR
- (73) JC Bamford Excavators Ltd
(72) Harper, Lee
Layton, Phil
- (31) 201411799
(32) 02.07.2014
(33) United Kingdom
-
- (51) E02F 9/28
A01B 15/06
A01B 23/02
- (11) EP2512211
(21) EP10837946.2
(47) 01.05.2019
- (87) NO2010000461
23.06.2011
(22) 15.12.2010
- (54) WEAR PART DEVICE FOR A WORK TOOL

(73) Kverneland Group Operations Norway AS Skjæveland, Magne	(33) France	E06B 1/68
(72) SKJÆVELAND, Magne	(51) E04B 1/68	(11) EP2853653
(31) 20093547	(11) EP3179003	(21) EP14169426.5
(32) 17.12.2009	(21) EP16203272.6	(47) 01.05.2019
(33) Norway	(47) 01.05.2019	(22) 22.05.2014
(51) E02F 9/28	(22) 09.12.2016	(54) Strip
E02F 3/58	(54) SEALING STRIP FOR SEALING A BUILDING	(73) Braun, August
E02F 3/36	(73) tremco illbruck GmbH	(72) Braun, August
E02F 3/80	(72) Komma, Markus	(31) 102013108920
B23Q 3/10	Windl, Hans-Jürgen	202013011085 U
E02F 3/815	(31) 102015121611	(32) 19.08.2013
(11) EP1954892	(32) 11.12.2015	09.12.2013
(21) EP06817575.1	(33) Germany	(33) Germany
(47) 01.05.2019	(33) Germany	Germany
(87) AU2006001833	(51) E04B 1/76	(51) E04F 13/075
07.06.2007	E04B 1/94	E04F 13/08
(22) 01.12.2006	(11) EP2855789	E04B 1/76
(54) FASTENING ASSEMBLY	(21) EP13709062.7	E04F 13/24
(73) KEECH CASTINGS AUSTRALIA PTY. LIMITED	(47) 01.05.2019	(11) EP2706165
(72) KEECH, Garth Alexander	(87) EP2013053350	(21) EP13183025.9
(31) 2005906790	28.11.2013	(47) 01.05.2019
(32) 02.12.2005	(22) 20.02.2013	(22) 04.09.2013
(33) Australia	(54) HIGH-PERFORMANCE HEAT- INSULATING PANEL	(54) Method for installing dry cladding on a flat structural surface, insulation panel for use in such a method and method for producing such an insulation panel
(51) E03C 1/04	(73) puren GmbH	(73) IsoBouw Systems B.V.
F16K 11/00	(72) BOMMER, Hans	(72) Van Keijsteren, Robert Johannes Antonius
F16K 27/04	BÄRTLE, Alois	Eilers, Gerardus Wilhelmus Jozef
(11) EP3109521	(31) 102012010265	Van der Burgt, Petrus Henricus Johannes
(21) EP16175148.2	(32) 25.05.2012	Rensen, Petrus Frederikus Maria
(47) 01.05.2019	(33) Germany	Buijk, Christianus Marcus Gijsbertus Maria
(22) 17.06.2016	(51) E04B 2/74	(31) 2009420
(54) FAUCET VALVE HOUSING ASSEMBLY	F16B 12/20	(32) 05.09.2012
(73) Kohler Co.	F16B 12/02	(33) Netherlands
(72) Tasserit, Anael	F16B 7/18	(51) E04F 13/08
Lamoureux, Remy	A47B 96/04	(11) EP3290617
Doussinaud, Thomas	(11) EP3121344	(21) EP16187405.2
Nollet, Mickael	(21) EP16177635.6	(47) 01.05.2019
(31) 201562183600 P	(47) 01.05.2019	(22) 06.09.2016
(32) 23.06.2015	(22) 01.07.2016	(54) U-SHAPED CONSOLE WITH INSERTABLE HANDLE PANELS
(33) United States of America	(54) PARTITION EQUIPMENT	(73) HILTI Aktiengesellschaft
(51) E03C 1/126	(73) Expo Profile	(72) Pavelka, Miroslav
(11) EP3350380	(72) Hardy, Georges	Linsenbolz, Sebastian
(21) EP16791340.9	(31) 1556858	Hruby, Jürgen
(47) 01.05.2019	(32) 20.07.2015	Sipos, Tamas
(87) EP2016075389	(33) France	(51) E04F 15/024
04.05.2017	(51) E04D 1/18	E04F 15/22
(22) 21.10.2016	E04D 1/20	E04F 15/02
(54) METHOD OF DESINFECTING A DRAIN TRAP	E04D 1/30	(11) EP2754773
(73) Boga Gerätetechnik GmbH	H02S 20/25	(21) EP13198381.9
Karmrodt, Uwe	F24S 80/00	(47) 01.05.2019
(72) KARMRODT, Uwe	F24S 25/613	(22) 19.12.2013
(31) 102015118193	F24S 25/60	(54) Substructure for a floor covering
(32) 26.10.2015	E04D 13/10	(73) Novo-Tech GmbH & Co. KG
(33) Germany	E04D 13/12	(72) Sasse, Holger
(51) E03F 5/04	(11) EP2330256	(31) 102013100334
(11) EP2868821	(21) EP10015349.3	102013108470
(21) EP14190908.5	(47) 01.05.2019	(32) 14.01.2013
(47) 01.05.2019	(22) 07.12.2010	06.08.2013
(22) 29.10.2014	(54) Roof tile with a variable fixing element for roof attachments	(33) Germany
(54) Gully with filter device	(73) Kaltner, Josef	Germany
(73) Véolia Eau - Compagnie Générale des Eaux	(72) Kaltner, Josef	(51) E04F 17/02
(72) Salic, Christian	(31) 202009016504 U	C04B 111/28
Peuchot, Christophe	(32) 07.12.2009	C04B 111/56
Ginisty, Pascal	(33) Germany	C04B 28/26
(31) 1360706	(51) E04F 13/06	(11) EP2103578
(32) 31.10.2013	E06B 1/62	

(21) EP09003665.8	12.01.2012	(21) EP16734731.9
(47) 01.05.2019	(22) 06.07.2011	(47) 01.05.2019
(22) 13.03.2009	(54) PUSH ON SYSTEM FOR REPAIRING STRUCTURES	(87) IB2016052854
(54) CONSTRUCTION UNIT FOR SET-UP OF AN EXHAUST MADE FROM A REACTION HARDENED FIBRE COMPOSITE MATERIAL	(73) CFS Concrete Forming Systems Inc.	(22) 17.05.2016
(73) ERLUS AKTIENGESELLSCHAFT	(72) RICHARDSON, George David	(54) SEISMIC ISOLATOR DEVICE
(72) Hugo, Hubacek	KRIVULIN, Semion	(73) Università Degli Studi Di Salerno
Rüdiger, Grau	FANG, Zi Li	(72) FRATERNALI, Fernando
Josef, Voith	(31) 361833 P	(31) UB20150803
Markus, Schulte	(32) 06.07.2010	(32) 18.05.2015
(31) 102008016412	(33) United States of America	(33) Italy
(32) 14.03.2008	(51) E04H 4/08	(51) E05B 5/02
(33) Germany	A61H 33/00	E05B 13/10
(51) E04F 21/22	(11) EP3228781	E05B 1/00
(11) EP2483497	(21) EP17164174.9	E05B 63/00
(21) EP10776291.6	(47) 01.05.2019	(11) EP2653636
(47) 01.05.2019	(22) 31.03.2017	(21) EP13163018.8
(87) EP2010005953	(54) SPA WITH A MOVEMENT ASSISTANCE DEVICE FOR THE SPA COVER	(47) 01.05.2019
06.01.2011	(73) Leisure Concepts, Inc.	(22) 10.04.2013
(22) 30.09.2010	(72) Genova, Michael C.	(54) Pivoted lever closure with a pivoted lever configured for variable locking means
(54) Use of a laying aid for tiles	(31) 201615090808	(73) EMKA BESCHLAGTEILE GmbH & Co. KG
(72) HILLEBRANDT, Wolfgang	(32) 05.04.2016	(72) Grunert, Martin
(31) 102009043465	(33) United States of America	(31) 202012101452 U
(32) 30.09.2009	(51) E04H 4/12	(32) 19.04.2012
(33) Germany	(11) EP3216946	(33) Germany
(51) E04G 1/24	(21) EP16159672.1	(51) E05B 15/02
E04G 1/30	(47) 01.05.2019	(11) EP2694763
E04G 5/16	(22) 10.03.2016	(21) EP11722929.4
E06C 7/14	(54) GUTTER FOR POOL, INFINITY POOL AND METHOD OF EXECUTION OF AN INFINITY POOL	(47) 01.05.2019
E06C 7/42	(73) ABP - AQUILINA BOUVIER POOL	(87) IT2011000106
F16B 2/18	(72) Aquilina, Yann	11.10.2012
F16B 7/04	Bouvier, Matthieu	(22) 08.04.2011
E06C 1/397	(51) E04H 4/16	(54) ADJUSTABLE STRIKE PLATE FOR LOCKS
F16B 7/14	(11) EP3034718	(73) CISA S.p.A.
E06C 1/39	(21) EP15195875.8	(72) MISIROCCHI, Andrea
F16B 2/04	(47) 01.05.2019	FUSTINI, Fausto
F16B 7/18	(22) 23.11.2015	(51) E05B 15/02
(11) EP3336279	(54) POOL CLEANER CONSTRUCTION	E05B 1/00
(21) EP17188690.6	(73) Compurobot Technology Company	E05B 65/02
(47) 01.05.2019	(72) HUI, Wing-tak	(11) EP2735675
(22) 31.08.2017	HUI, Andrew Matthew	(21) EP13192892.1
(54) MOBILE SCAFFOLDING	HUI, Wing-kin	(47) 01.05.2019
(73) Gierre S.r.L.	(31) 201414571600	(22) 14.11.2013
(72) TURRISI, Giorgio	(32) 16.12.2014	(54) CLOSURE DEVICE FOR DOORS WITH AN ASYMMETRIC ESCUTCHEON
(31) 201600127908	(33) United States of America	(73) EMKA BESCHLAGTEILE GmbH & Co. KG
(32) 19.12.2016	(51) E04H 4/16	(72) Skopnik, Jörg
(33) Italy	(11) EP3301243	Grunert, Martin
(51) E04G 11/48	(21) EP17192527.4	(31) 102012111389
(11) EP3114292	(47) 01.05.2019	(32) 26.11.2012
(21) EP15758062.2	(22) 22.09.2017	(33) Germany
(47) 01.05.2019	(54) SWIMMING POOL CLEANING VEHICLE WITH SIDE INTAKE FLAPS AND METHOD THEREFOR	(51) E05B 15/02
(87) AU2015000117	(73) Profit Lock Limited	E05B 85/04
11.09.2015	(72) HUI, Wing-kin	(11) EP3341541
(22) 03.03.2015	HUI, Wing-tak	(21) EP16770677.9
(54) A FORMWORK SUPPORT STRUCTURE	HUI, Andrew Matthew	(47) 01.05.2019
(73) Form 700 Pty Ltd	(31) 201615274250	(87) DE2016100367
(72) ROSATI, Emilio	(32) 23.09.2016	09.03.2017
(31) 2014900721	(33) United States of America	(22) 16.08.2016
(32) 04.03.2014	(51) E04H 9/02	(54) LOCK HOLDER FOR A MOTOR VEHICLE LOCK
(33) Australia	(51) E04B 1/98	(73) Kiekert AG
(51) E04G 23/02	F16F 7/00	(72) BENDEL, Thorsten
E04F 13/24	(11) EP3298217	(31) 102015114357
(11) EP2591186		
(21) EP11803054.3		
(47) 01.05.2019		
(87) CA2011050414		

(32) 28.08.2015	(54) DOOR WITH MANUALLY	(33) Austria
(33) Germany	ACTUATABLE HANDLE	(51) E05B 63/24
(51) E05B 17/00	(73) Hörmann KG Eckelhausen	E05B 81/66
E05B 85/06	(72) Hörmann J., Martin	E05B 83/36
E05B 29/00	(31) 102010027298	E05C 7/04
(11) EP3258037	102010032639	E05B 65/10
(21) EP16305714.4	(32) 16.07.2010	E05B 47/00
(47) 01.05.2019	29.07.2010	(11) EP2921617
(22) 13.06.2016	(33) Germany	(21) EP15157494.4
(54) BOLT FOR LOCK MECHANISM OF A	Germany	(47) 01.05.2019
MOTOR VEHICLE	(51) E05B 47/00	(22) 04.03.2015
(73) U-Shin France	E05C 7/04	(54) LOCKING DEVICE
(72) DESEGHER, Emilien	E05C 9/04	(73) Siemens Mobility GmbH
(51) E05B 17/14	(11) EP3118396	(72) Häußler, Andreas
E05B 81/90	(21) EP16178545.6	(31) 102014205239
E05B 79/06	(47) 01.05.2019	(32) 20.03.2014
(11) EP3128108	(22) 08.07.2016	(33) Germany
(21) EP16175987.3	(54) EDGE BOLT WITH AN ELECTRIC	(51) E05B 65/10
(47) 01.05.2019	MOTOR	E05B 63/04
(22) 23.06.2016	(73) Heinrich Strenger GmbH & Co. KG	E05B 47/00
(54) HANDLE UNIT	(72) Schmitz, Markus	E05B 47/06
(73) Huf Hülsbeck & Fürst GmbH & Co. KG	(31) 202015103708 U	E05B 41/00
(72) MATHOFER, Herr Reinhold	(32) 15.07.2015	(11) EP3219887
(31) 102015112953	(33) Germany	(21) EP17160805.2
(32) 06.08.2015	(51) E05B 47/06	(47) 01.05.2019
(33) Germany	E05B 55/00	(22) 14.03.2017
(51) E05B 17/18	E05B 13/00	(54) UNIVERSAL ANTI-PANIC PRESSURE
E05C 3/04	E05B 17/00	ROD
E05B 41/00	E05B 9/00	(73) ASSA ABLOY Sicherheitstechnik GmbH
(11) EP3358110	(11) EP2995753	(72) RITTINGER, Peter
(21) EP17154217.8	(21) EP14184118.9	(31) 102016104765
(47) 01.05.2019	(47) 01.05.2019	(32) 15.03.2016
(22) 01.02.2017	(22) 09.09.2014	(33) Germany
(54) TENSION FASTENER WITH CLOSABLE	(54) Lock for a door	(51) E05B 65/46
LID	(73) BKS GmbH	E05B 47/06
(73) EMKA BESCHLAGTEILE GmbH & Co.	(72) Hennecke, Gerhard	E05C 3/24
KG	Kern, Alexander	E05B 83/18
(72) Rieboldt, Gerd	Paunovic, Predrag	(11) EP3215697
Alan, Turgan	Kratz, Benjamin	(21) EP15794798.7
(51) E05B 37/00	Teubner, Uwe	(47) 01.05.2019
G07C 9/00	(51) E05B 63/16	(87) US2015059489
E05B 47/00	E05B 65/10	12.05.2016
E05B 49/00	E05B 63/00	(22) 06.11.2015
E05B 63/00	(11) EP3339540	(54) CAM LATCH
(11) EP2389489	(21) EP17000076.4	(73) SOUTHCO, INC.
(21) EP10733752.9	(47) 01.05.2019	(72) GARNEAU, Gregory, Gilbert
(47) 01.05.2019	(22) 17.01.2017	(31) 201414535790
(87) US2010020600	(54) LOCK	(32) 07.11.2014
29.07.2010	(73) Wilh. Schlechtendahl & Söhne GmbH & Co.	(33) United States of America
(22) 11.01.2010	KG	(51) E05B 77/06
(54) SELF-POWERD ELECTRONIC LOCK	(72) Hödtke, Dirk	E05B 79/08
(73) Lock II, L.L.C.	Knickenberg, Thomas	E05B 79/06
(72) HARVEY, Michael, P.	Schramm, Marcel	F16F 1/12
(31) 356324	Schuster, Tobias	E05B 15/04
(32) 20.01.2009	(31) 16002733	(11) EP3173552
(33) United States of America	(32) 23.12.2016	(21) EP16201458.3
(51) E05B 47/00	(33) European Patent Office (EPO)	(47) 01.05.2019
E05B 47/02	(51) E05B 63/20	(22) 30.11.2016
E05B 1/00	(11) EP2927400	(54) VEHICLE HANDLE DEVICE
E05B 63/20	(21) EP15161269.4	(73) AISIN SEIKI KABUSHIKI KAISHA
E05B 53/00	(47) 01.05.2019	(72) NAGATA, Koichi
E05C 9/18	(22) 27.03.2015	ARAKI, Nobukazu
E05B 15/02	(54) LOCK	HASEGAWA, Jun
(11) EP2407617	(73) ROTO FRANK AG	(31) 2015233231
(21) EP11171644.5	(72) Trummer, Hannes	(32) 30.11.2015
(47) 01.05.2019	Bachatz, Stefan	(33) Japan
(22) 28.06.2011	(31) 502322014	(51) E05B 77/34
	(32) 31.03.2014	

E05B 81/54	(47) 01.05.2019	MAZEJ, Andrej
E05B 85/02	(87) EP2007007524	(31) 102015112633
E05B 81/64	08.05.2008	(32) 31.07.2015
H02K 5/10	(22) 29.08.2007	(33) Germany
(11) EP3037611	(54) HINGE ARRANGEMENT FOR DOORS,	(51) E05D 15/58
(21) EP15202080.6	WINDOWS OR THE LIKE	E05F 15/646
(47) 01.05.2019	(73) Dr. Hahn GmbH & Co. KG	E05F 15/652
(22) 22.12.2015	(72) LENZE, Markus	E05D 15/56
(54) ELECTRIC COMPONENTS FOR A	(31) 202006016738 U	(11) EP3112569
CLOSURE ELEMENT OF A MOTOR	(32) 30.10.2006	(21) EP16177053.2
VEHICLE	(33) Germany	(47) 01.05.2019
(73) Brose Schliesssysteme GmbH & Co. KG	(51) E05D 7/12	(22) 30.06.2016
(72) Reinert, Jörg	E05D 3/14	(54) OPERATING DEVICE FOR OPERATING
(31) 102014119478	E05D 7/04	A WALL PART
(32) 23.12.2014	(11) EP2853667	(73) HM Veiligheidsbeslag B.V.
(33) Germany	(21) EP13793386.7	(72) Musters, Johannes Maria
(51) E05B 81/20	(47) 01.05.2019	(31) 2015054
E05B 81/14	(87) JP2013063270	(32) 30.06.2015
E05B 77/42	28.11.2013	(33) Netherlands
E05B 85/26	(22) 13.05.2013	(51) E05F 3/22
(11) EP3194694	(54) HINGE DEVICE	(11) EP2732117
(21) EP15762981.7	(73) Sugatsune Kogyo Co. Ltd.	(21) EP12727297.9
(47) 01.05.2019	(72) ARAI Masato	(47) 01.05.2019
(87) EP2015070760	TAKAMATSU Shingo	(87) EP2012002283
24.03.2016	OSHIMA Kazuyoshi	17.01.2013
(22) 10.09.2015	(31) 2012115486	(22) 30.05.2012
(54) LOCK WITH A PRE-CLOCKING	(32) 21.05.2012	(54) SWING DOOR ACTUATOR LINK ARM
POSITION AND A FULLY LOCKING	(33) Japan	(73) dormakaba Deutschland GmbH
POSITION	(51) E05D 15/06	(72) WILDFÖRSTER, Thomas
(73) Bayerische Motoren Werke	(11) EP2878750	(31) 102011051819
Aktiengesellschaft	(21) EP13194787.1	102011056961
(72) KOESTLER, Ulrich	(47) 01.05.2019	(32) 13.07.2011
KIEFERL, Anton	(22) 28.11.2013	23.12.2011
(31) 102014218467	(54) ADAPTER FOR HOLDING A CARRIAGE	(33) Germany
(32) 15.09.2014	OF A SLIDING WING	Germany
(33) Germany	(73) ROTO FRANK AG	(51) E05F 5/00
(51) E05C 9/18	(72) Rivera, Gonzalo	E05F 1/12
E05B 15/02	Pfeiffer, Ulrich	E05D 7/12
(11) EP3320165	(51) E05D 15/06	E05D 11/10
(21) EP16751562.6	E05D 15/26	E05F 5/10
(47) 01.05.2019	(11) EP2781677	(11) EP3290624
(87) EP2016068895	(21) EP14172627.3	(21) EP16892370.4
16.02.2017	(47) 01.05.2019	(47) 01.05.2019
(22) 08.08.2016	(22) 29.07.2010	(87) CN2016108224
(54) CLOSING PART	(54) Bogey assembly	08.09.2017
(73) MACO Technologie GmbH	(73) Allegion (UK) Limited	(22) 01.12.2016
(72) DUCHAC, Robin	(72) Pelekanos, Stylianos	(54) DOOR HINGE HAVING DAMPING
(31) 102015113394	(31) 2009903608	FUNCTION
(32) 13.08.2015	2009906264	(73) Liang, Yelin
(33) Germany	2009251170	(72) Liang, Yelin
(51) E05C 9/20	(32) 31.07.2009	(31) 201610122737
(11) EP3119968	23.12.2009	(32) 04.03.2016
(21) EP15706400.7	23.12.2009	(33) China
(47) 01.05.2019	(33) Australia	(51) E05F 11/54
(87) EP2015053172	Australia	E05D 15/16
24.09.2015	Australia	E06B 11/04
(22) 16.02.2015	(51) E05D 15/24	E05F 15/665
(54) METHOD FOR THE COUPLING OF	(11) EP3329075	E06B 11/02
FITTINGS	(21) EP16741323.6	E05F 15/673
(73) KFV Karl Fliether GmbH & Co. KG	(47) 01.05.2019	E05D 13/00
(72) HÖRTER, Torsten	(87) EP2016067419	(11) EP3090117
(31) 102014003754	09.02.2017	(21) EP14833603.5
(32) 18.03.2014	(22) 21.07.2016	(47) 01.05.2019
(33) Germany	(54) ROLLING DOOR ASSEMBLY WITHOUT	(87) PL2014000163
(51) E05D 5/02	A POLYGON EFFECT	09.07.2015
E05D 7/04	(73) EFAFLEX INZENIRING d.o.o. Ljubljana	(22) 30.12.2014
(11) EP2084356	(72) LETONJE, Jurij	(54) GATE WITH COUNTERWEIGHT AND
(21) EP07801946.0	ZUMER, Jurij	LOWERING EXCHANGEABLE SPAN

(73) Kühnl-Kinel, Jacek	(51) E06B 7/23	(31) 691043
(72) Kühnl-Kinel, Jacek	E06B 3/70	(32) 21.01.2010
(31) 40678314	(11) EP2607600	(33) United States of America
41078414	(21) EP12004510.9	(51) E21B 4/02
(32) 03.01.2014	(47) 01.05.2019	F03B 13/02
29.12.2014	(22) 14.06.2012	(11) EP3080379
(33) Poland	(54) Apparatus for flood-proofing a garage with a	(21) EP14880598.9
Poland	single panel garage door	(47) 01.05.2019
(51) E05F 13/04	(73) Vartanian, Markar	(87) US2014013926
E05F 1/02	(72) Vartanian, Markar	06.08.2015
E05F 1/16	(31) 201106637	(22) 30.01.2014
(11) EP2711494	(32) 20.04.2011	(54) NUTATING FLUID-MECHANICAL
(21) EP12782888.7	(33) United Kingdom	ENERGY CONVERTER TO POWER
(47) 01.05.2019	(51) E06B 9/17	WELLBORE DRILLING
(87) JP2012062212	(11) EP2636839	(73) Halliburton Energy Services, Inc.
15.11.2012	(21) EP13157560.7	(72) MEHTA, Krunal Kanubhai
(22) 11.05.2012	(47) 01.05.2019	POYYARA, Ragi Lohidakshan
(54) STEP PLATE MECHANISM FOR DOOR	(22) 04.03.2013	RAWOOL, Amitkumar Suresh
OPENING AND CLOSING DEVICE	(54) Structural part for a roller shutter housing	(51) E21B 7/00
(73) miimo Ltd.	(73) EXTE GmbH	E21B 10/44
Nakano, Yasuo	(72) Friedl, Dan	(11) EP2876246
(72) Nakano, Yasuo	(31) 102012101895	(21) EP13193903.5
(31) 2011106537	(32) 06.03.2012	(47) 01.05.2019
2011106538	(33) Germany	(22) 21.11.2013
(32) 11.05.2011	(51) E06B 9/72	(54) Auger drive for drilling into soil
11.05.2011	E06B 9/68	(73) BAUER Maschinen GmbH
(33) Japan	E06B 9/24	(72) Kraxenberger, Johann Heinrich
Japan	G08C 17/02	Schweiger, Manfred
(51) E06B 1/18	(11) EP3283721	Braun, Roland Arthur
E06B 1/60	(21) EP16716230.4	Haas, Josef
E06B 3/82	(47) 01.05.2019	(51) E21B 7/02
E06B 3/273	(87) EP2016058213	(11) EP3382139
(11) EP2447458	20.10.2016	(21) EP17163583.2
(21) EP11182260.7	(22) 14.04.2016	(47) 01.05.2019
(47) 01.05.2019	(54) MOTORISED DRIVE DEVICE FOR A	(22) 29.03.2017
(22) 21.09.2011	CLOSURE OR SOLAR PROTECTION	(54) DRILLING APPARATUS AND METHOD
(54) FRAME ROD, FRAME AND DOOR	HOME-AUTOMATION FACILITY,	FOR PRODUCING A BOREHOLE
(73) Hörmann KG Freisen	ASSOCIATED HOME-AUTOMATION	(73) Klemm Bohrtechnik GmbH
(72) Schwarz, Patrick	FACILITY AND METHOD FOR	(72) HAGEMEYER, Carl
(31) 102010049762	CONTROLLING THE OPERATION OF	(51) E21B 17/04
(32) 29.10.2010	SUCH A DEVICE	(11) EP2800859
(33) Germany	(73) SIMU	(21) EP12822742.8
(51) E06B 3/67	(72) CARVALHEIRO, Emmanuel	(47) 01.05.2019
(11) EP3309343	(31) 1553317	(87) US2012000347
(21) EP16193208.2	(32) 15.04.2015	14.02.2013
(47) 01.05.2019	(33) France	(22) 09.08.2012
(22) 11.10.2016	(51) E06B 11/02	(54) SUCKER ROD APPARATUS AND
(54) GLAZING ARRANGEMENT	E05B 65/08	METHOD
(73) Lammin Ikkuna Oy	E05B 83/36	(73) Finalrod IP, LLC
(72) Mökkönen, Marko	E05B 53/00	(72) RUTLEDGE, Russell, P.
(51) E06B 7/16	E05F 15/632	RUTLEDGE, Russell, P. Jr.
E05D 11/00	E05B 63/00	RUTLEDGE, Ryan, B.
E05D 5/02	E05B 1/00	(31) 201113136715
(11) EP1820932	E05B 47/00	201213385410
(21) EP07003329.5	(11) EP2526248	(32) 09.08.2011
(47) 01.05.2019	(21) EP11735082.7	17.02.2012
(22) 16.02.2007	(47) 01.05.2019	(33) United States of America
(54) Fitting construction and window, door or	(87) US2011021667	United States of America
similar with such a fitting construction	28.07.2011	(51) E21B 17/042
(73) Raico Bautechnik GmbH	(22) 19.01.2011	(11) EP3234298
(72) Herrn Strobel, Bernd	(54) SLIDING DOOR LOCK WITH DUAL	(21) EP15810657.5
(31) 202006002702 U	BREAK-OUT RELEASE	(47) 01.05.2019
202006009095 U	(73) Stanley Black & Decker, Inc.	(87) EP2015080088
(32) 17.02.2006	(72) LALIBERTE, Ronald, R.	23.06.2016
09.06.2006	DELEONARDIS, Peter	(22) 16.12.2015
(33) Germany	BARONE, Michael, Robert	(54) THREADED CONNECTION
Germany	SALVIETTI, Michael, Arthur	(73) Vallourec Oil and Gas France
	DONEWALD, Blair, Eugene	

Nippon Steel & Sumitomo Metal Corporation	(73) BiSN Tec Limited	29.09.2016
(72) MARTIN, Pierre	(72) CARRAGHER, Paul	(22) 17.02.2016
(31) 1463007	(31) 201414565	(54) METHOD AND APPARATUS FOR
(32) 19.12.2014	201505750	EARLY DETECTION OF KICKS
(33) France	(32) 15.08.2014	(73) Board of Regents, The University of Texas
(51) E21B 19/10	02.04.2015	System
B63B 35/44	(33) United Kingdom	Beaman, Joseph Jefferson
E21B 15/02	United Kingdom	BP Corporation North America Inc.
E21B 19/00	(51) E21B 33/13	Fish, Scott
E21B 19/06	E21B 43/26	Foti, David Anthony
E21B 19/16	E21B 21/06	Winters, Warren Jefferson
(11) EP3284901	(11) EP3052749	(72) BEAMAN, Joseph Jefferson
(21) EP17183088.8	(21) EP14861636.0	FISH, Scott
(47) 01.05.2019	(47) 01.05.2019	FOTI, David Anthony
(22) 27.05.2014	(87) IB2014065049	WINTERS, Warren Jefferson
(54) DRILLING VESSEL	21.05.2015	(31) 201562117061 P
(73) Itrec B.V.	(22) 03.10.2014	(32) 17.02.2015
(72) ROODENBURG, Joop	(54) METHOD OF PROVIDING A BOREHOLE	(33) United States of America
van DUIVENDIJK, Pieter Dirk Melis	FLUID COMPRISING SUSPENDED	(51) E21B 43/04
WIJNING, Diederick Bernardus	SOLID OBJECTS	(11) EP2899364
(31) 2010865	(73) Schlumberger Technology B.V.	(21) EP15152208.3
(32) 27.05.2013	(72) SNOSWELL, David Robert Evan	(47) 01.05.2019
(33) Netherlands	WAY, Paul	(22) 22.01.2015
(51) E21B 21/08	COOK, John	(54) Leak-off assembly for gravel pack system
(11) EP3101219	BAILEY, Louise	(73) Weatherford Technology Holdings, LLC
(21) EP14880958.5	TUNC, Gokturk	Weatherford U.K. Limited
(47) 01.05.2019	JAMIE, Elizabeth Alice Gilchrist	(72) MCNAMEE, Stephen
(87) JP2014006497	ALDRED, Walter	SLADIC, John S
06.08.2015	(31) 201317626	REID, Stephen
(22) 26.12.2014	(32) 04.10.2013	MCGEOCH, Andrew
(54) DRILLING DEVICE AND UNLOAD	(33) United Kingdom	MANNING, Matthew
CONTROL PROGRAM	(51) E21B 34/06	PURKIS, Daniel George
(73) Furukawa Rock Drill Co., Ltd.	F16K 3/24	(31) 201401066
(72) HOMMA, Masatoshi	E21B 34/14	201462045326 P
ISHIKAWA, Hiroki	(11) EP2318644	201462045329 P
(31) 2014017279	(21) EP09810272.6	(32) 22.01.2014
(32) 31.01.2014	(47) 01.05.2019	03.09.2014
(33) Japan	(87) NO2009000297	03.09.2014
(51) E21B 29/00	04.03.2010	(33) United Kingdom
E21B 37/00	(22) 25.08.2009	United States of America
E21B 37/02	(54) VALVE FOR WELLBORE	United States of America
(11) EP3017138	APPLICATIONS	(51) E21B 43/08
(21) EP14819707.2	(73) I-TEC AS	(11) EP2603663
(47) 01.05.2019	(72) BRÆKKE, Kristoffer	(21) EP11816856.6
(87) US2014045614	(31) 20083659	(47) 01.05.2019
08.01.2015	(32) 25.08.2008	(87) US2011046731
(22) 07.07.2014	(33) Norway	16.02.2012
(54) APPARATUS AND METHOD FOR	(51) E21B 34/14	(22) 05.08.2011
CULTIVATING A DOWNHOLE	(11) EP2581549	(54) CRIMPED END WRAPPED ON PIPE
SURFACE	(21) EP12185088.7	WELL SCREEN
(73) Tunget, Bruce A.	(47) 01.05.2019	(73) Halliburton Energy Services, Inc.
(72) Tunget, Bruce A.	(22) 19.09.2012	(72) CUNNINGHAM, Gregory Scott
(31) 201312157	(54) Valve actuating apparatus	LOPEZ, Jean-Marc
201404121	(73) Halliburton Manufacturing & Services	(31) 855932
(32) 05.07.2013	Limited	(32) 13.08.2010
09.03.2014	(72) Reid, Mike, Adam	(33) United States of America
(33) United Kingdom	Smith, Gary, Henry	(51) E21B 43/12
United Kingdom	(31) 201117502	(11) EP3075948
(51) E21B 29/10	(32) 11.10.2011	(21) EP14866720.7
E21B 33/138	(33) United Kingdom	(47) 01.05.2019
(11) EP3180492	(51) E21B 41/00	(87) BR2014000320
(21) EP15753149.2	E21B 47/10	04.06.2015
(47) 01.05.2019	E21B 47/00	(22) 10.09.2014
(87) GB2015052348	E21B 21/08	(54) ADVANCED AUTOMATIC CONTROL
18.02.2016	(11) EP3259444	SYSTEM FOR MINIMIZING GUSHING
(22) 14.08.2015	(21) EP16708844.2	(73) Petróleo Brasileiro S.A. Petrobras
(54) DOWNHOLE WELL TOOLS AND	(47) 01.05.2019	(72) MELLO MASSA DE CAMPOS, Mario
METHODS OF USING SUCH	(87) US2016018194	Cesar

FURTADO TEIXEIRA, Alex	(33) France	(22) 24.06.2014
VON MEIEN, Oscar Felipe	(51) E21B 43/26	(54) Positioning techniques in multi-well environments
SANT'ANNA STENDER, Alberto	F03B 13/06	(73) Gyrodatta, Incorporated
SIMÕES NETO, Saul	C02F 1/44	(72) McElhinney, Graham Arthur
(31) 102013030571	B65G 5/00	Uttecht, Gary William
(32) 28.11.2013	H02K 7/18	Wright, Eric
(33) Brazil	C02F 103/06	Weston, John Lionel
(51) E21B 43/12	F03D 9/17	(31) 201361839311 P
(11) EP3320176	(11) EP3161254	201414301123
(21) EP16738953.5	(21) EP15814576.3	(32) 25.06.2013
(47) 01.05.2019	(47) 01.05.2019	10.06.2014
(87) US2016040078	(87) US2015038363	(33) United States of America
12.01.2017	07.01.2016	United States of America
(22) 29.06.2016	(22) 29.06.2015	(51) E21B 47/09
(54) DOWNHOLE LINEAR MOTOR AND PUMP SENSOR DATA SYSTEM	(54) HYDRAULIC GEOFRACTURE ENERGY STORAGE SYSTEM WITH DESALINATION	E21B 47/04
(73) Moog Inc.	(73) Quidnet Energy Inc.	(11) EP2961925
(72) BELL, Frank	(72) SCHMIDT, Howard K.	(21) EP14756385.2
CARDAMONE, David, P.	MANDELL, Aaron H.	(47) 01.05.2019
SINGH, Inderjit	(31) 201414318742	(87) CA2014050154
SANTACESARIA, Mark	(32) 30.06.2014	04.09.2014
HALLORAN, Daniel, J.	(33) United States of America	(22) 28.02.2014
ROBERTS, Jonathan	(51) E21B 43/267	(54) RANGE POSITIONING TOOL FOR USE WITHIN A CASING OR LINER STRING
(31) 201562189957 P	(11) EP2774066	(73) Xact Downhole Telemetry, Inc.
(32) 08.07.2015	(21) EP12845204.2	(72) CAMWELL, Paul
(33) United States of America	(47) 01.05.2019	REEVES, Michael
(51) E21B 43/12	(87) US2012063340	(31) 201361771413 P
E21B 34/10	10.05.2013	(32) 01.03.2013
E21B 33/12	(22) 02.11.2012	(33) United States of America
(11) EP3055498	(54) MODELING OF INTERACTION OF HYDRAULIC FRACTURES IN COMPLEX FRACTURE NETWORKS	(51) E21B 47/10
(21) EP14851470.6	(73) Schlumberger Holdings Limited	(11) EP2255069
(47) 01.05.2019	(72) WU, Ruiting	(21) EP09718900.5
(87) CA2014050990	KRESSE, Olga	(47) 01.05.2019
16.04.2015	WENG, Xiaowei	(87) NO2009000098
(22) 14.10.2014	COHEN, Charles-Edouard	17.09.2009
(54) CROSSOVER VALVE SYSTEM AND METHOD FOR GAS PRODUCTION	GU, Hongren	(22) 16.03.2009
(73) Raise Production, Inc.	(31) 201161628690 P	(54) DEVICE FOR PRESSURE TESTING OF PIPES
(72) STEELE, Geoff	(32) 04.11.2011	(73) TCO AS
LAING, Eric	(33) United States of America	(72) BRANDSDAL, Viggo
(31) 201361889768 P	(51) E21B 47/00	(31) 20081387
(32) 11.10.2013	E21B 47/10	(32) 14.03.2008
(33) United States of America	G01N 15/08	(33) Norway
(51) E21B 43/26	G01N 33/38	(51) E21B 47/10
E21B 36/04	(11) EP3039239	G01V 11/00
E21B 43/00	(21) EP13896401.0	G01V 1/40
(11) EP2686519	(47) 01.05.2019	G01V 5/04
(21) EP12708047.1	(87) US2013067601	(11) EP3167157
(47) 01.05.2019	07.05.2015	(21) EP15840296.6
(87) EP2012054401	(22) 30.10.2013	(47) 01.05.2019
20.09.2012	(54) MODULAR SENSED ANNULAR WELL APPARATUS FOR CEMENT TESTING	(87) US2015048450
(22) 13.03.2012	(73) Halliburton Energy Services, Inc.	17.03.2016
(54) ELECTRICAL AND STATIC FRACTURING OF A RESERVOIR	Petróleo Brasileiro S.A. - Petrobras	(22) 04.09.2015
(73) Université de Pau et des Pays de l'Adour	(72) RIBEIRO, Sergio S.	(54) MULTI-SENSOR WORKFLOW FOR EVALUATION OF WATER FLOW IN MULTIPLE CASING STRINGS
Centre National de la Recherche Scientifique	MARCHESINI, Flavio H.	(73) Halliburton Energy Services, Inc.
Total SA	(51) E21B 47/022	(72) QUINTERO, Luis, F.
(72) REY-BETHBEDER, Franck	E21B 47/024	(31) 201462048447 P
JACQUES, Antoine	E21B 43/30	(32) 10.09.2014
MARTIN, Justin	E21B 44/00	(33) United States of America
SYLVESTRE de FERRON, Antoine	E21B 47/09	(51) F01B 11/00
REESS, Thierry	E21B 47/00	F01B 17/02
MAUREL, Olivier	E21B 7/04	F01L 23/00
LABORDERIE, Christian	(11) EP2818632	(11) EP3237727
PIJAUDIER-CABOT, Gilles	(21) EP14173737.9	(21) EP15817872.3
GIBERT, Alain	(47) 01.05.2019	(47) 01.05.2019
(31) 1152063		
(32) 14.03.2011		

- (87) EP2015081228
30.06.2016
(22) 24.12.2015
(54) PRESSURIZED-AIR ENGINE AND PUMP
WITH SUCH A PRESSURIZED-AIR
ENGINE
(73) Exel Industries
(72) BATLLO, Benoit
KHALDI, Boussif
(31) 1463354
(32) 26.12.2014
(33) France
-
- (51) F01C 1/22
F01C 21/04
F01C 21/06
(11) EP2925965
(21) EP13818532.7
(47) 01.05.2019
(87) SK2013050013
05.06.2014
(22) 20.11.2013
(54) STEAM ENGINE WITH ROTATING
PISTON AND THE MANNER OF
COOLING AND LUBRICATING
THEREOF
(73) Tuna, Ján
Vavrus, Vladimír
(72) Tuna, Ján
Vavrus, Vladimír
(31) 500552012
(32) 28.11.2012
(33) Slovakia
-
- (51) F01C 21/08
F04C 18/356
(11) EP2372083
(21) EP11158472.8
(47) 01.05.2019
(22) 16.03.2011
(54) Rotary compressor
(73) Fujitsu General Limited
(72) Tanaka, Junya
(31) 2010079428
(32) 30.03.2010
(33) Japan
-
- (51) F01D 1/06
(11) EP2505778
(21) EP11845128.5
(47) 01.05.2019
(87) JP2011006614
07.06.2012
(22) 28.11.2011
(54) AIR MOTOR AND ELECTROSTATIC
COATING DEVICE
(73) NSK Ltd.
(72) KOBAYASHI, Naoya
NAKAMURA, Tsuyoshi
KOIWA, Yuu
(31) 2010265645
(32) 29.11.2010
(33) Japan
-
- (51) F01D 5/02
F01D 5/04
F02C 6/12
(11) EP3034781
(21) EP15196631.4
(47) 01.05.2019
(22) 27.11.2015
(54) EXHAUST GAS TURBO CHARGER
- (73) BMTS Technology GmbH & Co. KG
(72) STRIEDELMEYER, Thomas
SCHRAY, Jochen
(31) 102014226477
(32) 18.12.2014
(33) Germany
-
- (51) F01D 5/08
F01D 19/02
F02C 6/08
F02C 7/18
F02C 9/18
(11) EP3018288
(21) EP15192939.5
(47) 01.05.2019
(22) 04.11.2015
(54) HIGH PRESSURE COMPRESSOR ROTOR
THERMAL CONDITIONING USING
DISCHARGE PRESSURE AIR AND A
CORRESPONDING METHOD
(73) United Technologies Corporation
(72) FORCIER, Matthew P.
HIESTER, Paul J.
MURPHY, Andrew J.
(31) 201462075281 P
(32) 05.11.2014
(33) United States of America
-
- (51) F01D 5/14
(11) EP2732136
(21) EP12733329.2
(47) 01.05.2019
(87) US2012043662
17.01.2013
(22) 22.06.2012
(54) GAS TURBINE ENGINE WITH BLADE
HAVING GROOVES IN THE PLATFORM
FRONT AND AFT FACES
(73) Siemens Energy, Inc.
(72) LEE, Ching-Pang
THAM, Kok-Mun
(31) 201113180578
201113212273
(32) 12.07.2011
18.08.2011
(33) United States of America
United States of America
-
- (51) F01D 5/14
B23P 15/04
F01D 9/04
F01D 11/00
F01D 25/24
(11) EP3064710
(21) EP16158099.8
(47) 01.05.2019
(22) 01.03.2016
(54) AIRFOIL ASSEMBLY WITH FLOATING
WALL SECTORS
(73) United Technologies Corporation
(72) WILBER, John E.
HART, Craig
(31) 201514635394
(32) 02.03.2015
(33) United States of America
-
- (51) F01D 5/14
F01D 5/28
F01D 9/04
F01D 25/24
C04B 35/80
C04B 37/00
- (11) EP2570593
(21) EP12169245.3
(47) 01.05.2019
(22) 24.05.2012
(54) Ceramic matrix composite airfoil segment for
a gas turbine engine, corresponding structure
and method of assembling
(73) United Technologies Corporation
(72) Berczik, Douglas M.
Suciu, Gabriel L.
Merry, Brian D.
Alvanos, Ioannis
Dye, Christopher M.
(31) 201113116093
(32) 26.05.2011
(33) United States of America
-
- (51) F01D 5/14
F01D 9/04
F04D 29/68
(11) EP2333241
(21) EP10251962.6
(47) 01.05.2019
(22) 19.11.2010
(54) Duct with elongated ridge for a gas turbine
engine
(73) United Technologies Corporation
(72) Allen-Bradley, Eunice
Grover, Eric A.
Praisner, Thomas J.
(31) 623051
(32) 20.11.2009
(33) United States of America
-
- (51) F01D 5/14
F01D 25/16
F01D 25/30
(11) EP2657482
(21) EP10861150.0
(47) 01.05.2019
(87) JP2010073278
28.06.2012
(22) 24.12.2010
(54) FLOW PATH STRUCTURE AND GAS
TURBINE EXHAUST DIFFUSER
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) SAKAMOTO, Yasuro
ITO, Eisaku
WAKAZONO, Susumu
-
- (51) F01D 5/14
F02C 3/30
F02C 7/143
(11) EP3059392
(21) EP16156376.2
(47) 01.05.2019
(22) 18.02.2016
(54) PRODUCTION METHOD OF GAS
TURBINE
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) KIMURA, Yasunori
SHIBATA, Takanori
TAKAHASHI, Yasuo
TSUKIDATE, Hironori
(31) 2015030262
(32) 19.02.2015
(33) Japan
-
- (51) F01D 5/18
(11) EP2616641
(21) EP11749684.4
(47) 01.05.2019

(87) US2011048729 22.03.2012	Huber, David J Kiesow, Hans-Jurgen	(33) United States of America
(22) 23.08.2011	Ratliff, Phillip R	(51) F01D 9/02
(54) TURBINE COMPONENT COOLING CHANNEL MESH WITH INTERSECTION CHAMBERS	(31) 524739 (32) 21.09.2006 (33) United States of America	(11) EP3303774 (21) EP16733638.7 (47) 01.05.2019
(73) Siemens Energy, Inc.	(51) F01D 9/02	(87) FR2016051263
(72) LEE, Ching-Pang MARRA, John J.	B22F 7/08 F01D 25/12	08.12.2016
(31) 884486	F23R 3/60	(22) 27.05.2016
(32) 17.09.2010	(11) EP2876260	(54) ANNULAR WALL OF A COMBUSTION CHAMBER WITH OPTIMISED COOLING
(33) United States of America	(21) EP14194627.7	(73) Safran Aircraft Engines
(51) F01D 5/18	(47) 01.05.2019	(72) COMMARET, Patrice, André
(11) EP2893145	(22) 25.11.2014	BUNEL, Jacques, Marcel, Arthur
(21) EP13750342.1	(54) AFT FRAME ASSEMBLY FOR A GAS TURBINE AND MANUFACTURING METHOD	LUNEL, Romain, Nicolas
(47) 01.05.2019	(73) General Electric Company	(31) 1555050
(87) EP2013067227 27.02.2014	(72) Kottilingam, Srikanth Chandrudu	(32) 03.06.2015
(22) 19.08.2013	Lacy, Benjamin Paul	(33) France
(54) INTERNALLY COOLED AIRFOIL FOR A ROTARY MACHINE	Tollison, Brian Lee	(51) F01D 9/04
(73) Ansaldo Energia IP UK Limited	Schick, David Edward	F01D 11/08
(72) KRUECKELS, Joerg	(31) 201314090832	F01D 25/24
WARDLE, Brian Kenneth	(32) 26.11.2013	(11) EP3219928
BRANDL, Herbert	(33) United States of America	(21) EP17160069.5
WIDMER, Marc	(51) F01D 9/02	(47) 01.05.2019
(31) 12180953	F02C 7/00	(22) 09.03.2017
(32) 20.08.2012	F02K 3/06	(54) BLADE OUTER AIR SEAL WITH SPRING CENTERING
(33) European Patent Office (EPO)	B23P 15/02	(73) United Technologies Corporation
(51) F01D 5/18	F01D 25/16	(72) McCAFFREY, Michael G.
F02C 7/12	F01D 9/04	(31) 201615071274
(11) EP2925970	F01D 25/24	(32) 16.03.2016
(21) EP13858825.6	F02C 3/04	(33) United States of America
(47) 01.05.2019	F02C 7/20	(51) F01D 9/04
(87) US2013067805 05.06.2014	(11) EP2964897	F01D 17/16
(22) 31.10.2013	(21) EP14760482.1	F04D 29/56
(54) TRAILING EDGE AND TIP COOLING	(47) 01.05.2019	(11) EP2738356
(73) United Technologies Corporation	(87) US2014020476	(21) EP12194852.5
(72) XU, JinQuan	12.09.2014	(47) 01.05.2019
(31) 201213687567	(22) 05.03.2014	(22) 29.11.2012
(32) 28.11.2012	(54) STRUCTURAL GUIDE VANE FOR GAS TURBINE ENGINE	(54) Vane of a turbomachine, vane assembly of a turbomachine, and corresponding assembly method
(33) United States of America	(73) United Technologies Corporation	(73) Safran Aero Boosters SA
(51) F01D 5/20	(72) HYATT, Thomas B.	(72) Biemar, Guy
F01D 5/28	KLINETOB, Brian	(51) F01D 9/04
(11) EP2935790	LEROUX, Jason	F01D 25/14
(21) EP13812035.7	(31) 201361773914 P	F01D 25/24
(47) 01.05.2019	(32) 07.03.2013	(11) EP3009606
(87) GB2013053369 26.06.2014	(33) United States of America	(21) EP15186797.5
(22) 19.12.2013	(51) F01D 9/02	(47) 01.05.2019
(54) COMPOSITE AEROFOIL STRUCTURE WITH A CUTTING EDGE TIP PORTION	F02C 7/28	(22) 25.09.2015
(73) Rolls-Royce PLC	F02K 3/00	(54) RING ASSEMBLY WITH CARRIER SEGMENTS FOR TURBINE COMPONENTS
(72) MERRIMAN, Nicholas Michael	F01D 11/00	(73) Rolls-Royce plc
(31) 201222973	F16J 15/02	(72) Watkin, Meirion
(32) 19.12.2012	(11) EP2904217	(31) 201417150
(33) United Kingdom	(21) EP13844513.5	(32) 29.09.2014
(51) F01D 9/02	(47) 01.05.2019	(33) United Kingdom
(11) EP1903184	(87) US2013028515	(51) F01D 9/06
(21) EP07115361.3	10.04.2014	F01D 11/08
(47) 01.05.2019	(22) 01.03.2013	F01D 25/12
(22) 30.08.2007	(54) STATIC GUIDE VANE AND CORRESPONDING GAS TURBINE ENGINE	F01D 11/24
(54) Combustion turbine subsystem with twisted transition duct	(73) United Technologies Corporation	F01D 25/24
(73) Siemens Energy, Inc.	(72) KLINETOB, Carl, Brian	(11) EP3045667
(72) Bancalari, Eduardo	STILIN, Nicholas, D.	(21) EP15199999.2
Davies, Daniel	(31) 201261708306 P	(47) 01.05.2019
	(32) 01.10.2012	

- (22) 15.12.2015
(54) COOLING FEATURE FOR A TURBINE COMPONENT
(73) Rolls-Royce Corporation
(72) Weaver, John A.
Lamusga, Joseph P.
(31) 201462092524 P
(32) 16.12.2014
(33) United States of America
-
- (51) F01D 9/06
F01D 25/28
(11) EP3064716
(21) EP16158692.0
(47) 01.05.2019
(22) 04.03.2016
(54) MID TURBINE FRAME WITH INTEGRATED INNER CASE HEAT SHIELD
(73) United Technologies Corporation
(72) WINN, Joshua David
CHEROLIS, Anthony P.
PORTER, Steven D.
TREAT, Christopher
ZACCHERA, Kevin
(31) 201514640323
(32) 06.03.2015
(33) United States of America
-
- (51) F01D 9/06
F02C 7/06
F01D 25/18
F16L 41/10
(11) EP3298243
(21) EP16729314.1
(47) 01.05.2019
(87) FR2016051197
01.12.2016
(22) 20.05.2016
(54) TURBINE ENGINE UNIT FOR LUBRICATING A BEARING HOLDER
(73) Safran Aircraft Engines
(72) BOUILLER, Philippe, Pierre, Vincent
PATARD, Frédéric, François, Jean-Yves
(31) 1554621
(32) 22.05.2015
(33) France
-
- (51) F01D 11/00
F16J 15/44
(11) EP2522811
(21) EP12167384.2
(47) 01.05.2019
(22) 09.05.2012
(54) Retractable seal system
(73) General Electric Company
(72) Samudrala, Omprakash
Kumar, Siddarth
Crum, Gregory
Sha, Karimulla Shaika
(31) 201113104059
(32) 10.05.2011
(33) United States of America
-
- (51) F01D 11/08
F01D 5/18
F01D 25/12
(11) EP3091192
(21) EP16158754.8
(47) 01.05.2019
(22) 04.03.2016
- (54) BLADE OUTER AIR SEALS WITH CHANNELS
(73) United Technologies Corporation
(72) DUGUAY, Brian
ROMANOV, Dmitriy A.
(31) 201514704752
(32) 05.05.2015
(33) United States of America
-
- (51) F01D 11/12
B22F 3/105
B23K 26/342
(11) EP3351739
(21) EP18151761.6
(47) 01.05.2019
(22) 16.01.2018
(54) A SEALING ELEMENT AND A METHOD OF MANUFACTURING THE SAME
(73) Rolls-Royce plc
(72) Wright, Gary
Donovan, Simon
(31) 201700914
(32) 19.01.2017
(33) United Kingdom
-
- (51) F01D 15/10
H02K 5/10
H02K 1/02
B05B 5/053
H02K 5/16
B05B 5/08
B05B 13/02
(11) EP2903746
(21) EP13843658.9
(47) 01.05.2019
(87) US2013062656
10.04.2014
(22) 30.09.2013
(54) ALTERNATOR FOR ELECTROSTATIC SPRAY GUN
(73) Graco Minnesota Inc.
(72) ULRICH, Mark E.
WILLOUGHBY, Jason J.
(31) 201261708145 P
(32) 01.10.2012
(33) United States of America
-
- (51) F01D 17/02
F01D 21/00
G05B 23/02
F23N 5/24
(11) EP2628906
(21) EP13155815.7
(47) 01.05.2019
(22) 19.02.2013
(54) Control method for a gas turbine
(73) Ansaldo Energia IP UK Limited
(72) Lang, Wolfgang
Zinn, Hanspeter
Bollhalder, Heinz
Antonanzas, Xabier
(31) 2152012
(32) 20.02.2012
(33) Switzerland
-
- (51) F01D 17/10
F02K 3/075
(11) EP2900959
(21) EP13842614.3
(47) 01.05.2019
(87) US2013029052
03.04.2014
- (22) 05.03.2013
(54) BLEED DUCT FOR LAMINAR FAN DUCT FLOW
(73) United Technologies Corporation
(72) TURNER, Matthew, A.
SALAMON, Keith, T.
FORD, Barry, M.
(31) 201261705718 P
(32) 26.09.2012
(33) United States of America
-
- (51) F01D 17/16
(11) EP3287608
(21) EP17179470.4
(47) 01.05.2019
(22) 04.07.2017
(54) INTERNAL RING FOR A GUIDE- BLADE RIM OF A TURBOMACHINE
(73) MTU Aero Engines AG
(72) Tomsik, Joseph
(31) 102016215807
(32) 23.08.2016
(33) Germany
-
- (51) F01D 21/04
F02C 6/12
(11) EP2817493
(21) EP13703866.7
(47) 01.05.2019
(87) GB2013050197
29.08.2013
(22) 30.01.2013
(54) TURBOCHARGER
(73) Napier Turbochargers Limited
(72) PINKNEY, Ian
KAY, Peter
MOORE, Matthew Elijah
HEYES, Francis Joseph Geoffrey
(31) 201203111
(32) 23.02.2012
(33) United Kingdom
-
- (51) F01D 21/04
F02C 9/28
G01L 5/00
F16C 19/52
(11) EP3330493
(21) EP16202041.6
(47) 01.05.2019
(22) 02.12.2016
(54) CONTROL SYSTEM AND METHOD FOR A GAS TURBINE ENGINE
(73) Rolls-Royce Deutschland Ltd & Co KG
(72) ELGEZABAL GÓMEZ, Oroitz
KRAVCHENKO, Victor
-
- (51) F01D 21/08
F01D 11/00
F01D 11/02
(11) EP2705223
(21) EP12725107.2
(47) 01.05.2019
(87) FR2012051003
08.11.2012
(22) 04.05.2012
(54) SEALING APPARATUS OF A GUIDE CONDUIT OF A TURBINE OF A TURBOMACHINE
(73) Safran Aircraft Engines
(72) LUNEAU, Florent Pierre, Antoine
GIRARD, Patrick, Joseph, Marie
PRESTEL, Sébastien, Jean, Laurent

SOUPIZON, Jean-Luc	(54) STEAM RECOMPRESSION IN AROMATIC CARBOXYLIC ACID PROCESSES	30.04.2013
(31) 1153837		30.04.2013
(32) 04.05.2011		30.04.2013
(33) France	(73) GRUPO PETROTEMEX, S.A. DE C.V.	05.11.2013
(51) F01D 25/12	(72) LIN, Robert	24.02.2014
(11) EP3341570	BELLNER, Steven, Paul	(33) United States of America
(21) EP16770056.6	(31) 772819	United States of America
(47) 01.05.2019	(32) 05.02.2004	United States of America
(87) FR2016052120	(33) United States of America	United States of America
02.03.2017	(51) F01K 23/02	United States of America
(22) 25.08.2016	F01K 25/10	United States of America
(54) DEVICE FOR ATTACHING MANIFOLDS FOR COOLING THE CASING OF A TURBINE-ENGINE TURBINE BY AIR JETS	(11) EP3112622	United States of America
(73) Safran Aircraft Engines	(21) EP16176833.8	United States of America
(72) BUNEL, Jacques, Marcel, Arthur	(47) 01.05.2019	United States of America
D'HERBIGNY, Emeric	(22) 29.06.2016	United States of America
MADEC, Alain Paul	(54) BINARY POWER GENERATION SYSTEM AND BINARY POWER GENERATION METHOD	World Intellectual Property Office (WIPO)
TINCELIN, Pierre	(73) Anest Iwata Corporation	World Intellectual Property Office (WIPO)
VILLENAVE, Benjamin	(72) Fujioka, Tamotsu	United States of America
(31) 1557978	Unami, Atsushi	World Intellectual Property Office (WIPO)
(32) 27.08.2015	Izumi, Takaaki	World Intellectual Property Office (WIPO)
(33) France	(31) 2015131882	United States of America
(51) F01D 25/12	(32) 30.06.2015	(51) F01L 1/352
F01D 25/24	(33) Japan	F01L 1/047
F01D 25/28	(51) F01L 1/18	F01L 1/344
F02C 3/08	F01L 1/22	F16K 31/04
F01D 9/04	F01L 13/00	(11) EP3296529
F01D 11/08	(11) EP2961947	(21) EP17190997.1
F01D 11/12	(21) EP14756458.7	(47) 01.05.2019
F02C 3/04	(47) 01.05.2019	(22) 14.09.2017
(11) EP3080403	(87) US2014019870	(54) VALVE OPENING AND CLOSING TIMING CONTROL APPARATUS
(21) EP14825487.3	04.09.2014	(73) AISIN SEIKI KABUSHIKI KAISHA
(47) 01.05.2019	(22) 03.03.2014	(72) MIYACHI, Eiji
(87) US2014068490	(54) LATCH INTERFACE FOR A VALVE ACTUATING DEVICE	MUKAIDE, Hiroki
18.06.2015	(73) Eaton Corporation	OTAKE, Tomoharu
(22) 04.12.2014	(72) SPOOR, Anthony L.	IGUCHI, Yoshiaki
(54) CMC SHROUD SUPPORT SYSTEM	SHEREN, James R.	SUZUKI, Shigemitsu
(73) GENERAL ELECTRIC COMPANY	(31) 201361771716 P	(31) 2016180760
(72) SHAPIRO, Jason, David	201361771721 P	(32) 15.09.2016
DOUGHTY, Roger, Lee	201361771769 P	(33) Japan
FRANKS, Michael, John	201313868025	(51) F01M 11/04
(31) 201361915114 P	201313868035	(11) EP2343439
(32) 12.12.2013	201313868045	(21) EP11305011.6
(33) United States of America	201313868054	(47) 01.05.2019
(51) F01D 25/18	201313868061	(22) 06.01.2011
(11) EP2441923	201313868067	(54) Oil pan made from thermoplastic material for an internal combustion engine and drain plug for such a pan
(21) EP11250848.6	201313868068	(73) Sogefi Air & Cooling (SAS)
(47) 01.05.2019	PCT/US2013/037667	(72) Lambert, Arnaud
(22) 12.10.2011	PCT/US2013/037665	Rossmann, Thomas Eric
(54) Lubrication system in a planetary gear system of a gas turbine	201313873774	Said, Raffik Eric
(73) United Technologies Corporation	201313873797	Rolland, Francis Viencent Edouard
(72) Sheridan, William G.	PCT/US2013/038896	(31) 1050116
(31) 902525	PCT/US2013/068503	(32) 08.01.2010
(32) 12.10.2010	201414188339	(33) France
(33) United States of America	(32) 01.03.2013	(51) F01M 13/00
(51) F01K 15/00	01.03.2013	F01M 13/02
F01K 17/02	22.04.2013	F01M 13/04
C07C 51/265	22.04.2013	(11) EP3020934
(11) EP1716094	22.04.2013	(21) EP15193729.9
(21) EP05712198.0	22.04.2013	(47) 01.05.2019
(47) 01.05.2019	22.04.2013	(22) 09.11.2015
(87) US2005002659	22.04.2013	(54) CRANKCASE VENTILATION APPARATUS
25.08.2005	22.04.2013	(73) Mahle International GmbH
(22) 02.02.2005	22.04.2013	(72) An, Dimitri
	22.04.2013	

Beez, Steve	(47) 01.05.2019	OP DE BEECK, Joel
Coelho, Armando	(87) JP2010063067	DOUGNIER, François
Elsässer, Alfred	24.02.2011	WALLING, Nadja
Fallscheer, Thomas	(22) 03.08.2010	TIPTON, Larry
Kirschner, Volker	(54) EXHAUST-TREATMENT DEVICE FOR A	NAYDENOV, Volodia
Riemay, Thomas	DIESEL ENGINE	(31) 0755118
Ruppel, Stefan	(73) Kubota Corporation	0756635
(31) 102014223290	(72) YAMADA Shuichi	(32) 16.05.2007
(32) 14.11.2014	FUJII Yasuo	20.07.2007
(33) Germany	INOUE Katsushi	(33) France
(51) F01M 13/00	ISHII Yuuki	France
F02D 19/06	MITAMURA Kenta	(51) F01N 3/20
F02M 25/06	(31) 2009190843	F01N 13/00
F02M 25/08	(32) 20.08.2009	F01N 13/18
A62C 3/10	(33) Japan	F01N 13/08
F01M 13/02	(51) F01N 3/027	(11) EP3236031
F01M 13/04	C04B 37/02	(21) EP15860148.4
(11) EP2431582	C04B 38/00	(47) 01.05.2019
(21) EP10775063.0	H01B 1/04	(87) CN2015094450
(47) 01.05.2019	H01B 1/08	26.05.2016
(87) KR2010002814	H01B 5/00	(22) 12.11.2015
18.11.2010	H01B 13/00	(54) EXHAUST POSTPROCESSING
(22) 03.05.2010	(11) EP3002269	COMPONENT
(54) APPARATUS FOR CLEANING THE	(21) EP15188203.2	(73) Tenneco (Suzhou) Emission System Co. Ltd.
CRANKCASE OF A DUAL-FUEL ENGINE	(47) 01.05.2019	(72) FAN, Gaofeng
(73) Samsung Heavy Ind. Co., Ltd.	(22) 02.10.2015	YANG, Zhenqiu
(72) SHIN, Soon Seong	(54) JOINED BODY AND METHOD FOR	ZHANG, Haitao
(31) 20090041776	MANUFACTURING THE SAME	(31) 201410671762
(32) 13.05.2009	(73) NGK Insulators, Ltd.	(32) 21.11.2014
(33) Korea (Republic)	(72) IZUMI, Yunie	(33) China
(51) F01M 13/04	KOBAYASHI, Yoshimasa	(51) F01N 3/28
(11) EP2788596	(31) 201462059219 P	(11) EP2933454
(21) EP12799157.8	(32) 03.10.2014	(21) EP15171369.0
(47) 01.05.2019	(33) United States of America	(47) 01.05.2019
(87) EP2012074762	(51) F01N 3/08	(22) 14.12.2006
13.06.2013	F01N 11/00	(54) METHOD FOR MANUFACTURING
(22) 07.12.2012	F02M 37/00	HOLDING SEAL MEMBER FOR
(54) ENGINE AND METHOD OF OPERATING	F02M 37/04	EXHAUST GAS PURIFYING BODY
SUCH ENGINE	F04B 15/04	(73) IBIDEN CO., LTD.
(73) Volkswagen Aktiengesellschaft	(11) EP3222831	(72) Saiki, Kenzo
(72) BRÖCKER, Timm	(21) EP15859425.9	(31) 2005379936
BENNECKE, Hans	(47) 01.05.2019	(32) 28.12.2005
SIEMER, Ralf	(87) CN2015094451	(33) Japan
(31) 102011120782	19.05.2016	(51) F01N 3/28
(32) 09.12.2011	(22) 12.11.2015	F01N 3/021
(33) Germany	(54) FLUID DELIVERY DEVICE	F01N 13/10
(51) F01M 13/04	(73) Tenneco (Suzhou) Emission System Co., Ltd.	F01N 13/18
F01M 13/00	(72) GONG, Chao	F01N 3/20
(11) EP2806123	WANG, Ping	F01N 13/00
(21) EP13738698.3	FAN, Gaofeng	(11) EP3092381
(47) 01.05.2019	SUN, Qiang	(21) EP14878138.8
(87) JP2013050453	YANG, Zhenqiu	(47) 01.05.2019
25.07.2013	DU, Biao	(87) US2014010989
(22) 11.01.2013	TIAN, Suheng	16.07.2015
(54) ENGINE APPARATUS	(31) 201410643987	(22) 10.01.2014
(73) Yanmar Co., Ltd.	(32) 14.11.2014	(54) MODULAR MIXER FOR EXHAUST
(72) KITAGAWA Tomoaki	(33) China	ASSEMBLY
(31) 2012008949	(51) F01N 3/20	(73) Faurecia Emissions Control Technologies,
(32) 19.01.2012	(11) EP3301272	USA, LLC
(33) Japan	(21) EP17197580.8	(72) CHAPMAN, Chris
(51) F01N 3/02	(47) 01.05.2019	WILLATS, Robin
B01D 53/94	(22) 15.05.2008	(51) F01N 3/28
F01N 3/24	(54) UREA TANK AND BASE PLATE WITH	F01N 3/04
B01D 46/42	AN INTEGRATED HEATING ELEMENT	F01N 13/08
F02D 41/14	(73) Plastic Omnium Advanced Innovation and	F01N 13/14
F02D 41/08	Research	(11) EP2998535
(11) EP2469049	(72) POTIER, Vincent	(21) EP13884660.5
(21) EP10809842.7	LEONARD, Stéphane	(47) 01.05.2019

- (87) JP2013063710
20.11.2014
- (22) 16.05.2013
- (54) EXHAUST COOLING SYSTEM FOR
INTERNAL COMBUSTION ENGINE
- (73) Toyota Jidosha Kabushiki Kaisha
(72) SHINODA, Yoshihisa
- (51) F01N 13/18
- (11) EP2729679
(21) EP12729361.1
(47) 01.05.2019
(87) EP2012002651
10.01.2013
(22) 22.06.2012
- (54) METHOD FOR PRODUCING AN
EXHAUST GAS SYSTEM, AND
EXHAUST GAS SYSTEM
- (73) Faurecia Emissions Control Technologies,
Germany GmbH
- (72) BLUEML, Alfred
(31) 102011106801
(32) 06.07.2011
(33) Germany
- (51) F01N 13/18
F01N 13/00
- (11) EP2873825
(21) EP14184865.5
(47) 01.05.2019
(22) 16.09.2014
- (54) Working vehicle
- (73) Kubota Corporation
(72) Hasegawa, Koichi
Iwamoto, Masatoshi
- (31) 2013237745
(32) 18.11.2013
(33) Japan
- (51) F02B 37/00
F02B 37/013
F02B 37/18
F02B 37/22
F02B 37/24
F01N 13/08
F02D 9/06
F02D 9/12
- (11) EP3303792
(21) EP15727349.1
(47) 01.05.2019
(87) EP2015061948
08.12.2016
(22) 29.05.2015
- (54) AN EXHAUST GAS PRESSURE
REGULATOR FOR A COMBUSTION
ENGINE
- (73) Volvo Truck Corporation
(72) TENNEVALL, Peter
PERSSON, Johan
- (51) F02B 37/013
F02B 37/00
F02B 37/007
- (11) EP3236043
(21) EP16735114.7
(47) 01.05.2019
(87) JP2016050685
14.07.2016
(22) 12.01.2016
- (54) ENGINE SYSTEM
- (73) Mitsubishi Heavy Industries, Ltd.
(72) HOTTA Kazuro
- FURUKAWA Yuta
OGURA Kazuo
- (31) 2015003072
(32) 09.01.2015
(33) Japan
- (51) F02B 37/04
F02B 37/24
F02B 37/18
F02B 39/10
- (11) EP3152426
(21) EP15729249.1
(47) 01.05.2019
(87) JP2015064836
10.12.2015
(22) 15.05.2015
- (54) CONTROL APPARATUS FOR ENGINE
- (73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) YAMANE, Naruto
- (31) 2014117896
(32) 06.06.2014
(33) Japan
- (51) F02B 37/16
F02B 37/12
F02M 35/10
F02M 21/02
F02B 43/00
F02B 43/10
- (11) EP3008308
(21) EP14810175.1
(47) 01.05.2019
(87) US2014042309
18.12.2014
(22) 13.06.2014
- (54) PNEUMATIC COMPRESSOR
RECIRCULATION VALVE SYSTEM
- (73) Dayco IP Holdings, LLC
(72) FLETCHER, Dave
GRAICHEN, Brian, M.
HAMPTON, Keith
GILMER, Matt
MILLER, James, H.
LONG, Steve
- (31) 201361834539 P
(32) 13.06.2013
(33) United States of America
- (51) F02B 39/00
F01D 9/02
F02C 6/12
- (11) EP2617961
(21) EP11853195.3
(47) 01.05.2019
(87) JP2011079154
05.07.2012
(22) 16.12.2011
- (54) Radial turbine
- (73) Mitsubishi Heavy Industries Engine &
Turbocharger, Ltd.
(72) YOKOYAMA, Takao
OSAKO, Katsuyuki
SHIRAISHI, Takashi
WAKASHIMA, Koji
- (31) 2010291359
(32) 27.12.2010
(33) Japan
- (51) F02B 39/00
F01D 21/04
F01D 9/02
F02B 37/00
- (11) EP3078834
(21) EP13898527.0
(47) 01.05.2019
(87) JP2013082555
11.06.2015
(22) 04.12.2013
- (54) METALLIC PLATE TURBINE HOUSING
- (73) Mitsubishi Heavy Industries, Ltd.
(72) YOSHIDA, Toyotaka
YOKOYAMA, Takao
TOMITA, Isao
WATANABE, Daigo
JINNAI, Yasuaki
HIGASHIMORI, Hirotaka
- (51) F02B 39/00
F01D 25/24
- (11) EP3088700
(21) EP15731236.4
(47) 01.05.2019
(87) JP2015050050
02.07.2015
(22) 05.01.2015
- (54) TURBINE
- (73) MITSUBISHI HEAVY INDUSTRIES, Ltd.
(72) YOKOYAMA, Takao
IBARAKI, Seiichi
MARTINEZ-BOTAS, Ricardo
YANG, Mingyang
- (31) 2013271673
(32) 27.12.2013
(33) Japan
- (51) F02B 41/10
(11) EP3084168
(21) EP13854175.0
(47) 01.05.2019
(87) IB2013003214
25.06.2015
(22) 19.12.2013
- (54) ENGINE ARRANGEMENT AND
METHOD FOR HEATING EXHAUST
AFTER TREATMENT EQUIPMENT IN
AN EXHAUST AFTER TREATMENT
SYSTEM
- (73) Volvo Truck Corporation
(72) ZSOLDOS, Jeffrey
GIASOMO, Russell
- (51) F02B 53/10
F02M 63/02
F02B 19/10
- (11) EP2778367
(21) EP14158964.8
(47) 01.05.2019
(22) 11.03.2014
- (54) Internal combustion engine with pilot and
main injection
- (73) PRATT & WHITNEY CANADA CORP.
(72) Schulz, Edwin
Thomassin, Jean
- (31) 201313796216
(32) 12.03.2013
(33) United States of America
- (51) F02C 1/00
B01F 5/00
F01K 23/10
F02C 3/34
F02C 7/04
F02C 7/08
- (11) EP2837795

(21) EP13180467.6	(87) US2015068151	(33) European Patent Office (EPO)
(47) 01.05.2019	07.07.2016	(51) F02C 7/04
(22) 14.08.2013	(22) 30.12.2015	F02K 3/06
(54) Improved intake arrangement in gas turbine power plant	(54) SYSTEMS AND METHODS TO RESPOND TO GRID OVERFREQUENCY EVENTS FOR A STOICHIOMETRIC EXHAUST RECIRCULATION GAS TURBINE	(11) EP3009639
(73) Ansaldo Energia IP UK Limited	(73) ExxonMobil Upstream Research Company	(21) EP15185622.6
(72) Payne, Robin	(72) THATCHER, Jonathan, Carl	(47) 01.05.2019
Benz, Eribert	SLOBODYANSKIY, Ilya, Aleksandrovich	(22) 17.09.2015
(51) F02C 3/04	VOREL, Aaron, Lavene	(54) GAS TURBINE ENGINE NACELLE
F02C 3/30	(31) 201462098586 P	(73) Rolls-Royce plc
F02C 9/00	201514982764	(72) Mosley, Christopher
F02C 3/34	(32) 31.12.2014	Smith, Angus
F02C 6/18	29.12.2015	Sheaf, Christopher
F01D 17/14	(33) United States of America	Wells, John
F02C 7/042	United States of America	(31) 201418322
F02C 7/057	(51) F02C 5/04	(32) 16.10.2014
F02C 9/20	F02K 7/02	(33) United Kingdom
F02C 9/22	F02K 9/42	(51) F02C 7/045
F02C 9/54	(11) EP2906795	F02C 7/24
F02C 1/06	(21) EP13861507.5	F01D 25/08
F02C 1/08	(47) 01.05.2019	B64D 33/02
(11) EP3014088	(87) IB2013003257	F01D 11/12
(21) EP14739015.7	31.07.2014	(11) EP2971660
(47) 01.05.2019	(22) 11.10.2013	(21) EP14807640.9
(87) US2014043971	(54) DETONATION ENGINE	(47) 01.05.2019
31.12.2014	(73) King Abdullah University of Science and Technology	(87) US2014024618
(22) 24.06.2014	(72) KASIMOV, Aslan	11.12.2014
(54) SYSTEM AND METHOD FOR CONTROLLING EXHAUST GAS FLOW IN EXHAUST GAS RECIRCULATION GAS TURBINE SYSTEMS	(31) 201261712972 P	(22) 12.03.2014
(73) ExxonMobil Upstream Research Company	(32) 12.10.2012	(54) THERMALLY CONFORMING ACOUSTIC LINER CARTRIDGE FOR A GAS TURBINE ENGINE
(72) THATCHER, Jonathan Carl	(33) United States of America	(73) United Technologies Corporation
WEST, James A.	(51) F02C 6/00	(72) ROBERTSON, JR., Thomas J.
VOREL, Aaron Lavene	F02C 1/00	COSTA, Mark W.
(31) 201361841234 P	F02C 7/262	WELCH, David A.
201414312659	F02C 7/275	(31) 201361779327 P
(32) 28.06.2013	(11) EP2659109	(32) 13.03.2013
23.06.2014	(21) EP11853700.0	(33) United States of America
(33) United States of America	(47) 01.05.2019	(51) F02C 7/055
United States of America	(87) US2011067123	B64C 27/04
(51) F02C 3/14	05.07.2012	B64D 33/02
(11) EP3296541	(22) 23.12.2011	(11) EP3227539
(21) EP17185796.4	(54) AIRCRAFT AND GAS TURBINE ENGINE	(21) EP15817460.7
(47) 01.05.2019	(73) Rolls-Royce Corporation	(47) 01.05.2019
(22) 10.08.2017	(72) BETTNER, James, Lee	(87) FR2015053291
(54) REVERSE FLOW GAS TURBINE ENGINE WITH OFFSET REDUCTION GEARBOX	(31) 201061427724 P	09.06.2016
(73) Pratt & Whitney Canada Corp.	(32) 28.12.2010	(22) 02.12.2015
(72) DUBREUIL, Jean	(33) United States of America	(54) AIR SUPPLY PLENUM
(31) 201615266321	(51) F02C 6/00	(73) Safran Helicopter Engines
201715407401	F02C 7/228	(72) BULOT, Nicolas
(32) 15.09.2016	F02C 9/34	MARCHAND, Fabrice
17.01.2017	F23C 6/04	(31) 1461997
(33) United States of America	F02C 3/14	(32) 05.12.2014
United States of America	(11) EP2867490	(33) France
(51) F02C 3/14	(21) EP13730889.6	(51) F02C 7/06
F02C 3/34	(47) 01.05.2019	F01D 25/18
F02C 9/26	(87) EP2013063091	F04D 29/06
H02K 7/18	03.01.2014	F01D 25/12
F02C 9/38	(22) 24.06.2013	F01D 25/16
H02P 9/04	(54) METHOD FOR A PART LOAD CO REDUCTION OPERATION FOR A SEQUENTIAL GAS TURBINE	F04D 29/053
F02C 6/00	(73) Ansaldo Energia Switzerland AG	F04D 29/059
F02C 9/48	(72) DUESING, Michael	F04D 29/063
F01D 15/10	EROGLU, Adnan	F16N 7/36
(11) EP3241273	(31) 12174260	F16C 3/02
(21) EP15832979.7	(32) 29.06.2012	F16C 33/66
(47) 01.05.2019		F16C 19/06
		(11) EP2971663
		(21) EP14778668.5
		(47) 01.05.2019

(87) US2014024533 09.10.2014	(73) Hamilton Sundstrand Corporation	Dye, Christopher M.
(22) 12.03.2014	(72) OSORIO, Omar, I.	(31) 201113219913
(54) OIL TRANSFER PASSAGE ARRANGEMENT FOR A SHAFT OF A GAS TURBINE ENGINE	(31) 201213413419	(32) 29.08.2011
(73) United Technologies Corporation	(32) 06.03.2012	(33) United States of America
(72) STUTZ, Robert C.	(33) United States of America	(51) F02C 7/36
GRILLO, Joseph	(51) F02C 7/228	F01D 15/12
(31) 201361779430 P	F02C 9/28	B23P 6/00
(32) 13.03.2013	(11) EP3199781	(11) EP2831395
(33) United States of America	(21) EP16152853.4	(21) EP13812614.9
(51) F02C 7/08	(47) 01.05.2019	(47) 01.05.2019
F02C 6/08	(22) 27.01.2016	(87) US2013033795
F02C 7/14	(54) A GAS TURBINE AND A	09.01.2014
F02C 7/32	CORRESPONDING METHOD FOR	(22) 26.03.2013
F02K 3/115	CONTROLLING A GAS TURBINE	(54) GAS TURBINE ENGINE GEARED
(11) EP2584170	OPERATION WITH SELECETED	ARCHITECTURE AXIAL RETENTION
(21) EP12189275.6	TURBINE OUTLET TEMPERATURE	ARRANGEMENT AND RETROFITTING
(47) 01.05.2019	SENSORS	METHOD
(22) 19.10.2012	(73) Ansaldo Energia IP UK Limited	(73) United Technologies Corporation
(54) Compartment cooling for a gas turbine engine	(72) Zhang, Mengbin	(72) COFFIN, James B.
(73) United Technologies Corporation	Therkorn, Dirk	PESCOSOLIDO, Alessio
(72) Suci, Gabriel L.	Bernero, Stefano	(31) 201213435353
Merry, Brian D.	Gassner, Martin	(32) 30.03.2012
McCune, Michael E.	Lonneux, Vincent	(33) United States of America
Dye, Christopher M.	(51) F02C 7/32	(51) F02C 7/36
(31) 201113278299	(11) EP2636872	F02C 7/00
(32) 21.10.2011	(21) EP13157705.8	F02K 3/06
(33) United States of America	(47) 01.05.2019	(11) EP2834505
(51) F02C 7/12	(22) 04.03.2013	(21) EP13877780.0
F01D 5/18	(54) Turbomachine drive arrangement	(47) 01.05.2019
F01D 25/08	(73) Hamilton Sundstrand Corporation	(87) US2013033960
F01D 25/14	(72) Brust, Eric A.	18.09.2014
F01D 25/24	Lemmers, JR., Glenn C.	(22) 27.03.2013
(11) EP2834498	(31) 201213411920	(54) GEARED ARCHITECTURE WITH
(21) EP13772338.3	(32) 05.03.2012	INDUCER FOR GAS TURBINE ENGINE
(47) 01.05.2019	(33) United States of America	(73) United Technologies Corporation
(87) US2013033644	(51) F02C 7/32	(72) KUPRATIS, Daniel Bernard
10.10.2013	F02C 7/00	SCHWARZ, Frederick M.
(22) 25.03.2013	F04D 25/02	(31) 201213437395
(54) COOLING SYSTEM FOR A TURBINE VANE	F02K 3/06	(32) 02.04.2012
(73) United Technologies Corporation	(11) EP2825751	(33) United States of America
(72) BERGMAN, Russell, J.	(21) EP13796822.8	(51) F02C 9/54
GREGG, Shawn, J.	(47) 01.05.2019	(11) EP2778376
PAPPLE, Michael	(87) US2013030123	(21) EP14159110.7
LUTJEN, Paul, M.	05.12.2013	(47) 01.05.2019
CAPRARIO, Joseph, T.	(22) 11.03.2013	(22) 12.03.2014
ENNACER, Mohammed	(54) CONSTANT SPEED PUMP SYSTEM FOR	(54) System and method for engine transient
DABBS, Thurman, Carlo	ENGINE ECS LOSS ELIMINATION	power response
(31) 201213439277	(73) United Technologies Corporation	(73) PRATT & WHITNEY CANADA CORP.
(32) 04.04.2012	(72) SUCIU, Gabriel L.	(72) Belleville, Francois
(33) United States of America	MERRY, Brian D.	Beauchesne-Martel, Philippe
(51) F02C 7/224	GLAHN, Jorn A.	Morgan, Keith
F02M 31/125	DYE, Christopher M.	(31) 201313796624
F02M 31/08	(31) 201213419660	(32) 12.03.2013
F02K 3/06	(32) 14.03.2012	(33) United States of America
F02C 3/04	(33) United States of America	(51) F02D 23/00
(11) EP2823170	(51) F02C 7/32	F02B 37/12
(21) EP13758632.7	F02K 3/00	F02B 37/18
(47) 01.05.2019	F01D 25/12	F02D 15/02
(87) US2013025685	(11) EP2565423	F02D 45/00
12.09.2013	(21) EP12182034.4	F02B 37/00
(22) 12.02.2013	(47) 01.05.2019	F02D 13/02
(54) GAS TURBINE ENGINE FUEL HEATING SYSTEM	(22) 28.08.2012	F02D 15/04
	(54) Gas turbine engine and method of providing cooling air	F02D 35/02
	(73) United Technologies Corporation	F02D 41/00
	(72) Suci, Gabriel L.	F02B 37/22
	Glahn, Jorn A.	(11) EP2907992
	Merry, Brian D.	(21) EP12886293.5
		(47) 01.05.2019

(87) JP2012076142 17.04.2014	F02D 13/06 F02D 17/02	(51) F02F 1/00 (11) EP3043054
(22) 09.10.2012	(11) EP3311016	(21) EP15150637.5
(54) INTERNAL COMBUSTION ENGINE PROVIDED WITH VARIABLE COMPRESSION RATIO MECHANISM	(21) EP15738716.8 (47) 01.05.2019 (87) FI2015050445 22.12.2016	(47) 01.05.2019 (22) 09.01.2015 (54) CUFF-RING FOR A CYLINDER LINER
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(22) 17.06.2015	(73) Caterpillar Motoren GmbH & Co. KG
(72) TANAKA, Hiroyuki	(22) 17.06.2015	(72) BURKHARD, Sascha
(51) F02D 31/00 F02D 41/24	(54) METHOD FOR OPERATING MULTI- CYLINDER PISTON ENGINE AND PISTON ENGINE	SIXEL, Eike Joachim LANGE, Hendrik Johannes RUSCHMEYER, Kai WOLFGRAMM, Marius
(11) EP2247840	(73) Wärtsilä Finland Oy	BANCK, Andreas MOOSER, Dirk ABRAHAM, Volker
(21) EP09718195.2	(72) VARJOSAARI, Mika	
(47) 01.05.2019	(51) F02D 41/02 F02D 41/06 F02N 11/08 F02D 41/04	(51) F02G 5/00 (11) EP3191701 (21) EP15795195.5 (47) 01.05.2019 (87) EP2015076922 02.06.2016 (22) 18.11.2015
(87) FI2009050173 11.09.2009	(11) EP3153687 (21) EP16192257.0 (47) 01.05.2019 (22) 04.10.2016	(22) 18.11.2015
(22) 02.03.2009	(54) CONTROLLER FOR INTERNAL COMBUSTION ENGINE	(54) METHOD FOR HEATING AN OPERATING AGENT, AS WELL AS A RESERVOIR HEATING SYSTEM AND AN OPERATING AGENT HEATING SYSTEM
(54) SPEED CONTROLLER FOR PISTON ENGINE	(73) Mitsubishi Jidosha Kogyo K.K. (72) TSUDA, Daisuke MATSUMOTO, Akira (31) 2015200004 (32) 08.10.2015 (33) Japan	(73) Siemens Mobility GmbH (72) HINTERMEIR, Stefan (31) 102014224284 (32) 27.11.2014 (33) Germany
(73) Wärtsilä Finland Oy	(51) F02D 41/40 F02D 45/00 F02D 41/30 F02D 35/02 F02B 17/00 F02D 37/02 F02D 41/38	(51) F02K 1/00 F02K 1/42 F02K 1/52 B64D 33/04 (11) EP3180506 (21) EP15832217.2 (47) 01.05.2019 (87) US2015045359 18.02.2016 (22) 14.08.2015
(72) PENSAR, Johan	(11) EP3150833 (21) EP14893630.5 (47) 01.05.2019 (87) JP2014063949 03.12.2015 (22) 27.05.2014	(54) EXHAUST ARRANGEMENT FOR AIRCRAFT HAVING SENSOR
(31) 20085202	(54) DIESEL ENGINE CONTROL DEVICE AND CONTROL METHOD	(73) Mcgee, Craig S. Fritcher, Sam R. (72) Mcgee, Craig S. Fritcher, Sam R. (31) 201462037381 P (32) 14.08.2014 (33) United States of America
(32) 03.03.2008	(73) Nissan Motor Co., Ltd (72) UEHARA, Isshou	(51) F02K 1/09 F02K 3/075 F02K 1/72 F02K 1/76 (11) EP3059431 (21) EP16156314.3 (47) 01.05.2019 (22) 18.02.2016
(33) Finland	(51) F02D 41/00 F02D 41/14 F02D 41/30 F01N 3/20 F02M 26/06 F02M 26/15 F02D 13/02 F02D 41/02 F01N 3/08	(54) AIRCRAFT ENGINE COWL OF A GAS TURBINE WITH THRUST REVERSER AND VARIABLE AREA FAN NOZZLE
(51) F02D 41/00 F02D 13/02 F02D 13/06 F02D 17/00	(11) EP3103993 (21) EP16171856.4 (47) 01.05.2019 (22) 30.05.2016	(73) Rolls-Royce Deutschland Ltd & Co KG (72) TODOROVIC, Predrag MARQUEZ, Carlos SCHIEFFER, Dr. Gero (31) 102015203219 (32) 23.02.2015
(11) EP3114339	(54) ENGINE CONTROL SYSTEM, VEHICLE SYSTEM, AND ENGINE CONTROL METHOD	
(21) EP15758607.4	(73) Mitsubishi Heavy Industries, Ltd. (72) INOUE, Kanta YAMASHITA, Yukio GOTO, Mitsufumi SAKAMOTO, Musashi (31) 2014206298 (32) 07.10.2014 (33) Japan	
(47) 01.05.2019		
(87) SE2015050214 11.09.2015		
(22) 26.02.2015		
(54) COMBUSTION ENGINE AND METHOD FOR CONTROLLING A COMBUSTION ENGINE DURING CYLINDER DEACTIVATION		
(73) Scania CV AB		
(72) OLOFSSON, Eric		
(71) STENLÅÅS, Ola		
LINDERYD, Johan		
DAHL, Andreas		
SARBY, Håkan		
(31) 1450259		
(32) 07.03.2014		
(33) Sweden		
(51) F02D 41/00 F02D 41/14 F02D 41/30 F01N 3/20 F02M 26/06 F02M 26/15 F02D 13/02 F02D 41/02 F01N 3/08		
(11) EP3103993		
(21) EP16171856.4		
(47) 01.05.2019		
(22) 30.05.2016		
(54) CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE		
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA		
(72) HOTTA, Shintaro		
(31) 2015116857		
(32) 09.06.2015		
(33) Japan		
(51) F02D 41/00 F02D 41/40		

(33) Germany	(73) CENTRE NATIONAL D'ETUDES SPATIALES	(72) STARK, Stefan
(51) F02K 1/34		ARVBY, Joakim
F02K 1/38	(72) THERON, Marie	STEEN, Stefan
(11) EP3274578	HERPE, Julien	GABRIELSSON, Annica
(21) EP16719444.8	JUES, Thomase	(31) PCT/SE2009/051367
(47) 01.05.2019	FORTUNIER, Pascal	(32) 02.12.2009
(87) FR2016050690	(31) 1558924	(33) World Intellectual Property Office (WIPO)
29.09.2016	(32) 22.09.2015	(51) F02M 35/10
(22) 25.03.2016	(33) France	B60K 13/02
(54) DEVICE WITH GRATINGS FOR EJECTING MICROJETS IN ORDER TO REDUCE THE JET NOISE OF A TURBINE ENGINE	(51) F02M 1/02	(11) EP3009653
	F02B 63/02	(21) EP15188691.8
(73) SAFRAN AIRCRAFT ENGINES	(11) EP3094852	(47) 01.05.2019
(72) MARDJONO, Jacky	(21) EP13897962.0	(22) 07.10.2015
CHANEZ, Philippe	(47) 01.05.2019	(54) INTAKE DEVICE FOR VEHICLE
GONZALEZ, Jérémy	(87) US2013071385	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
KOENIG, Maxime	28.05.2015	(72) TANAHASHI, Toshio
VERSAEVEL, Marc	(22) 22.11.2013	KANEHARA, Yoji
ZAGANELLI, Franck	(54) SINGLE STEP STARTING SYSTEM	YAMADA, Koshi
YESILCIMEN, Henri	(73) Husqvarna AB	(31) 2014211952
(31) 1552535	(72) ENRIQUEZ, Ruben	(32) 16.10.2014
1552536	SCHRIEVER, Robert	(33) Japan
(32) 26.03.2015	(51) F02M 25/08	(51) F02M 37/10
26.03.2015	F02M 35/02	F02M 37/14
(33) France	F02M 35/12	(11) EP3205527
France	(11) EP2715101	(21) EP17150749.4
(51) F02K 1/72	(21) EP12720494.9	(47) 01.05.2019
(11) EP3282116	(47) 01.05.2019	(22) 10.01.2017
(21) EP17183004.5	(87) EP2012058699	(54) VAPORIZED FUEL PROCESSING DEVICE
(47) 01.05.2019	15.11.2012	(73) HAMANAKODENSO CO., LTD.
(22) 25.07.2017	(22) 10.05.2012	(72) TOCHIHARA, Hideya
(54) AIRCRAFT GAS TURBINE ENGINE	(54) MOTOR VEHICLE HYDROCARBON TRAP AND METHOD	(31) 2016026074
NACELLE	(73) Jaguar Land Rover Limited	(32) 15.02.2016
(73) Rolls-Royce plc	(72) JACKSON, Graham	(33) Japan
(72) Bond, Jonathan	(31) 201107919	(51) F02M 47/02
(31) 201613613	(32) 12.05.2011	F02M 61/18
(32) 09.08.2016	(33) United Kingdom	(11) EP2867518
(33) United Kingdom	(51) F02M 26/29	(21) EP13724791.2
(51) F02K 9/52	F02M 26/32	(47) 01.05.2019
(11) EP3265663	F01P 3/00	(87) EP2013060195
(21) EP16714990.5	F28F 9/02	03.01.2014
(47) 01.05.2019	F28F 9/20	(22) 16.05.2013
(87) FR2016050464	F28F 9/22	(54) FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES
09.09.2016	F28D 7/16	(73) Robert Bosch GmbH
(22) 02.03.2016	F28D 21/00	(72) ZEITLHOFER, Hans-Peter
(54) IMPROVED PROPELLANT INJECTOR ALLOWING PROPELLANT TO BE DISCHARGED WHILE ENSURING UNIFORM INJECTION	(11) EP3196456	MITTER, Roland
	(21) EP16382019.4	(31) 102012210955
(73) ArianeGroup SAS	(47) 01.05.2019	(32) 27.06.2012
(72) LE CRAS, Jean-Luc	(22) 19.01.2016	(33) Germany
DELAHAYE, Olivier	(54) HEAT EXCHANGE DEVICE	(51) F02M 51/06
GUICHARD, Didier	(73) BORGWARNER EMISSIONS SYSTEMS SPAIN, S.L.U.	F02M 61/16
CRUZ, Carlos	(72) GRANDE FERNÁNDEZ, José Antonio	(11) EP3091219
HUMBERT, Erwan	RÍO, Pedro	(21) EP16168519.3
(31) 1551867	(51) F02M 35/06	(47) 01.05.2019
(32) 05.03.2015	F02B 63/02	(22) 05.05.2016
(33) France	F02M 35/022	(54) ELECTROMAGNETIC FUEL INJECTOR WITH AN ANNULAR RECESS ARRANGED IN THE AREA OF THE WELD OF AN EXTENSION
(51) F02K 9/52	F02M 35/10	(73) Magneti Marelli S.p.A.
F02K 9/60	(11) EP2507501	(72) VEZZANI, Enrico
F02K 9/95	(21) EP10834830.1	PETRECCIA, Stefano
(11) EP3147490	(47) 01.05.2019	(31) BO20150236
(21) EP16190235.8	(87) SE2010050552	(32) 05.05.2015
(47) 01.05.2019	09.06.2011	(33) Italy
(22) 22.09.2016	(22) 21.05.2010	(51) F02M 51/06
(54) PROPULSION SYSTEM OF A ROCKET	(54) HAND-HELD WORK APPARATUS POWERED BY INTERNAL COMBUSTION ENGINE	
	(73) Husqvarna AB	

F02M 61/20	(51) F02M 59/10	(73) SEG Automotive Germany GmbH
(11) EP3260695	F04B 1/04	(72) ROESSLE, Markus
(21) EP16176098.8	F04B 9/04	MAURITZ, Ewald
(47) 01.05.2019	(11) EP3283756	SENGBUSCH, Falco
(22) 24.06.2016	(21) EP16704870.1	(31) 102008042946
(54) VALVE ASSEMBLY FOR AN INJECTION VALVE AND INJECTION VALVE	(47) 01.05.2019	(32) 20.10.2008
(73) Continental Automotive GmbH	(87) EP2016053478	(33) Germany
(72) Falaschi, Filippo	20.10.2016	(51) F02N 11/08
Hamann, Christoph	(22) 18.02.2016	F02N 15/06
Marchi, Luigi	(54) FUEL PUMP	H01H 51/06
(51) F02M 55/02	(73) Delphi Technologies IP Limited	H01H 50/14
F02M 69/46	(72) AKIN, Levent	(11) EP2354533
F02F 7/00	(31) 201506173	(21) EP11000869.5
(11) EP2989318	(32) 13.04.2015	(47) 01.05.2019
(21) EP14706620.3	(33) United Kingdom	(22) 03.02.2011
(47) 01.05.2019	(51) F02M 59/36	(54) Switching apparatus for starter
(87) EP2014053701	F02M 63/00	(73) DENSO CORPORATION
30.10.2014	(11) EP3074624	(72) Murata, Mitsuhiro
(22) 26.02.2014	(21) EP14802890.5	Inagaki, Takahisa
(54) HOLDER FOR FASTENING A FUEL DISTRIBUTOR TO AN INTERNAL COMBUSTION ENGINE, AND SYSTEM HAVING A HOLDER OF THIS TYPE	(47) 01.05.2019	(31) 2010023104
(73) Robert Bosch GmbH	(87) EP2014075575	(32) 04.02.2010
(72) LANG, Klaus	04.06.2015	(33) Japan
REHWALD, Andreas	(22) 25.11.2014	(51) F03B 3/12
(31) 102013207368	(54) SOLENOID VALVE	(11) EP3211215
(32) 23.04.2013	(73) Robert Bosch GmbH	(21) EP17156195.4
(33) Germany	(72) KUNZ, Markus	(47) 01.05.2019
(51) F02M 55/02	LUCARELLI, Francesco	(22) 15.02.2017
F16L 55/033	KOENIG, Thomas	(54) IMPELLER BLADE OF A HYDRAULIC TURBOMACHINE WITH ANTI-CAVITATION STRIP AND ANTI-CAVITATION STRIP FOR AN IMPELLER BLADE
(11) EP2899392	(31) 102013224395	(73) Andritz Hydro GmbH
(21) EP15152041.8	(32) 28.11.2013	(72) WEISSER, Marco
(47) 01.05.2019	(33) Germany	KELLER, Markus
(22) 21.01.2015	(51) F02M 63/02	WALLIMANN, Henrik
(54) Vibration damper operating according to the spring-mass principle	F02M 63/00	FISCHER, Pascal
(73) Guido, Hans-Jürgen	(11) EP3262294	SALLABERGER, Manfred
(72) Ernst, Jürgen	(21) EP15707406.3	(31) 501432016
Guido, Hans-Jürgen	(47) 01.05.2019	(32) 26.02.2016
(31) 102014100781	(87) FI2015050102	(33) Austria
(32) 23.01.2014	01.09.2016	(51) F03B 13/18
(33) Germany	(22) 23.02.2015	F03B 13/20
(51) F02M 59/10	(54) FUEL INJECTION SYSTEM	(11) EP2601403
F02M 59/46	(73) Wärtsilä Finland Oy	(21) EP11813981.5
F04B 1/04	(72) VUOHJOKI, Antti	(47) 01.05.2019
(11) EP2697501	(51) F02N 3/02	(87) CA2011000861
(21) EP12706236.2	F02N 5/02	09.02.2012
(47) 01.05.2019	F02N 15/02	(22) 25.07.2011
(87) EP2012053005	(11) EP3084205	(54) WAVE ENERGY HARNESSING MECHANISM
18.10.2012	(21) EP13897681.6	(73) Savoie, Yves
(22) 22.02.2012	(47) 01.05.2019	(72) Savoie, Yves
(54) HIGH PRESSURE FUEL PUMP FOR A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE	(87) SE2013051350	(31) 201013036
(73) Robert Bosch GmbH	21.05.2015	(32) 03.08.2010
(72) AMBROCK, Sascha	(22) 18.11.2013	(33) United Kingdom
DUTT, Andreas	(54) STARTING DEVICE FOR AN INTERNAL COMBUSTION ENGINE	(51) F03B 15/02
OTTENBACHER, Dietmar	(73) Husqvarna AB	F03B 15/14
KOEHLER, Achim	(72) KULLBERG, Stefan	(11) EP2407663
BOECKING, Friedrich	PERSSON, Joakim	(21) EP11005584.5
TRAUB, Karl-Heinz	HANSSON, Anders	(47) 01.05.2019
GENTE, Arnold	FRANSSON, Håkan	(22) 07.07.2011
ZEHNDER, Frank	(51) F02N 11/08	(54) Turbine and method of controlling a turbine
(31) 102011007352	(11) EP2337946	(73) SOLARFOCUS Holding GmbH
(32) 14.04.2011	(21) EP09782229.0	(72) Kalkgruber, Johann
(33) Germany	(47) 01.05.2019	(31) 11812010
	(87) EP2009061013	(32) 13.07.2010
	29.04.2010	
	(22) 26.08.2009	
	(54) METHOD AND APPARATUS FOR A START-STOP CONTROL FOR AN INTERNAL COMBUSTION ENGINE	

(33) Austria	16.04.2015	(32) 11.03.2014
(51) F03D 1/00	(22) 07.10.2014	(33) Spain
B66C 1/10	(54) VERTICAL AXIS WIND TURBINE WITH	(51) F03D 13/10
F03D 13/10	PROTECTIVE SCREEN	B66C 1/10
(11) EP3211217	(73) Izquierdo Gonzalez, Aurelio	(11) EP2670977
(21) EP17153315.1	(72) Izquierdo Gonzalez, Aurelio	(21) EP12734295.4
(47) 01.05.2019	(31) 201300998	(47) 01.05.2019
(22) 05.10.2012	(32) 08.10.2013	(87) DK2012050013
(54) METHOD AND DEVICE FOR	(33) Spain	19.07.2012
MOUNTING A ROTOR OF A WIND	(51) F03D 7/02	(22) 11.01.2012
ENERGY SYSTEM	F03D 1/06	(54) A TOOL FOR MANAGEMENT OF
(73) Wobben Properties GmbH	(11) EP2957766	BLADES FOR WIND TURBINES
(72) Meyer, Wolfgang	(21) EP15172277.4	(73) Liftra IP ApS
Kuiper, Gerrit	(47) 01.05.2019	(72) FENGER, Per. E
Knoop, Frank	(22) 16.06.2015	(31) 201100019
(31) 102011084140	(54) PRESSURE SIDE STALL STRIP FOR	(32) 11.01.2011
(32) 07.10.2011	WIND TURBINE BLADE	(33) Denmark
(33) Germany	(73) Siemens Energy, Inc.	(51) F03D 13/10
(51) F03D 1/06	(72) Zamora Rodriguez, Alonso O.	F03D 13/20
(11) EP2728170	(31) 201414306381	(11) EP2998570
(21) EP13190483.1	(32) 17.06.2014	(21) EP14185847.2
(47) 01.05.2019	(33) United States of America	(47) 01.05.2019
(22) 28.10.2013	(51) F03D 7/02	(22) 22.09.2014
(54) Wind turbine blade with an offset suction	F03D 17/00	(54) Arrangement to align a part of a wind turbine
side	F03D 7/04	(73) Siemens Aktiengesellschaft
(73) Envision Energy (Denmark) ApS	F03D 9/25	(72) Moeller, Jesper
(72) Ruijter, Wout	(11) EP3199805	Nielsen, Jacob Groenvald
(31) 201270670	(21) EP16204308.7	(51) F03D 17/00
(32) 31.10.2012	(47) 01.05.2019	G01M 5/00
(33) Denmark	(22) 15.12.2016	F16B 37/14
(51) F03D 1/06	(54) Wind turbine power generating apparatus and	(11) EP3047144
(11) EP3064768	method of operating the same	(21) EP14758299.3
(21) EP15157571.9	(73) Mitsubishi Heavy Industries, Ltd.	(47) 01.05.2019
(47) 01.05.2019	(72) Baba, Mitsuya	(87) EP2014002360
(22) 04.03.2015	Hayashi, Yoshiyuki	26.03.2015
(54) A wind turbine rotor blade and a method for	Ariki, Wakako	(22) 01.09.2014
mounting a wind turbine rotor blade	(31) 2016015734	(54) APPARATUS, SYSTEM AND METHOD
(73) Siemens Aktiengesellschaft	(32) 29.01.2016	FOR MONITORING A FLANGE
(72) Grove-Nielsen, Erik	(33) Japan	CONNECTION OF A WIND ENERGY
(51) F03D 3/00	(51) F03D 7/02	INSTALLATION
F03D 3/04	F03D 80/50	(73) Senvion GmbH
(11) EP3243002	(11) EP3199804	(72) HÖR, Oliver
(21) EP15706292.8	(21) EP16204307.9	RIESBERG, André
(47) 01.05.2019	(47) 01.05.2019	(31) 102013218845
(87) HU2015000001	(22) 15.12.2016	(32) 19.09.2013
14.07.2016	(54) CONTROLLER FOR WIND TURBINE,	(33) Germany
(22) 12.01.2015	WIND TURBINE, PROGRAM FOR	(51) F03D 80/30
(54) REGULATABLE AIR-FLOW	ROTOR TURNING, AND METHOD OF	F03D 1/06
ACCELERATION UNIT FOR WIND	ROTOR TURNING FOR WIND TURBINE	(11) EP3173619
ENERGY CONVERSION EQUIPMENT	(73) Mitsubishi Heavy Industries, Ltd.	(21) EP16002484.0
(73) Havas, Gábor	(72) Baba, Mitsuya	(47) 01.05.2019
(72) HAVAS, Eszter	(31) 2016015735	(22) 23.11.2016
HAVAS, Gáborné	(32) 29.01.2016	(54) WIND TURBINE BLADE COMPRISING
(31) P1500003	(33) Japan	A LIGHTNING PROTECTION SYSTEM
(32) 05.01.2015	(51) F03D 7/02	EQUIPPED WITH RADAR ABSORBING
(33) Hungary	H02J 3/38	MATERIAL
(51) F03D 3/00	H02P 9/00	(73) SIEMENS GAMESA RENEWABLE
F03D 7/06	(11) EP2918824	ENERGY INNOVATION &
F03D 3/04	(21) EP15000676.5	TECHNOLOGY, S.L.
H02S 10/12	(47) 01.05.2019	(72) MADDOZ ZABALEGUI, Juan
F03D 80/30	(22) 09.03.2015	MARCH NOMEN, Victor
F03D 15/10	(54) WIND TURBINE INERTIA CONTROL	(31) 201500840
F03D 9/25	SYSTEM	(32) 24.11.2015
(11) EP3055558	(73) SIEMENS GAMESA RENEWABLE	(33) Spain
(21) EP14793793.2	ENERGY INNOVATION &	(51) F04B 1/04
(47) 01.05.2019	TECHNOLOGY, S.L.	F04B 9/04
(87) EP2014071424	(72) Jimenez Buendia, Francisco	F02M 59/06
	(31) 201400192	

F02M 59/10	F04B 39/16	(22) 21.09.2012
(11) EP2964954	(11) EP2416011	(54) PERISTALTIC PUMP
(21) EP14702011.9	(21) EP10755654.0	(73) Sanofi-Aventis Deutschland GmbH
(47) 01.05.2019	(47) 01.05.2019	(72) NZIKE, Philippe
(87) EP2014051767	(87) JP2010002059	SCHABBACH, Michael
12.09.2014	30.09.2010	ZECKAI, Olaf
(22) 30.01.2014	(22) 24.03.2010	WERNER, Meinolf
(54) HIGH-PRESSURE PUMP FOR A FUEL INJECTION SYSTEM	(54) DISCHARGE MUFFLER AND TWO-STAGE COMPRESSOR WITH DISCHARGE MUFFLER	SIMONOWSKY, Ole
(73) Robert Bosch GmbH	(73) Daikin Industries, Ltd.	(31) 11182228
(72) BOECKING, Friedrich	(72) SATA, Kenichi	(32) 21.09.2011
(31) 102013203874	FUJIMOTO, Shuuji	(33) European Patent Office (EPO)
102013206025	(31) 2009074423	(51) F04B 43/12
(32) 07.03.2013	(32) 25.03.2009	A61M 5/142
05.04.2013	(33) Japan	(11) EP2920465
(33) Germany	(51) F04B 39/12	(21) EP13762712.1
Germany	(11) EP1844235	(47) 01.05.2019
(51) F04B 1/04	(21) EP05822925.3	(87) US2013058741
F04D 29/046	(47) 01.05.2019	22.05.2014
F02M 59/44	(87) DK2005000823	(22) 09.09.2013
F02M 55/00	29.06.2006	(54) PERISTALTIC PUMP CASSETTE
F04B 53/16	(22) 22.12.2005	(73) KPR U.S., LLC
(11) EP3234357	(54) A COMPRESSION CHAMBER UNIT AND A METHOD FOR FORMING SUCH UNIT	(72) BREITWEISER, Kenneth, M.
(21) EP15787968.5	(73) Active Tools International (HK) Ltd.	HARR, James, M.
(47) 01.05.2019	(72) LAETGAARD, Thomas	WIESNER, Joel, D.
(87) EP2015074880	(31) 200401971	(31) 201261726283 P
23.06.2016	(32) 22.12.2004	(32) 14.11.2012
(22) 27.10.2015	(33) Denmark	(33) United States of America
(54) HIGH-PRESSURE PUMP AND METHOD FOR PRODUCING A HIGH-PRESSURE PUMP	(51) F04B 43/08	(51) F04B 49/00
(73) Robert Bosch GmbH	F04B 43/113	F04C 18/02
(72) TUECHERT, Carsten	F04B 45/04	(11) EP2917583
LAMM, Marco	F04B 45/053	(21) EP13843672.0
(31) 102014225794	(11) EP2572082	(47) 01.05.2019
(32) 15.12.2014	(21) EP11783862.3	(87) US2013062877
(33) Germany	(47) 01.05.2019	10.04.2014
(51) F04B 9/131	(87) US2011000881	(22) 01.10.2013
F04B 23/02	24.11.2011	(54) METHODS AND SYSTEMS TO DETECT AN OPERATION CONDITION OF A COMPRESSOR
F16N 13/16	(22) 18.05.2011	(73) Thermo King Corporation
(11) EP3315772	(54) LOW ICE PNEUMATIC MOTOR EXHAUST MUFFLER	(72) BURNHAM, Randy, Scott
(21) EP17197713.5	(73) Graco Minnesota Inc.	RENKEN, David, Jon
(47) 01.05.2019	(72) ROMAN, Timothy, S.	LUCHT, Erich, Albert
(22) 23.10.2017	COLLINS, Adam, K.	HALL, Cullen, Evan
(54) PNEUMATIC IMMERSION LUBRICANT PUMP	(31) 345655 P	(31) 201261708338 P
(73) DROPSA S.p.A.	(32) 18.05.2010	(32) 01.10.2012
(72) DIVISI, Walter	(33) United States of America	(33) United States of America
(31) 201600108856	(51) F04B 43/10	(51) F04B 53/14
(32) 27.10.2016	F04B 43/113	F04B 35/04
(33) Italy	(11) EP3052805	F04B 33/00
(51) F04B 25/00	(21) EP14778035.7	F04B 35/06
F04B 41/06	(47) 01.05.2019	F04B 39/00
F04D 25/06	(87) US2014056756	F04B 39/12
F04D 25/16	09.04.2015	F04B 41/02
B60T 17/02	(22) 22.09.2014	(11) EP2955383
(11) EP2990646	(54) PERISTALTIC SUBMERSIBLE PUMP	(21) EP13874732.4
(21) EP14183097.6	(73) Saudi Arabian Oil Company	(47) 01.05.2019
(47) 01.05.2019	(72) LASTRA, Rafael	(87) CN2013071531
(22) 01.09.2014	(31) 201361885785 P	14.08.2014
(54) Vehicle and compressor assembly	(32) 02.10.2013	(22) 07.02.2013
(73) Nabtesco ITG GmbH	(33) United States of America	(54) AIR COMPRESSOR CONSTRUCTION
(72) Bredel, Eberhard	(51) F04B 43/12	(73) Chou, Wen-san
(51) F04B 39/00	(11) EP2764246	(72) Chou, Wen-San
F04B 39/02	(21) EP12759778.9	(51) F04C 18/02
F04B 39/04	(47) 01.05.2019	(11) EP2956673
F04C 23/00	(87) EP2012068695	(21) EP14707929.7
F04C 29/06	28.03.2013	(47) 01.05.2019
		(87) BE2014000009
		21.08.2014

(22) 11.02.2014	(72) SCHOFIELD, Nigel Paul	(11) EP3339651
(54) SCROLL COMPRESSOR.	SEELEY, Andrew	(21) EP16206675.7
(73) Atlas Copco Airpower, Naamloze Vennootschap	NISHIMURA, Katsumi	(47) 01.05.2019
(72) MOENS, Benjamin	TAKAHASHI, Katsunori	(22) 23.12.2016
STOOP Koen		(54) VACUUM PUMP
(31) 201300101	(31) 201500133	(73) PFEIFFER VACUUM GMBH
(32) 15.02.2013	(32) 06.01.2015	(72) Hofmann, Bernd
(33) Belgium	(33) United Kingdom	Mekota, Mirko
(51) F04C 18/344	(51) F04C 23/00	(51) F04D 19/04
F04C 29/02	F04C 29/00	F04D 23/00
F04C 18/348	F04C 18/02	F04D 29/057
(11) EP2963299	F01C 17/06	F04D 17/16
(21) EP15001841.4	(11) EP3194782	(11) EP2956674
(47) 01.05.2019	(21) EP15760194.9	(21) EP13705549.7
(22) 22.06.2015	(47) 01.05.2019	(47) 01.05.2019
(54) METHOD FOR COMPRESSING STEAM AND STEAM COMPRESSOR	(87) EP2015070568	(87) GB2013050363
(73) Knut, Denecke	24.03.2016	21.08.2014
(72) Knut, Denecke	(22) 09.09.2015	(22) 15.02.2013
(31) 102014010149	(54) SCROLL COMPRESSOR	(54) VACUUM PUMP
(32) 03.07.2014	(73) BITZER Kühlmaschinenbau GmbH	(73) Edwards Limited
(33) Germany	(72) GOSSEN, Dimitri	(72) SCHOFIELD, Nigel
(51) F04C 18/356	CEYLAN, Muzaffer	DOWDESWELL, Stephen
F04C 28/26	(31) 102014113435	(51) F04D 25/02
F04C 28/06	(32) 17.09.2014	F04D 29/26
F04C 23/00	(33) Germany	F24C 15/20
(11) EP2551526	(51) F04D 13/06	(11) EP3368773
(21) EP12167431.1	F04D 29/048	(21) EP16775148.6
(47) 01.05.2019	(11) EP3018352	(47) 01.05.2019
(22) 10.05.2012	(21) EP15192701.9	(87) EP2016072802
(54) Two stage rotary compressor	(47) 01.05.2019	06.04.2017
(73) Mitsubishi Electric Corporation	(22) 03.11.2015	(22) 26.09.2016
(72) Fukaya, Atsuyoshi	(54) MAGNETIC LEVITATED PUMP	(54) AIR INTAKE DEVICE FOR AN EXTRACTOR HOOD
Tani, Masao	(73) Ebara Corporation	(73) Berling Aero IP UG (Haftungsbeschränkt)
(31) 2011165094	(72) SATO, Ichiju	(72) BERLING, Udo
(32) 28.07.2011	SOBUKAWA, Hiroshi	(31) 102015218612
(33) Japan	BARADA, Toshimitsu	(32) 28.09.2015
(51) F04C 23/00	OHASHI, Tomonori	(33) Germany
F04C 18/356	MORI, Satoshi	(51) F04D 25/08
F04C 29/00	(31) 2014226210	F04D 29/38
(11) EP3015712	(32) 06.11.2014	F04D 29/68
(21) EP14849841.3	(33) Japan	(11) EP2118494
(47) 01.05.2019	(51) F04D 15/00	(21) EP08730941.5
(87) JP2014071702	F04B 49/02	(47) 01.05.2019
02.04.2015	F04D 15/02	(87) US2008055266
(22) 20.08.2014	F04B 49/20	22.01.2009
(54) ROTARY COMPRESSOR	F04D 1/00	(22) 28.02.2008
(73) MITSUBISHI HEAVY INDUSTRIES	F04D 13/08	(54) ANGLED AIRFOIL EXTENSION FOR FAN BLADE
THERMAL SYSTEMS, LTD.	(11) EP3158201	(73) Delta T, LLC
(72) OGAWA, Makoto	(21) EP15732442.7	(72) OLESON, Richard, A.
ESAKI, Ikuo	(47) 01.05.2019	AYNSLEY, Richard, M.
UNO, Masanari	(87) IB2015054500	JURY, Dale, R.
(31) 2013201575	23.12.2015	(31) 892339 P
(32) 27.09.2013	(22) 15.06.2015	(32) 01.03.2007
(33) Japan	(54) METHOD FOR SHUTTING OFF A PUMP AS WELL AS PUMP STATION ARRANGEMENT	(33) United States of America
(51) F04C 23/00	(73) Xylem Europe GmbH	(51) F04D 29/041
F04C 25/02	(72) LARSSON, Martin	F16C 17/06
(11) EP3247907	MÖKANDER, Jürgen	F16C 27/08
(21) EP16700506.5	ZETTERQUIST, Martin	(11) EP2649323
(47) 01.05.2019	(31) 1450756	(21) EP11794479.3
(87) GB2016050019	(32) 17.06.2014	(47) 01.05.2019
14.07.2016	(33) Sweden	(87) EP2011072382
(22) 06.01.2016	(51) F04D 17/16	14.06.2012
(54) VACUUM EXHAUST SYSTEM AND CHANNEL-SWITCHING VALVE USED IN THIS VACUUM EXHAUST SYSTEM	F04D 19/04	(22) 09.12.2011
(73) Edwards Limited	F04D 25/06	(54) THRUST BEARING DEVICE
	F04D 27/02	(73) Caprari S.p.A.
	F16K 99/00	(72) GAMBIGLIANI ZOCCOLI, Antonio

(31) BO20100730	(54) TURBOMACHINE BLADE WITH IMPROVED STACKING LINE	(72) GAINS-GERMAIN, Andrea Mary
(32) 10.12.2010		MARTIN, Jeremy Grant
(33) Italy	(73) Safran Aircraft Engines	GHASRIPOOR, Farshad
(51) F04D 29/08	(72) PESTEIL, Agnès	(31) 201462044095 P
F04D 29/42	PERROT, Vincent	(32) 29.08.2014
F16J 15/06	(31) 1060538	(33) United States of America
F04D 1/06	(32) 15.12.2010	(51) F15B 1/02
F04D 29/62	(33) France	F15B 3/00
(11) EP3029332	(51) F04D 29/38	F15B 13/04
(21) EP15189336.9	(11) EP2433014	(11) EP3036442
(47) 01.05.2019	(21) EP10724699.3	(21) EP14793199.2
(22) 12.10.2015	(47) 01.05.2019	(47) 01.05.2019
(54) AXIALLY SPLIT PUMP	(87) EP2010003082	(87) FR2014052006
(73) Sulzer Management AG	25.11.2010	26.02.2015
(72) Handloser, Willy	(22) 19.05.2010	(22) 01.08.2014
Welschinger, Thomas	(54) FAN BLADE	(54) REVERSIBLE HYDRAULIC PRESSURE
Tischler, Heike	(73) W & S Management GmbH & Co. KG	CONVERTER WITH TUBULAR VALVES
(31) 14196438	(72) WITT, Henrik	(73) Rabhi, Vianney
(32) 05.12.2014	(31) 102009022181	(72) Rabhi, Vianney
(33) European Patent Office (EPO)	(32) 20.05.2009	(31) 1358071
(51) F04D 29/28	(33) Germany	(32) 20.08.2013
F04D 29/22	(51) F04D 29/38	(33) France
F04D 17/12	F01D 5/28	(51) F15B 11/028
F01D 5/02	(11) EP2594805	E02F 9/22
F01D 5/14	(21) EP11806782.6	F15B 11/00
F04D 29/26	(47) 01.05.2019	F15B 11/05
(11) EP2816236	(87) JP2011065893	F15B 11/16
(21) EP13749725.1	19.01.2012	E02F 3/32
(47) 01.05.2019	(22) 12.07.2011	(11) EP3159550
(87) JP2013053044	(54) FAN ROTOR BLADE AND FAN	(21) EP15811218.5
22.08.2013	(73) IHI Corporation	(47) 01.05.2019
(22) 08.02.2013	(72) MUROOKA, Takeshi	(87) JP2015066779
(54) IMPELLER AND ROTATING MACHINE PROVIDED WITH SAME	KUROKI, Hiroshi	30.12.2015
(73) Mitsubishi Heavy Industries Compressor Corporation	KAJIWARA, Rintaro	(22) 10.06.2015
(72) YAGI Nobuyori	OBUCHI, Kenro	(54) HYDRAULIC DRIVING SYSTEM FOR A CONSTRUCTION MACHINE
HIRATA Daisuke	(31) 2010160709	(73) HITACHI CONSTRUCTION MACHINERY
(31) 2012028763	(32) 15.07.2010	TIERRA CO., LTD.
(32) 13.02.2012	(33) Japan	(72) TAKAHASHI Kiwamu
(33) Japan	(51) F04F 1/02	MORI Kazushige
(51) F04D 29/28	F04F 5/24	ITO Masamichi
F04D 29/66	B65G 53/28	TAKEBAYASHI Yoshifumi
F04D 29/70	F16K 15/18	NAKAMURA Natsuki
(11) EP2122182	F04F 5/48	OKAZAKI Yasuharu
(21) EP08707176.7	F04F 5/54	YAMADA Kenji
(47) 01.05.2019	F16K 1/20	(31) 2014128018
(87) EP2008000443	(11) EP3155267	(32) 23.06.2014
28.08.2008	(21) EP14895142.9	(33) Japan
(22) 22.01.2008	(47) 01.05.2019	(51) F15B 21/14
(54) VENTILATOR WHEEL, SYSTEM AND TRANSMISSION LINE	(87) AU2014000632	F15B 21/08
(73) SEW-EURODRIVE GmbH & Co. KG	23.12.2015	E02F 9/22
(72) LEONHARD, Steffen	(22) 18.06.2014	(11) EP2971795
SAAR, Steffen	(54) PNEUMATIC PUMP	(21) EP14720401.0
(31) 102007009369	(73) Solidsvac Pty Ltd	(47) 01.05.2019
(32) 23.02.2007	(72) KROHN, Mark, Damien	(87) US2014029190
(33) Germany	(31) 2014902302	18.09.2014
(51) F04D 29/32	(32) 16.06.2014	(22) 14.03.2014
F01D 5/14	(33) Australia	(54) METHODS AND SYSTEMS FOR FLOW SHARING IN A HYDRAULIC TRANSFORMER SYSTEM WITH MULTIPLE PUMPS
F01D 5/20	(51) F04F 13/00	(73) Eaton Corporation
(11) EP2652336	(11) EP3186518	(72) DANZL, Per, William
(21) EP11817347.5	(21) EP15766960.7	MAHULKAR, Vishal, Vijay
(47) 01.05.2019	(47) 01.05.2019	(31) 201361798649 P
(87) FR2011053000	(87) US2015047504	201361791895 P
21.06.2012	03.03.2016	(32) 15.03.2013
(22) 15.12.2011	(22) 28.08.2015	15.03.2013
	(54) SYSTEMS AND METHOD FOR PUMP PROTECTION WITH A HYDRAULIC ENERGY TRANSFER SYSTEM	
	(73) Energy Recovery, Inc.	

(33) United States of America United States of America	(11) EP2877727 (21) EP13823805.0 (47) 01.05.2019 (87) US2013051191 30.01.2014 (22) 19.07.2013 (54) TOP HAT BEARING RETAINER FOR VARIABLE VANE ACTUATOR (73) United Technologies Corporation (72) LITTLE, Jonathan D. (31) 201213558392 (32) 26.07.2012 (33) United States of America	(11) EP2867550 (21) EP13745198.5 (47) 01.05.2019 (87) IB2013055305 03.01.2014 (22) 28.06.2013 (54) IMPROVEMENTS IN FLUID BEARINGS (73) Outotec (Finland) Oy (72) BRAITHWAITE, Daniel BELKE, Jeffrey, Victor GREEN, Nicholas, John TATE, Chris HARRISON, Oscar VAAGE, Knut
(51) F16B 7/04 (11) EP2685111 (21) EP12176195.1 (47) 01.05.2019 (22) 12.07.2012 (54) Clamp piece for a detachable connection of two profile pieces (73) Syma Intercontinental AG (72) Strässle, Marcel Züllig, Kurt (31) 12175588 (32) 09.07.2012 (33) European Patent Office (EPO)	(51) F16C 25/06 F16H 57/037 (11) EP2525109 (21) EP12167239.8 (47) 01.05.2019 (22) 09.05.2012 (54) Device and method for a bearing (73) Scania CV AB (72) Strömbom, Vidar (31) 1150453 (32) 18.05.2011 (33) Sweden	(31) 2012902770 (32) 28.06.2012 (33) Australia
(51) F16B 7/18 F16B 37/04 (11) EP3277966 (21) EP16721234.9 (47) 01.05.2019 (87) IB2016051877 06.10.2016 (22) 01.04.2016 (54) WIRING UNIT FOR GROOVED BARS PROVIDED WITH A T-SHAPED RECESS (73) Lafer S.r.l. (72) GONELLA, Giampaolo (31) VI20150094 (32) 03.04.2015 (33) Italy	(51) F16C 32/04 (11) EP2779373 (21) EP14160299.5 (47) 01.05.2019 (22) 17.03.2014 (54) ROTATING MACHINE WITH MAGNETIC BEARING (73) Ingersoll-Rand Company (72) Salmia, Lauri Juhani Maki-Ontto, Petri Juhani (31) 201361801417 P 201414214762 (32) 15.03.2013 15.03.2014 (33) United States of America United States of America	(51) F16C 33/12 C22C 9/02 F02D 9/10 F16C 33/06 (11) EP3037686 (21) EP14838075.1 (47) 01.05.2019 (87) JP2014063767 26.02.2015 (22) 26.05.2014 (54) ELECTRIC AIR FLOW CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINES (73) Hitachi Automotive Systems, Ltd. (72) HIRANUMA Daisuke MOKUO Masahiro OJIMA Kazuo BABA Noboru (31) 2013170052 (32) 20.08.2013 (33) Japan
(51) F16B 13/06 (11) EP3308039 (21) EP16727212.9 (47) 01.05.2019 (87) EP2016062851 15.12.2016 (22) 07.06.2016 (54) EXPANSION DOWEL HAVING DOUBLE COATING (73) Hilti Aktiengesellschaft (72) GSTACH, Peter BECKERT, Michael WINKLER, Bernhard SCHOLZ, Patrick (31) 15171632 (32) 11.06.2015 (33) European Patent Office (EPO)	(51) F16C 32/04 F04D 19/04 F16C 19/06 (11) EP2884125 (21) EP14187050.1 (47) 01.05.2019 (22) 30.09.2014 (54) ROTATING SYSTEM (73) PFEIFFER VACUUM GMBH (72) Wirth, Adrian Mekota, Mirko (31) 102013113986 (32) 13.12.2013 (33) Germany	(31) 2012902770 (32) 28.06.2012 (33) Australia
(51) F16C 7/06 F02B 75/04 (11) EP3058239 (21) EP14789207.9 (47) 01.05.2019 (87) EP2014071890 23.04.2015 (22) 13.10.2014 (54) LENGTH-ADJUSTABLE CONNECTING ROD (73) AVL List GmbH (72) MELDE-TUCZAI, Helmut LICHTENEGGER, Stefan HOEDL, Bernhard (31) 506742013 (32) 18.10.2013 (33) Austria	(51) F16C 32/04 H02K 7/09 F04D 29/048 (11) EP3135933 (21) EP15182300.2 (47) 01.05.2019 (22) 25.08.2015 (54) ACTIVE MAGNETIC BEARING (73) ReinHeart GmbH (72) Henseler, Andreas Deng, Hongyu (51) F16C 32/06	(51) F16C 33/62 F16C 33/64 B22F 3/10 B22F 3/24 B22F 5/00 C22C 38/22 C22C 38/24 C22C 38/30 C22C 38/36 (11) EP2935918 (21) EP13818724.0 (47) 01.05.2019 (87) EP2013077160 26.06.2014 (22) 18.12.2013 (54) A METHOD FOR MANUFACTURING A BALL BEARING, NOTABLY FOR A BUTTERFLY VALVE IN AN AERONAUTICAL ENVIRONMENT (73) Liebherr-Aerospace Toulouse SAS SKF Aerospace France (72) LE JEUNE, Gwénoél MAHEO, Yves ROCCHI, Jérôme (31) 1262632 (32) 21.12.2012 (33) France
(51) F16C 11/06 F01D 17/16 F04D 29/56		(51) F16D 1/02 F16D 1/06 (11) EP2986864

- (21) EP14724397.6
(47) 01.05.2019
(87) EP2014059542
04.12.2014
(22) 09.05.2014
(54) CLUTCH HUB
(73) Flender GmbH
VEM Sachsenwerk GmbH
(72) JANSEN, Andre
PROSKE, Jens
(31) 102013210076
(32) 29.05.2013
(33) Germany
-
- (51) F16D 3/38
F16D 3/28
F16D 3/32
F01C 1/063
F16C 11/12
F16F 1/04
(11) EP3249254
(21) EP17170510.6
(47) 01.05.2019
(22) 10.05.2017
(54) MECHANICAL LINK
(73) Ultra Electronics Limited
(72) KEEN., Phil
(31) 201609381
(32) 27.05.2016
(33) United Kingdom
-
- (51) F16D 3/84
(11) EP3329138
(21) EP16750982.7
(47) 01.05.2019
(87) FR2016051919
02.02.2017
(22) 22.07.2016
(54) DUST BOOT FOR TRANSMISSION
JOINT AND CORRESPONDING
TRANSMISSION ASSEMBLY
(73) Trelleborg Boots France
(72) HOUIS, Jacques
BOUHOUR, Jean-Luc
MAITAY, Frédéric
(31) 1557120
(32) 27.07.2015
(33) France
-
- (51) F16D 13/38
(11) EP3322909
(21) EP16766473.9
(47) 01.05.2019
(87) DE2016200315
19.01.2017
(22) 12.07.2016
(54) COUPLING MODULE FOR A DRIVE
TRAIN OF A MOTOR VEHICLE
(73) Schaeffler Technologies AG & Co. KG
(72) BAUMANN, Michael
KELLER, Aurelie
KIMMIG, Karl-Ludwig
AGNER, Ivo
(31) 102015213101
(32) 13.07.2015
(33) Germany
-
- (51) F16D 13/50
F16D 13/69
F16D 13/58
F16D 13/38
F16D 13/70
(11) EP3225866
(21) EP17160735.1
(47) 01.05.2019
(22) 14.03.2017
(54) MULTI-PLATE CLUTCH
(73) AISIN SEIKI KABUSHIKI KAISHA
(72) SAITO, Shun
(31) 2016063611
(32) 28.03.2016
(33) Japan
-
- (51) F16D 13/64
(11) EP3015732
(21) EP15192040.2
(47) 01.05.2019
(22) 29.10.2015
(54) CLUTCH DISC FOR FRICTION CLUTCH
(73) Valeo Matériaux de Friction
(72) PINEDA, Philippe
CROSLAND, Gérard
DUCHATEL, Stéphane
BOUCHAUD, Frédéric
(31) 1460437
(32) 30.10.2014
(33) France
-
- (51) F16D 13/68
F16D 13/64
(11) EP3036452
(21) EP14796390.4
(47) 01.05.2019
(87) AT2014050178
26.02.2015
(22) 20.08.2014
(54) FRICTION ELEMENT
(73) Miba Frictec GmbH
(72) MÜHLEGGGER, Markus
(31) 505222013
(32) 23.08.2013
(33) Austria
-
- (51) F16D 25/00
B60W 20/00
B60W 10/02
B60W 10/115
B60W 30/18
B60W 30/186
B60W 20/40
B60W 20/11
(11) EP2447561
(21) EP11187249.5
(47) 01.05.2019
(22) 31.10.2011
(54) Hydraulic control apparatus for vehicle
(73) JATCO Ltd
Nissan Motor Co., Ltd.
(72) Mochiyama, Shinya
Yamamoto, Hideharu
(31) 2010245724
(32) 01.11.2010
(33) Japan
-
- (51) F16D 55/227
F16D 65/40
F16D 65/18
(11) EP3026286
(21) EP15176441.2
(47) 01.05.2019
(22) 13.07.2015
(54) DISC BRAKE FOR A COMMERCIAL
VEHICLE
(73) KNORR-BREMSE Systeme für
Nutzfahrzeuge GmbH
(72) FISCHER, Rudolf
BALINT, Peter
KLINGNER, Matthias
WEBER, Ralf
(31) 102014111226
102015105344
(32) 07.08.2014
09.04.2015
(33) Germany
Germany
-
- (51) F16D 55/228
(11) EP3045758
(21) EP16151631.5
(47) 01.05.2019
(22) 18.01.2016
(54) OPPOSED-PISTON DISK BRAKE
CALIPER
(73) AKEBONO BRAKE INDUSTRY CO., LTD.
(72) MORIO, Takefumi
NOGUCHI, Tetsuya
SUZUKI, Tsuyoshi
TOTSUKA, Yoshio
(31) 2015007599
(32) 19.01.2015
(33) Japan
-
- (51) F16D 65/12
(11) EP3102844
(21) EP15701541.3
(47) 01.05.2019
(87) EP2015051764
13.08.2015
(22) 29.01.2015
(54) METHOD FOR PRODUCING A BRAKE
DISC, AND BRAKE DISC
(73) Ford Global Technologies, LLC
(72) BRODA, Maik
VERPOORT, Clemens Maria
BRUGGEN, Ivan
GRABIEC, Tomasz Pawel
BRETSCHNEIDER, Annett
KÜHN, Wolfgang
(31) 102014202068
(32) 05.02.2014
(33) Germany
-
- (51) F16D 65/18
(11) EP3077697
(21) EP14806226.8
(47) 01.05.2019
(87) EP2014075802
11.06.2015
(22) 27.11.2014
(54) MOTOR VEHICLE BRAKE
WHICH CAN BE ACTIVATED
ELECTROMECHANICALLY AND
HYDRAULICALLY AND HAS
OPTIONAL SELF-LOCKING
(73) Lucas Automotive GmbH
(72) OHLIG, Benedikt
POERTZGEN, Gregor
(31) 102013020468
(32) 06.12.2013
(33) Germany
-
- (51) F16F 3/02
F16F 1/16
F16F 1/18
H04M 1/02

(11) EP2801731	(73) Steinel Normalien AG	(54) TORQUE TRANSMITTING DEVICE FOR
(21) EP13743416.3	(72) Elfers, Heinz	A MOTOR VEHICLE
(47) 01.05.2019	Feisthammel, Horst	(73) Valeo Embrayages
(87) JP2013051504	(31) 102014104479	(72) ROST, Jonathan
08.08.2013	(32) 31.03.2014	BOUCHENY, Pierre
(22) 24.01.2013	(33) Germany	<hr/>
(54) SPRING UNIT AND SLIDE MECHANISM	(51) F16F 13/14	(51) F16F 15/305
(73) Mitsubishi Steel MFG. CO., LTD.	(11) EP2516886	(11) EP3022461
(72) MITSUI, Yasuhiro	(21) EP10794889.5	(21) EP14742333.9
HIROKANE, Toru	(47) 01.05.2019	(47) 01.05.2019
(31) 2012018743	(87) EP2010007578	(87) GB2014052204
(32) 31.01.2012	30.06.2011	22.01.2015
(33) Japan	(22) 13.12.2010	(22) 18.07.2014
<hr/>	(54) HYDROELASTIC FUNCTIONAL	(54) FLYWHEELS FOR ENERGY STORAGE
(51) F16F 7/00	ELEMENT AND HYDROELASTIC JOINT	AND METHODS OF MANUFACTURE
H05K 7/14	(73) Anvis SD France SAS	THEREOF
H05K 7/20	(72) RENARD, Franck	(73) GKN Hybrid Power Limited
(11) EP2074337	JANDOT, Gérard	(72) TARRANT, Colin David
(21) EP07842326.6	(31) 0959423	BAILEY, Mark
(47) 01.05.2019	(32) 22.12.2009	(31) 201312927
(87) US2007078269	(33) France	(32) 19.07.2013
20.03.2008	<hr/>	(33) United Kingdom
(22) 12.09.2007	(51) F16F 13/14	<hr/>
(54) OPERATION READY TRANSPORTABLE	F16F 13/18	(51) F16G 1/08
DATA CENTER IN A SHIPPING	F16F 13/16	F16G 5/06
CONTAINER	(11) EP2906852	F16G 1/28
(73) Oracle America, Inc.	(21) EP13733287.0	F16G 5/20
(72) HILLIS, W. Daniel	(47) 01.05.2019	(11) EP3183472
YATES, Randall A.	(87) EP2013063798	(21) EP15771502.0
FERREN, Bran	06.02.2014	(47) 01.05.2019
KHANLIAN, Luke W.	(22) 01.07.2013	(87) DE2015000419
SALTER, Kenneth D.	(54) HYDRAULICALLY DAMPING BUSH	25.02.2016
DUTTWEILER, Mark	BEARING	(22) 19.08.2015
(31) 520110	(73) Audi AG	(54) FORCE TRANSMISSION BELT
520426	BOGE Elastmetall GmbH	(73) Arntz Beteiligungs GmbH & Co. KG
520106	(72) SCHNAARS, Wolfgang	(72) HAZIM, Salem
520105	CONRAD, Thomas	GIEßMANN, Michael
520108	(31) 102012213446	(31) 102014012189
(32) 13.09.2006	(32) 31.07.2012	(32) 20.08.2014
13.09.2006	(33) Germany	(33) Germany
13.09.2006	<hr/>	<hr/>
13.09.2006	(51) F16F 15/134	(51) F16G 11/04
(33) United States of America	F16H 45/02	F16G 11/10
United States of America	F16F 15/123	F16G 11/14
United States of America	F16D 13/64	G09F 3/03
United States of America	(11) EP3348858	(11) EP3102848
United States of America	(21) EP16873146.1	(21) EP15745948.8
United States of America	(47) 01.05.2019	(47) 01.05.2019
<hr/>	(87) JP2016086954	(87) MY2015000008
(51) F16F 7/01	15.06.2017	13.08.2015
F16L 55/033	(22) 12.12.2016	(22) 05.02.2015
(11) EP2932133	(54) DAMPER DEVICE	(54) A CABLE LOCK AND SEAL DEVICE
(21) EP13811086.1	(73) AISIN AW CO., LTD.	(73) Mega Fortris (Malaysia) Sdn. Bhd.
(47) 01.05.2019	(72) TAKIKAWA, Yoshihiro	(72) CHUA, Yuen Kam
(87) US2013073221	NAGAI, Hiroki	(31) PI2014700257
19.06.2014	WAJIMA, Masaki	(32) 07.02.2014
(22) 05.12.2013	SAKAMOTO, Takao	(33) Malaysia
(54) VIBRATION DAMPING APPARATUS	ITOU, Kazuhiro	<hr/>
(73) ITT Manufacturing Enterprises LLC	(31) 2015241277	(51) F16H 1/28
(72) WEISBECK, Jeffrey, N.	(32) 10.12.2015	F16H 3/44
(31) 201213712395	(33) Japan	(11) EP3019771
(32) 12.12.2012	<hr/>	(21) EP14749921.4
(33) United States of America	(51) F16F 15/14	(47) 01.05.2019
<hr/>	F16F 15/134	(87) FR2014051760
(51) F16F 9/32	(11) EP2954224	15.01.2015
F16F 9/02	(21) EP13711557.2	(22) 09.07.2014
(11) EP2937593	(47) 01.05.2019	(54) INCORPORATION OF A GEAR TRAIN IN
(21) EP15161828.7	(87) FR2013050279	A PINION WALL IN A GEARBOX FOR A
(47) 01.05.2019	14.08.2014	TURBOMACHINE
(22) 31.03.2015	(22) 11.02.2013	(73) Safran Transmission Systems
(54) GAS COMPRESSION SPRING		(72) PRUNERA-USACH, Stéphane
		BECK, Guillaume

PELTIER, Jordane	(73) Volkswagen Aktiengesellschaft	(22) 14.09.2012
(31) 1356787	(72) PETERSEN, Rainer	(54) TORQUE-SPLITTING TRANSMISSION
(32) 10.07.2013	MÖCKEL, Jörg	(73) Liebherr-Components Biberach GmbH
(33) France	LUTZ, Andreas	(72) SCHINDLER, Viktor
(51) F16H 3/091	HANKE, Stefan	CHRIST, Clemens
B60L 15/20	(31) 102012010316	(31) 102011115002
(11) EP2738421	(32) 24.05.2012	(32) 06.10.2011
(21) EP11869849.7	(33) Germany	(33) Germany
(47) 01.05.2019	(51) F16H 13/06	(51) F16H 55/56
(87) JP2011078503	F16H 57/00	F16H 61/662
31.01.2013	(11) EP2600034	(11) EP2791551
(22) 02.12.2011	(21) EP11812204.3	(21) EP12815830.0
(54) TRANSMISSION AND ELECTRIC	(47) 01.05.2019	(47) 01.05.2019
VEHICLE COMPRISING SAME	(87) JP2011064649	(87) IB2012057207
(73) Aichi Kikai Kogyo Kabushiki Kaisha	02.02.2012	04.07.2013
(72) KAMINAGA, Seiji	(22) 27.06.2011	(22) 12.12.2012
(31) 2011162653	(54) TRACTION DRIVE MECHANISM	(54) TRANSMISSION SYSTEM WITH DEVICE
(32) 25.07.2011	(73) Kabushiki Kaisha Toyota Chuo Kenkyusho	FOR REGULATING THE GEAR CHANGE
(33) Japan	(72) MIZUNO Yoshihiro	CURVE
(51) F16H 3/44	HAYAKAWA Kisaburo	(73) PIAGGIO & C. S.p.A.
B23B 45/00	NISHIZAWA Hiroyuki	(72) MARIOTTI, Walter
(11) EP2618968	YAMAGUCHI Hiroyuki	NESTI, Paolo
(21) EP11754400.7	SUNAMI Kiyokazu	(31) MI20112250
(47) 01.05.2019	(31) 2010167150	(32) 13.12.2011
(87) EP2011065464	(32) 26.07.2010	(33) Italy
29.03.2012	(33) Japan	(51) F16H 57/04
(22) 07.09.2011	(51) F16H 15/28	B60K 17/34
(54) HAND-OPERATED ELECTRIC TOOL	(11) EP3358221	(11) EP2789876
HAVING A TRANSMISSION	(21) EP18150962.1	(21) EP14168506.5
(73) Robert Bosch GmbH	(47) 01.05.2019	(47) 01.05.2019
(72) ROEHM, Heiko	(22) 10.01.2018	(22) 26.07.2011
(31) 102010041172	(54) CONTINUOUSLY VARIABLE	(54) Power take off unit (PTU) for a drive train
(32) 22.09.2010	TRANSMISSION RING DRIVING	of a motor vehicle and structure of same for
(33) Germany	MECHANISM	loss-minimising oiling as needed
(51) F16H 7/12	(73) Motive Power Industry Co., Ltd.	(73) GKN Driveline Köping AB
B60K 25/00	(72) CHENG, Hsin-Lin	(72) Nett, Hans-Peter
F02B 67/06	TENG, Ching-Chung	Göttert, Christoph
F16H 7/20	(31) 106103869	Haupt, Jan
(11) EP3158229	(32) 07.02.2017	Kämmerer, Michael
(21) EP15810519.7	(33) Taiwan, Province of China	(31) 102010036826
(47) 01.05.2019	(51) F16H 15/38	(32) 03.08.2010
(87) CA2015050578	F16H 57/04	(33) Germany
23.12.2015	(11) EP3015739	(51) F16H 57/04
(22) 22.06.2015	(21) EP14816646.5	F16H 1/00
(54) TENSIONER WITH HYDRAULIC	(47) 01.05.2019	(11) EP3098479
LOCKING FEATURE	(87) JP2014066387	(21) EP16170529.8
(73) Litens Automotive Partnership	31.12.2014	(47) 01.05.2019
(72) RYELAND, Geoffrey W.	(22) 20.06.2014	(22) 20.05.2016
FAREWELL, Ron	(54) TOROIDAL-TYPE STEPLESS	(54) INTERNAL LUBE TANK LUBE LEVEL
(31) 201462015112 P	TRANSMISSION	CONTROL SYSTEM
201562099819 P	(73) Kawasaki Jukogyo Kabushiki Kaisha	(73) Dana Heavy Vehicle Systems Group, LLC
(32) 20.06.2014	(72) TANAKA, Kenichiro	(72) TROST, Harry William
05.01.2015	IMAI, Hideyuki	SLESINSKI, Steven G.
(33) United States of America	GOI, Tatsuhiko	(31) 201562165367 P
United States of America	ARISAWA, Hidenori	(32) 22.05.2015
(51) F16H 13/06	KAZARI, Masahide	(33) United States of America
F16H 13/14	(31) 2013133476	(51) F16H 61/00
B60K 1/00	(32) 26.06.2013	F16H 61/02
B60L 15/20	(33) Japan	(11) EP3277986
(11) EP2855975	(51) F16H 47/04	(21) EP16713456.8
(21) EP13722775.7	B60K 6/445	(47) 01.05.2019
(47) 01.05.2019	F16H 37/08	(87) EP2016057219
(87) EP2013060228	F16H 37/10	06.10.2016
28.11.2013	(11) EP2764280	(22) 01.04.2016
(22) 17.05.2013	(21) EP12762216.5	(54) DRAIN VALVE
(54) FRICTION ROLLER PLANETARY	(47) 01.05.2019	(73) Punch Powertrain N.V.
GEARING AND SPEED-CHANGING AND	(87) EP2012003859	(72) SMID, Peter Mark
DIFFERENTIAL GEARING	11.04.2013	

VAN RAEMDONCK, Stefan Hubertus Godelieve (31) 201505215 (32) 02.04.2015 (33) Belgium	(47) 01.05.2019 (87) US2014039663 04.12.2014 (22) 28.05.2014 (54) INTERACTIVE TRANSMISSION SHIFT TECHNIQUES (73) FCA US LLC (72) ADAMS, Joseph B. CAO, Changwei FRISCH, Jason P. DICKS, David D. MAYER, Richard G. SOBCZAK, Joseph J. MAYHEW, William TESSIER, Raymond J. (31) 201361828447 P 201414286169 (32) 29.05.2013 23.05.2014 (33) United States of America United States of America	KENNEDY, Marcus (31) 102008042896 (32) 16.10.2008 (33) Germany
(51) F16H 61/08 F16H 61/04 F16H 61/02 F16H 59/18 F16H 59/14 F16H 59/48 F16H 61/00 (11) EP2625444 (21) EP11831219.8 (47) 01.05.2019 (87) US2011052948 12.04.2012 (22) 23.09.2011 (54) SYSTEM FOR SELECTING A TRANSMISSION ECONOMY-BASED SHIFT SCHEDULE (73) Allison Transmission, Inc. (72) KRESSE, John MERRION, Robert (31) 389414 P (32) 04.10.2010 (33) United States of America	(54) INTERMEDIATE PLATE (73) ElringKlinger AG (72) SCHÖLLHAMMER, Jochen ANHORN, Thomas (31) 102013219295 (32) 25.09.2013 (33) Germany	(51) F16J 15/02 F16J 15/16 F16J 15/3284 F16J 15/48 (11) EP3144566 (21) EP16186630.6 (47) 01.05.2019 (22) 31.08.2016 (54) SEALING DEVICE AND DRIVE MACHINE WITH A SEALING DEVICE (73) ROBERT BOSCH GMBH (72) Doehring, Jochen Stoehrer, Felix (31) 102015217811 (32) 17.09.2015 (33) Germany
(51) F16H 61/662 F16H 63/06 F16H 55/56 (11) EP3265701 (21) EP16708624.8 (47) 01.05.2019 (87) EP2016053927 09.09.2016 (22) 25.02.2016 (54) CVT GEARBOX WITH IMPROVED CONTROLLABILITY AND A METHOD FOR CONTROLLING SAID GEARBOX (73) Robert Bosch GmbH (72) KLYMENKO, Mykhaylo (31) 102015203902 (32) 05.03.2015 (33) Germany	(51) F16J 9/00 F16J 9/20 (11) EP3146243 (21) EP15710201.3 (47) 01.05.2019 (87) EP2015055621 26.11.2015 (22) 18.03.2015 (54) PISTON RING WITH CIRCUMFERENTIAL GROOVE (73) Federal-Mogul Friedberg GmbH (72) MAHL, Markus (31) 102014209391 (32) 19.05.2014 (33) Germany	(51) F16K 1/12 F16K 1/52 (11) EP2926041 (21) EP13858048.5 (47) 01.05.2019 (87) US2013031603 05.06.2014 (22) 14.03.2013 (54) ADJUSTABLE SLEEVE VALVE (73) Aerojet Rocketdyne of DE, Inc. (72) RICHARDSON, Roger WANG, Raymond (31) 201261730468 P (32) 27.11.2012 (33) United States of America
(51) F16H 63/48 B60T 7/12 (11) EP3111113 (21) EP15711044.6 (47) 01.05.2019 (87) EP2015000427 03.09.2015 (22) 25.02.2015 (54) METHOD AND CONTROL DEVICE FOR ACTUATING A BRAKING MECHANISM OF A DRIVETRAIN OF A VEHICLE HAVING AN AUTOMATIC TRANSMISSION (73) Audi AG (72) GOTTLIEB, Dominik GELTL, Daniel (31) 102014002817 (32) 26.02.2014 (33) Germany	(54) AXIALLY STABILIZED TWO-PART PISTON RING (73) Federal-Mogul Burscheid GmbH (72) RUCH, Fabian (31) 102014223685 (32) 20.11.2014 (33) Germany	(51) F16K 7/06 (11) EP2966326 (21) EP15175916.4 (47) 01.05.2019 (22) 08.07.2015 (54) TUBING PINCH VALVE (73) GEMÜ Gebr. Müller Apparatebau GmbH & Co. Kommanditgesellschaft (72) Hiller, Martin Haidt, Harald Haas, Marcel Frankenbach, Klaus (31) 102014010443 (32) 11.07.2014 (33) Germany
(51) F16H 63/48 F16H 59/36 F16H 59/66 (11) EP3004694 (21) EP14734323.0	(51) F16J 9/02 F16J 9/06 (11) EP3221620 (21) EP15777712.9 (47) 01.05.2019 (87) EP2015073654 26.05.2016 (22) 13.10.2015 (54) AXIALLY STABILIZED TWO-PART PISTON RING (73) Federal-Mogul Burscheid GmbH (72) RUCH, Fabian (31) 102014223685 (32) 20.11.2014 (33) Germany	(51) F16K 11/078 F16K 47/02 (11) EP2228574

(21) EP10152970.9	F16K 31/385	(22) 22.05.2017
(47) 01.05.2019	F16K 1/52	(54) CABLE ATTACHMENT DEVICE,
(22) 08.02.2010	(11) EP3242065	CONNECTION ASSEMBLY AND
(54) Cartridge including an anti-ram device	(21) EP17168293.3	METHOD FOR MEASURING CABLE
(73) Cattaneo, Piero	(47) 01.05.2019	TEMPERATURE
(72) Cattaneo, Piero	(22) 26.04.2017	(73) Aptiv Technologies Limited
(31) MI20090380	(54) FLOW-RATE ADJUSTABLE VALVE	(72) CASSES, Claude
(32) 12.03.2009	(73) TOTO LTD.	LE SAUX, Gaëlle
(33) Italy	(72) HASHIMOTO, Kenichi	(31) 1654701
(51) F16K 17/04	MATSUI, Hideyuki	(32) 25.05.2016
(11) EP3097333	HATAKEYAMA, Makoto	(33) France
(21) EP14880350.5	KAWANA, Kohei	(51) F16L 3/237
(47) 01.05.2019	KAMIYOSHI, Tetsuro	H02G 3/32
(87) US2014012235	KANASHIRO, Masanobu	(11) EP1884702
30.07.2015	(31) 2016093393	(21) EP07014874.7
(22) 21.01.2014	(32) 06.05.2016	(47) 01.05.2019
(54) PRESSURE CONTROLLED AND	(33) Japan	(22) 30.07.2007
PRESSURE CONTROL VALVE FOR AN	(51) F16K 31/68	(54) Bracket for attaching restiform components
INFLATABLE OBJECT	F01P 7/16	(73) HYDAC Accessories GmbH
(73) Asco, L.P.	G05D 23/02	(72) Petry, Timo
(72) HESSLING, Terry, John	(11) EP2423548	(31) 102006036232
MENKO, Scott, Andrew	(21) EP10766892.3	(32) 03.08.2006
BROWN, Michael, Paul	(47) 01.05.2019	(33) Germany
(51) F16K 31/00	(87) JP2010052296	(51) F16L 11/08
F16K 35/16	28.10.2010	F16L 11/15
A62C 35/68	(22) 17.02.2010	F16L 11/16
(11) EP2535625	(54) THERMOSTAT DEVICE	(11) EP3002490
(21) EP12171730.0	(73) Nippon Thermostat Co., Ltd.	(21) EP15275207.7
(47) 01.05.2019	(72) KUSAKABE, Fumito	(47) 01.05.2019
(22) 13.06.2012	(31) 2009106902	(22) 30.09.2015
(54) Solenoid interlock for booster actuator	(32) 24.04.2009	(54) FLUID PERMEABLE HOSE CARCASS
(73) TLX Technologies	(33) Japan	(73) Hose Master, LLC
(72) Dahlgren, Derek Arvid	(51) F16K 41/10	(72) Foti, Sam J.
Mainland, Mark William	F16K 41/12	Foti, Santo
(31) 201161496788 P	(11) EP2833043	(31) 201462059531 P
(32) 14.06.2011	(21) EP14179693.8	201514867477
(33) United States of America	(47) 01.05.2019	(32) 03.10.2014
(51) F16K 31/06	(22) 04.08.2014	28.09.2015
F16K 1/52	(54) Valve device	(33) United States of America
(11) EP3117129	(73) GEMÜ Gebr. Müller Apparatebau GmbH &	United States of America
(21) EP14885438.3	Co. Kommanditgesellschaft	(51) F16L 13/02
(47) 01.05.2019	(72) Haidt, Harald	C04B 35/565
(87) US2014050632	(31) 102013215266	C04B 37/00
17.09.2015	(32) 02.08.2013	(11) EP2828222
(22) 12.08.2014	(33) Germany	(21) EP13764719.4
(54) POPPET VALVE	(51) F16L 1/12	(47) 01.05.2019
(73) Dryject Inc. Acquisition Corp.	F16L 57/00	(87) US2013033575
(72) DES GARENNES, Chris	F16L 57/02	26.09.2013
VAN DRUMPT, Peter	(11) EP3350493	(22) 22.03.2013
PADDOCK, John	(21) EP16770730.6	(54) EXTENDED LENGTH TUBE
(31) 201461951232 P	(47) 01.05.2019	STRUCTURES
(32) 11.03.2014	(87) EP2016071982	(73) Saint-Gobain Ceramics & Plastics Inc.
(33) United States of America	23.03.2017	(72) BANACH, Lawrence M.
(51) F16K 31/122	(22) 16.09.2016	BEVILACQUA, John M.
(11) EP3287678	(54) BEND RESTRICTOR	LANZONE, Steven W.
(21) EP17182062.4	(73) Macgregor Norway AS	(31) 201261614499 P
(47) 01.05.2019	(72) ALBRIGTSEN, Rolf	(32) 22.03.2012
(22) 19.07.2017	HØVIK, Jon	(33) United States of America
(54) POPPET VALVE	(31) 20151201	(51) F16L 15/06
(73) Rolls-Royce plc	(32) 16.09.2015	E21B 17/042
(72) Murray, Christopher	(33) Norway	F16L 15/00
(31) 201614198	(51) F16L 3/12	(11) EP2715037
(32) 19.08.2016	G01K 1/14	(21) EP12724267.5
(33) United Kingdom	H01R 13/66	(47) 01.05.2019
(51) F16K 31/524	H01R 13/72	(87) US2012038768
F16K 31/04	(11) EP3252448	29.11.2012
F16K 31/40	(21) EP17172302.6	(22) 21.05.2012
	(47) 01.05.2019	

(54) TUBULAR CONNECTION AND ASSOCIATED THREAD FORM	(54) HOLDER MADE OF PLASTIC FOR VIBRATION-INSULATING ATTACHMENT OF AN OBLONG OBJECT	(21) EP16154971.2
(73) Ultra Premium Oilfield Services, Ltd.	(73) Newfrey LLC	(47) 01.05.2019
(72) BANKER, Edward, O.	(72) Stau, Bastian	(22) 10.02.2016
(31) 201113114757	(72) Schliessner, Lothar	(54) PRESSURE VESSEL WITH SPHEROIDAL SHAPE
(32) 24.05.2011	(31) 102014114275	(73) Airbus Operations Limited
(33) United States of America	(32) 01.10.2014	(72) MEYER, Jonathan
(51) F16L 37/098	(33) Germany	(31) 201502589
F16L 37/14	(51) F16L 55/46	(32) 16.02.2015
(11) EP3181977	B25B 27/24	(33) United Kingdom
(21) EP16204145.3	(11) EP3121503	(51) F17C 5/06
(47) 01.05.2019	(21) EP16180708.6	(11) EP3270033
(22) 14.12.2016	(47) 01.05.2019	(21) EP17180764.7
(54) METHOD FOR MANUFACTURING A PIPE	(22) 22.07.2016	(47) 01.05.2019
(73) Stelia Aerospace	(54) SYSTEM AND METHOD FOR INJECTING A TRACER INTO A PIPELINE	(22) 11.07.2017
(72) SIREUDE, Damien	(73) GRDF	(54) METHOD FOR FILLING THE TANK OF IN PARTICULAR HGVS WITH NATURAL GAS
(31) 1562798	(72) Daval-Frerot, Benoit	(73) Braun, Franz
(32) 18.12.2015	(31) 1556964	(72) Braun, Franz
(33) France	(32) 22.07.2015	(31) 102016112843
(51) F16L 41/08	(33) France	(32) 13.07.2016
F16L 55/18	(51) F16L 59/065	(33) Germany
F16L 55/16	B22C 9/00	(51) F21K 9/00
(11) EP3139079	(11) EP3315845	F21V 29/00
(21) EP16182575.7	(21) EP17193543.0	(11) EP2491303
(47) 01.05.2019	(47) 01.05.2019	(21) EP10771253.1
(22) 03.08.2016	(22) 27.09.2017	(47) 01.05.2019
(54) CONSTRUCTION KIT FOR RETROFITTING A PIPE CONDUIT CONNECTION OF A THICK-WALLED PIPE	(54) METHOD OF MANUFACTURING VACUUM INSULATION PANEL AND INTERMEDIATE PRODUCT	(87) US2010051983
(73) Funke Kunststoffe GmbH	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	28.04.2011
(72) Funke, Norbert	(72) YAMASHITA, Osamu	(22) 08.10.2010
Funke, Hans-Günter	(31) 2016208849	(54) HEATSINK AND LIGHT EMITTING MEANS WITH IT
(31) 202015104701 U	(32) 25.10.2016	(73) Cree, Inc.
202015106589 U	(33) Japan	(72) PICKARD, Paul, Kenneth
(32) 03.09.2015	(51) F16M 13/02	NEGLEY, Gerald, H.
03.12.2015	A61B 6/00	VAN DE VEN, Antony, Paul
(33) Germany	(11) EP3011222	MEDENDORP, Nicholas, W.
Germany	(21) EP14752775.8	(31) 683886
(51) F16L 47/03	(47) 01.05.2019	582206
B29C 65/34	(87) CZ2014000065	607355
F16L 47/14	24.12.2014	(32) 07.01.2010
(11) EP3298316	(22) 12.06.2014	20.10.2009
(21) EP16722885.7	(54) ARM OF CEILING HOLDER	28.10.2009
(47) 01.05.2019	(73) MZ Liberec, A.S.	(33) United States of America
(87) EP2016060824	(72) Vanoucek, Jan	United States of America
24.11.2016	(31) 20130468	United States of America
(22) 13.05.2016	(32) 18.06.2013	(51) F21K 9/90
(54) FLANGE CONNECTION FOR COMPONENTS COMPOSED OF PLASTIC, IN PARTICULAR FOR TUBULAR COMPONENTS COMPOSED OF PLASTIC	(33) Czech Republic	F21K 9/23
(73) egeplast international GmbH	(51) F16P 3/12	(11) EP3290773
(72) STRANZ, Michael	F16P 3/16	(21) EP16187181.9
(31) 102015108083	(11) EP3343085	(47) 01.05.2019
(32) 21.05.2015	(21) EP17150106.7	(22) 05.09.2016
(33) Germany	(47) 01.05.2019	(54) LED LIGHT BULB AND FABRICATION METHOD THEREOF
(51) F16L 55/035	(22) 03.01.2017	(73) Double Good Co.
F16L 3/223	(54) DEVICE FOR MOVING AND FASTENING A DOOR	(72) Fan, Szu-Min
B60R 16/02	(73) Strasser GmbH	(51) F21K 9/90
H02G 3/32	(72) Strasser, Alexander Thomas	F21V 3/04
(11) EP3263966	(51) F17C 1/00	F21V 19/00
(21) EP17185244.5	F17C 1/16	F21V 23/00
(47) 01.05.2019	F17C 13/00	F21K 9/235
(22) 01.10.2015	B60K 15/03	(11) EP3306178
	(11) EP3056792	(21) EP16192983.1
		(47) 01.05.2019
		(22) 10.10.2016
		(54) LED LIGHT BULB AND FABRICATION METHOD THEREOF

(73) Double Good Co.	(33) Japan	(33) Austria
(72) Fan, Szu-Min	(51) F21S 41/16	(51) F21S 41/683
(51) F21S 2/00	F21S 41/675	F21V 14/08
F21V 23/06	F21S 45/70	(11) EP3045806
F21Y 115/10	F21S 41/37	(21) EP16156636.9
(11) EP3263971	F21S 41/173	(47) 01.05.2019
(21) EP15912094.8	B60Q 11/00	(22) 29.09.2009
(47) 01.05.2019	G02B 26/10	(54) OPTICAL MODULE FOR MOTOR
(87) JP2015086545	(11) EP2767751	VEHICLE CAPABLE OF SELECTIVELY
06.07.2017	(21) EP14154069.0	LIGHTING AN AREA
(22) 28.12.2015	(47) 01.05.2019	(73) VALEO VISION
(54) SIGNALING LIGHT STACKING UNIT	(22) 06.02.2014	(72) ALBOU, Pierre
AND SIGNALING LIGHT	(54) Secure adaptive lighting system	BLANDIN, Jonathan
(73) Patlite Corporation	(73) VALEO VISION	BOURDIN, David
(72) MASHIRO, Kazuki	(72) Albou, Pierre	LE BARS, Jean-François
(51) F21S 2/00	Puente, Jean-Claude	WIEGAND, Boris
G03B 21/14	(31) 1351283	(31) 0805409
G09F 9/33	(32) 14.02.2013	(32) 30.09.2008
G09F 19/18	(33) France	(33) France
G09F 19/22	(51) F21S 41/24	(51) F21V 5/04
F21V 5/04	F21S 41/663	B64D 47/06
F21V 14/02	F21S 41/143	F21Y 115/10
(11) EP2479742	F21S 41/141	(11) EP2924340
(21) EP10817019.2	(11) EP3329179	(21) EP14162218.3
(47) 01.05.2019	(21) EP16750359.8	(47) 01.05.2019
(87) JP2010064164	(47) 01.05.2019	(22) 28.03.2014
24.03.2011	(87) AT2016060008	(54) Exterior light unit for an aircraft or other
(22) 23.08.2010	02.02.2017	vehicle and aircraft comprising the same
(54) LIGHTING DEVICE FOR PATTERN	(22) 18.07.2016	(73) Goodrich Lighting Systems GmbH
FORMATION	(54) LIGHT DEVICE FOR A VEHICLE	(72) JHA, Anil Kumar
(73) Pi Photonics Inc.	HEADLAMP	(51) F21V 8/00
(72) IKEDA, Takahiro	(73) ZKW Group GmbH	G02B 6/00
(31) 2009216528	(72) TAUDT, Lukas	(11) EP2057491
2009221061	PLANK, Josef	(21) EP07826128.6
(32) 18.09.2009	(31) 506722015	(47) 01.05.2019
25.09.2009	(32) 28.07.2015	(87) IB2007053400
(33) Japan	(33) Austria	28.02.2008
Japan	(51) F21S 41/32	(22) 24.08.2007
(51) F21S 10/04	F21S 41/25	(54) BACKLIGHT USING HIGH-POWERED
F24C 3/00	(11) EP2765352	CORNER LED
F24C 7/00	(21) EP14153863.7	(73) Lumileds Holding B.V.
(11) EP3220057	(47) 01.05.2019	(72) HARBERS, Gerard
(21) EP17160550.4	(22) 04.02.2014	PUGH, Mark
(47) 01.05.2019	(54) Projection lens and optical surface	BIERHUIZEN, Serge
(22) 13.03.2017	determination method	(31) 467499
(54) Flame simulating assembly	(73) Koito Manufacturing Co., Ltd.	(32) 25.08.2006
(73) Glen Dimplex Americas Limited	(72) Otani, Tomoaki	(33) United States of America
(72) JACH, Michael	Uchida, Naoki	(51) F21V 9/30
HESS, Kristoffer	Sato, Noriko	(11) EP3187778
GALLO, Ignazio	(31) 2013021966	(21) EP15203016.9
(31) 201662309123 P	(32) 07.02.2013	(47) 01.05.2019
(32) 16.03.2016	(33) Japan	(22) 29.12.2015
(33) United States of America	(51) F21S 41/39	(54) WAVELENGTH CONVERTING DEVICE,
(51) F21S 41/143	F21S 41/147	METHOD FOR MANUFACTURING THE
F21S 45/47	(11) EP2906871	SAME AND LIGHTING UNIT USING THE
F21S 45/48	(21) EP13791726.6	SAME
F21S 43/14	(47) 01.05.2019	(73) Stanley Electric Co., Ltd.
(11) EP3121511	(87) AT2013050183	(72) HARADA, Mitsunori
(21) EP16178938.3	17.04.2014	(51) F21V 14/06
(47) 01.05.2019	(22) 13.09.2013	F21V 29/89
(22) 12.07.2016	(54) LIGHT MODULE WITH TWO OR MORE	F21Y 107/50
(54) LIGHTING DEVICE FOR VEHICLE	REFLECTORS FOR A MOTOR VEHICLE	F21W 107/20
(73) Toshiba Lighting & Technology Corporation	(73) ZKW Group GmbH	F21Y 115/10
(72) HINO, Kiyokazu	(72) BAUER, Friedrich	(11) EP3224540
TSUCHIYA, Ryuji	MEJTA, Peter	(21) EP15800937.3
HATANAKA, Toshihiro	(31) 10942012	(47) 01.05.2019
(31) 2015146501	(32) 09.10.2012	(87) GB2015053564
(32) 24.07.2015		

02.06.2016	27.01.2017	(72) MATSUMOTO, Keigo
(22) 23.11.2015	(33) Italy	TOMINAGA, Yukihiko
(54) LIGHT FIXTURE AND MODULE	Italy	TAKAYAMA, Akimasa
(73) Lumishore Limited	(51) F23B 40/00	DOMOTO, Kazuhiro
(72) EVANS, Gareth	F23B 30/00	TANAKA, Ryuichiro
(31) 201420857	F23L 1/00	TSUKAHARA, Keita
(32) 24.11.2014	F23G 7/10	ABE, Naofumi
(33) United Kingdom	(11) EP3262345	(31) 2015073498
(51) F21V 21/002	(21) EP15798578.9	2015179762
F21S 4/22	(47) 01.05.2019	(32) 31.03.2015
H01R 4/2404	(87) PL2015000162	11.09.2015
H01R 4/2416	14.04.2016	(33) Japan
H01R 12/67	(22) 08.10.2015	Japan
F21V 31/04	(54) UNIT FOR SUPPLYING AIR TO THE	(51) F23D 1/04
F21Y 101/00	COMBUSTION CHAMBER OF A PELLETT	F23G 7/10
F21Y 103/10	BURNER	B65G 33/34
F21Y 115/10	(73) PellasX Spółka z o.o. Spółka Komandytowa	(11) EP3410010
(11) EP3270053	(72) BRZESKI, Michal	(21) EP17173281.1
(21) EP17180022.0	(31) 12343414 U	(47) 01.05.2019
(47) 01.05.2019	(32) 08.10.2014	(22) 29.05.2017
(22) 06.07.2017	(33) Poland	(54) BURNER FOR COMBUSTION OF
(54) A HOUSING FOR LIGHTING DEVICES,	(51) F23C 3/00	FUEL IN THE FORM OF A WOOD
CORRESPONDING LIGHTING DEVICE	F23C 6/02	DISINTEGRATION PRODUCT, IN
AND METHOD	(11) EP3048367	PARTICULAR FINE MATERIAL
(73) OSRAM GmbH	(21) EP16151958.2	(73) SWISS KRONO Tec AG
(72) VOLPATO, Luca	(47) 01.05.2019	(72) LEMKE, Hartmut
DIDONE', Roberto	(22) 19.01.2016	(51) F23D 3/18
(31) 201600072576	(54) COMBUSTION MODULE HAVING	F23Q 3/00
(32) 12.07.2016	A SUBSTANTIALLY UNIFORM	F24C 5/14
(33) Italy	TEMPERATURE	(11) EP2667095
(51) F21V 23/04	(73) Commissariat à l'Énergie Atomique et aux	(21) EP13275118.1
G01J 1/42	Énergies Alternatives	(47) 01.05.2019
G01S 17/00	(72) OLLIER, Emmanuel	(22) 15.05.2013
G01S 17/88	(31) 1550450	(54) Ignition device for oil burner
G01S 7/00	(32) 20.01.2015	(73) TOYOTOMI CO., LTD.
G01S 7/493	(33) France	(72) Nakamura, Izuru
F21S 8/08	(51) F23C 10/04	Yamada, Toshihiko
G01S 17/02	F23C 10/18	Nakagaito, Toru
H05B 37/02	F23L 7/00	(31) 2012116515
G01S 17/58	F23C 6/04	2013097311
(11) EP3111134	F23C 9/00	(32) 22.05.2012
(21) EP15703992.6	F23C 10/10	07.05.2013
(47) 01.05.2019	(11) EP2404111	(33) Japan
(87) EP2015052906	(21) EP10748380.2	Japan
03.09.2015	(47) 01.05.2019	(51) F23D 5/12
(22) 12.02.2015	(87) FI2010050075	F23D 5/04
(54) LIGHT REFLECTANCE BASED	10.09.2010	(11) EP3327350
DETECTION	(22) 08.02.2010	(21) EP16306559.2
(73) Signify Holding B.V.	(54) METHOD FOR REDUCING NITROGEN	(47) 01.05.2019
(72) RAJAGOPALAN, Ruben	OXIDE EMISSIONS IN OXYFUEL	(22) 25.11.2016
BROERS, Harry	COMBUSTION	(54) GAS MIXER FOR ETHANOL BURNER
(31) 14156870	(73) Valmet Technologies Oy	(73) Delaite, Alain Michel
(32) 26.02.2014	(72) VARONEN, Mikko	Decourteix Jean Francois
(33) European Patent Office (EPO)	(31) 20095220	(72) Delaite, M. Alain Michel
(51) F21V 33/00	(32) 06.03.2009	Decourteix, M. Jean François
F21V 23/04	(33) Finland	(51) F23D 14/04
F21W 131/301	(51) F23D 1/00	F23D 14/06
(11) EP3244129	F23C 99/00	F23D 14/58
(21) EP17170188.1	F23D 1/04	(11) EP3286499
(47) 01.05.2019	(11) EP3279563	(21) EP16727547.8
(22) 09.05.2017	(21) EP16771965.7	(47) 01.05.2019
(54) DEVICE TO SWITCH ON/OFF LIGHT	(47) 01.05.2019	(87) IB2016052277
SOURCES	(87) JP2016055008	27.10.2016
(73) Team S.r.l. Unipersonale	06.10.2016	(22) 21.04.2016
(72) Antonioli, Alex	(22) 22.02.2016	(54) IMPROVED GAS BURNER FOR
(31) UA20163276	(54) COMBUSTION BURNER AND BOILER	COOKING APPLIANCES
201700009318	PROVIDED THEREWITH	(73) Defendi Italy S.r.l.
(32) 09.05.2016	(73) Mitsubishi Hitachi Power Systems, Ltd.	(72) BIAGIOLI, Cristian

BRECCIA, Luca	(73) Eisenmann SE	F16K 11/22
NOETH, Werner	(72) Strobel, Volker	F16K 27/02
SBAFFI, Marco	(31) 102014018178	(11) EP2649354
(31) VE20150018	(32) 09.12.2014	(21) EP11764216.5
UB20153850	(33) Germany	(47) 01.05.2019
(32) 24.04.2015	(51) F23G 7/12	(87) EP2011067375
24.09.2015	F23G 5/44	19.04.2012
(33) Italy	F23G 5/16	(22) 05.10.2011
Italy	(11) EP3144592	(54) GAS VALVE UNIT
(51) F23D 14/06	(21) EP14891888.1	(73) BSH Hausgeräte GmbH
F23N 1/00	(47) 01.05.2019	(72) NAUMANN, Jörn
F23K 5/00	(87) KR2014012483	(31) 10290559
(11) EP2189719	19.11.2015	(32) 15.10.2010
(21) EP09176585.9	(22) 17.12.2014	(33) European Patent Office (EPO)
(47) 01.05.2019	(54) WASTE PLASTIC SOLID FUEL	(51) F23N 5/24
(22) 20.11.2009	INCINERATOR	(11) EP2295863
(54) Method for adjusting a heat output of a multi- ring burner, in particular dual ring burner, and device for executing such a method	(73) SGT Co. Ltd. We, Hwan	(21) EP10172195.9
(73) BSH Hausgeräte GmbH	(72) WUI, Kye Dae	(47) 01.05.2019
(72) Cadeau, Christophe	(31) 20140057890	(22) 06.08.2010
Clauss, Stéphane	(32) 14.05.2014	(54) Combustion system, automatic gas ignition device and device and method for interrupting a fuel supply for same
(31) 08291096	(33) Korea (Republic)	(73) Robert Bosch GmbH
(32) 20.11.2008	(51) F23J 3/00	(72) Krieger, Klaus
(33) European Patent Office (EPO)	F23G 5/00	Birr, Hartmut
(51) F23D 14/72	F23G 5/16	Wenz, Michael
F23K 5/04	F23J 1/00	Deseyve, Arne
F23N 1/00	F23J 9/00	Grossmann, Juergen
F23N 5/20	F23L 17/16	Leutz, Hanspeter
F23N 5/24	B04C 3/02	(31) 102009036423
B60H 1/22	F04F 5/22	(32) 06.08.2009
(11) EP2898267	F04F 5/46	(33) Germany
(21) EP13762094.4	(11) EP2581661	(51) F23N 5/24
(47) 01.05.2019	(21) EP11792555.2	F23K 5/00
(87) EP2013068635	(47) 01.05.2019	(11) EP3133345
27.03.2014	(87) JP2011063364	(21) EP16182476.8
(22) 09.09.2013	15.12.2011	(47) 01.05.2019
(54) HEATING SYSTEM AND METHOD FOR AUTOMATIC LINE FILLING	(22) 10.06.2011	(22) 02.08.2016
(73) Webasto SE	(54) MELTING EQUIPMENT	(54) A system for a valve setup
(72) KOMUSANAC, Drago	(73) Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd.	(73) Honeywell International Inc.
PANNWITZ, Thorsten	(72) SATO Jun	(72) KARG, Karen
LUDWIG, Andreas	KITTA Takehiro	DHANWADA, Pallavi
(31) 102012216826	SHIRAI Toshimasa	KASPRZYK, Donald J.
(32) 19.09.2012	SAITO Yoshihisa	NAHURSKI, Henry
(33) Germany	YAEGASHI Eri	(31) 201514828316
(51) F23D 14/76	(31) 2010134194	(32) 17.08.2015
F23C 7/02	(32) 11.06.2010	(33) United States of America
(11) EP1736706	(33) Japan	(51) F23R 3/28
(21) EP06011412.1	(51) F23K 5/14	F23R 3/14
(47) 01.05.2019	F02C 7/232	F23D 11/10
(22) 01.06.2006	F16K 11/07	F23D 11/38
(54) Device for introducing materials into a reaction chamber	(11) EP3102882	(11) EP2772690
(73) Linde AG	(21) EP15741831.0	(21) EP14157478.0
(72) Tautz, Hanno	(47) 01.05.2019	(47) 01.05.2019
(31) 102005029317	(87) EP2015056410	(22) 03.03.2014
(32) 22.06.2005	15.10.2015	(54) Fuel nozzle with discrete jet inner air swirler
(33) Germany	(22) 25.03.2015	(73) Delavan Inc.
(51) F23G 5/12	(54) FUEL INJECTOR WITH A VALVE	(72) Myers, Steven Jay
F23G 7/06	(73) Siemens Aktiengesellschaft	(31) 201313782969
F23L 15/04	(72) LINDHOLM, Annika	(32) 01.03.2013
(11) EP3032172	NORDIN, Joachim	(33) United States of America
(21) EP15003504.6	(31) 14163738	(51) F23R 3/28
(47) 01.05.2019	(32) 07.04.2014	F23R 3/34
(22) 09.12.2015	(33) European Patent Office (EPO)	(11) EP2211110
(54) THERMAL AFTERBURNING INSTALLATION	(51) F23N 1/00	(21) EP09151280.6
	F16K 31/524	(47) 01.05.2019
	F16K 11/16	(22) 23.01.2009
	F16K 31/44	(54) BURNER FOR A GAS TURBINE

(73) Ansaldo Energia Switzerland AG	(73) BSH Hausgeräte GmbH	F24D 17/02
(72) Eroglu, Adnan	(72) ESSERT, Michael	F24D 19/00
Pennell, Douglas Anthony	HINTERMAYER, Manfred	(11) EP2944885
Buss, Johannes	SICKERT, Kerstin	(21) EP15167504.8
Smith, Richard	WIEDENMANN, Reinhard	(47) 01.05.2019
(51) F23R 3/50	(31) 102014215613	(22) 13.05.2015
F23R 3/06	(32) 07.08.2014	(54) HOT WATER SUPPLY APPARATUS
F23R 3/00	(33) Germany	(73) Panasonic Intellectual Property Management
F23R 3/46	(51) F24C 15/02	Co., Ltd.
(11) EP2778533	A21B 3/07	(72) KUSAKA,, Michiyoshi
(21) EP14158897.0	A21C 13/00	YAMAOKA,, Yuuki
(47) 01.05.2019	(11) EP3183503	(31) 2014101033
(22) 11.03.2014	(21) EP15759411.0	(32) 15.05.2014
(54) Combustor for gas turbine engine	(47) 01.05.2019	(33) Japan
(73) PRATT & WHITNEY CANADA CORP.	(87) EP2015068912	(51) F24D 19/00
(72) Prociw, Lev Alexander	25.02.2016	B23K 31/02
Hu, Tin Cheung John	(22) 18.08.2015	F28F 3/02
(31) 201313795082	(54) HEAT TREATMENT SYSTEM	F28F 3/14
(32) 12.03.2013	(73) Stork genannt Wersborg, Ingo	F28F 9/26
(33) United States of America	(72) Stork genannt Wersborg, Ingo	B23K 101/14
(51) F24C 7/08	(31) 14002866	F28D 21/00
(11) EP2884187	(32) 18.08.2014	(11) EP3006836
(21) EP14196990.7	(33) European Patent Office (EPO)	(21) EP14808369.4
(47) 01.05.2019	(51) F24C 15/10	(47) 01.05.2019
(22) 09.12.2014	(11) EP2159490	(87) JP2014064787
(54) Method for operator guidance, cover component and production of a cover component	(21) EP09167333.5	11.12.2014
(73) PAS Deutschland GmbH	(47) 01.05.2019	(22) 03.06.2014
(72) Krause, Olaf	(22) 06.08.2009	(54) METHOD FOR MANUFACTURING
(31) 102013113772	(54) Pan support for a gas hob	PANEL RADIATOR, BACKUP MEMBER,
202014101897 U	(73) BSH Hausgeräte GmbH	AND PANEL RADIATOR
(32) 10.12.2013	(72) Marsch, Alexander	(73) Daikin Industries, Ltd.
22.04.2014	Sachon, Robert	(72) HARADA, Shinsuke
(33) Germany	(31) 102008041614	FUJINO, Hirokazu
Germany	(32) 27.08.2008	(31) 2013117297
(51) F24C 15/00	(33) Germany	(32) 03.06.2013
C03C 8/08	(51) F24C 15/20	(33) Japan
F24C 14/00	B08B 15/02	(51) F24D 19/10
(11) EP2419677	F21V 33/00	(11) EP3139103
(21) EP10800002.7	(11) EP3129716	(21) EP16178075.4
(47) 01.05.2019	(21) EP15720439.7	(47) 01.05.2019
(87) KR2010004521	(47) 01.05.2019	(22) 06.07.2016
20.01.2011	(87) IB2015052236	(54) METHOD FOR PROVIDING WARM
(22) 12.07.2010	15.10.2015	DRINKING WATER
(54) COOKER WITH COOKING CHAMBER HAVING DOUBLE COATING LAYERS	(22) 26.03.2015	(73) ROBERT BOSCH GMBH
(73) LG Electronics Inc.	(54) DOMESTIC HOOD	(72) Stumpp, Hermann
(72) LEE, Jeongho	(73) Elica S.p.A.	Senn, Matthias
BAEK, Chaehyun	(72) CIMINO, Marco	(31) 102015216650
LEE, Yongsoo	SPINACI, Emanuele	(32) 01.09.2015
KIM, Youngseok	(31) MI20140635	(33) Germany
KIM, Yangkyeong	(32) 07.04.2014	(51) F24D 19/10
BAEK, Seungjo	(33) Italy	G05D 23/19
LEE, Seungchan	(51) F24D 13/02	(11) EP3339752
(31) 20090064678	E06B 1/52	(21) EP16206125.3
(32) 15.07.2009	(11) EP2916079	(47) 01.05.2019
(33) Korea (Republic)	(21) EP15157708.7	(22) 22.12.2016
(51) F24C 15/02	(47) 01.05.2019	(54) ROOM TEMPERATURE CONTROL
(11) EP3177874	(22) 05.03.2015	SYSTEM
(21) EP15747791.0	(54) FRAME ASSEMBLY FOR WINDOWS, DOORS OR CURTAIN FAÇADES WITH AT LEAST ONE HEATING AGENT	(73) Danfoss A/S
(47) 01.05.2019	(73) Kawneer Aluminium Deutschland Inc.	(72) NIELSEN, Peter Gammeljord
(87) EP2015067872	(72) Breuils, Jacques	HESSELD AHL, Søren
11.02.2016	(31) 14157852	AMELINAS, Justinas
(22) 04.08.2015	(32) 05.03.2014	(51) F24F 1/00
(54) DOOR FOR A HOUSEHOLD APPLIANCE, AND HOUSEHOLD APPLIANCE HAVING A DOOR	(33) European Patent Office (EPO)	F24F 13/14
	(51) F24D 17/00	(11) EP3330622
	C02F 5/04	(21) EP17204526.2
		(47) 01.05.2019
		(22) 29.11.2017
		(54) INDOOR UNIT OF AIR CONDITIONER

(73) MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	(33) China	(51) F24F 13/20
(72) HIGASHIURA, Kunihiko	(51) F24F 11/00	F16L 37/56
OKAMURA, Kazumi	F24F 3/16	F24D 3/16
KANBARA, Hiroshi	B01D 46/00	F24F 5/00
YAMAGUCHI, Tomomitsu	(11) EP3356742	F24D 19/00
HISAMATSU, Shion	(21) EP16767260.9	(11) EP2950016
(31) 2016232897	(47) 01.05.2019	(21) EP14170533.5
(32) 30.11.2016	(87) EP2016072086	(47) 01.05.2019
(33) Japan	06.04.2017	(22) 30.05.2014
(51) F24F 3/16	(22) 18.09.2016	(54) system comprising a water socket being
F24F 12/00	(54) AN AIR PURIFIER AND A METHOD FOR	embeddable in concrete for a cooling panel
F24F 13/14	CONTROLLING AN AIR PURIFIER	and a connection modul
A61L 9/20	(73) Koninklijke Philips N.V.	(73) AFRISO-Euro-Index GmbH
(11) EP2348260	(72) WEI, Catherine	(72) Thomas Heinz
(21) EP10185598.9	SU, Jing	Nadine Grob
(47) 01.05.2019	KE, Rui	(51) F24F 13/20
(22) 21.03.2003	KELLY, Declan Patrick	F24F 13/32
(54) Air exchanging device	ZHANG, Zhiqiang	(11) EP2592360
(73) Meltem Wärmerückgewinnung GmbH & Co.	(31) PCT/CN2015/091218	(21) EP12192262.9
KG	15195287	(47) 01.05.2019
(72) Reynartz, Armin	(32) 30.09.2015	(22) 12.11.2012
(31) 20204755 U	19.11.2015	(54) An enclosure for a HVAC system
(32) 25.03.2002	(33) World Intellectual Property Office (WIPO)	(73) NuAire Limited
(33) Germany	European Patent Office (EPO)	(72) Biggs, Colin
(51) F24F 6/12	(51) F24F 12/00	(31) 201119439
F24F 6/14	F24F 13/20	(32) 10.11.2011
(11) EP3320274	(11) EP2573478	(33) United Kingdom
(21) EP16736576.6	(21) EP12005656.9	(51) F24F 13/30
(47) 01.05.2019	(47) 01.05.2019	F24F 13/22
(87) GB2016051961	(22) 03.08.2012	F28D 1/04
12.01.2017	(54) Ventilation device with heat recovery	F24F 1/00
(22) 30.06.2016	(73) MAICO Elektroapparate-Fabrik GmbH	F28D 1/02
(54) HUMIDIFYING APPARATUS	(72) Meißner, Johannes	(11) EP2722609
(73) Dyson Technology Limited	Kammerer, Stefan	(21) EP12803151.5
(72) DUVALL, Thomas	(31) 102011114302	(47) 01.05.2019
COWEN, Daniel	(32) 23.09.2011	(87) JP2012065747
(31) 201511899	(33) Germany	27.12.2012
(32) 07.07.2015	(51) F24F 13/08	(22) 20.06.2012
(33) United Kingdom	F24F 13/06	(54) BUILT-IN TYPE AIR CONDITIONING
(51) F24F 7/06	(11) EP3228947	DEVICE
(11) EP2811234	(21) EP17164166.5	(73) Sanyo Electric Co., Ltd.
(21) EP14162894.1	(47) 01.05.2019	(72) MOTTEKI, Yasuhiro
(47) 01.05.2019	(22) 31.03.2017	NINOMIYA, Kozo
(22) 31.03.2014	(54) AIR DIFFUSER WITH REMOVABLE	YAMAUCHI, Jun
(54) Controlled mechanical ventilation installation	DIFFUSER PLATE	KAMATA, Shigemitsu
(73) Soler & Palau Research, S.L.	(73) Swegon Operations AB	AOYAMA, Yoji
(72) Gamissans Bou, Marius	(72) HANSSON, Freddie	SAITO, Mayumi
(31) 201330847	(31) 1650447	OHAMA, Yasunori
(32) 06.06.2013	1650448	(31) 2011136240
(33) Spain	(32) 04.04.2016	2011136241
(51) F24F 11/00	04.04.2016	2011144141
F24F 3/16	(33) Sweden	2011144143
(11) EP3211341	Sweden	(32) 20.06.2011
(21) EP16825693.1	(51) F24F 13/14	20.06.2011
(47) 01.05.2019	F16K 31/00	29.06.2011
(87) CN2016091903	(11) EP2870415	29.06.2011
20.07.2017	(21) EP12775847.2	(33) Japan
(22) 27.07.2016	(47) 01.05.2019	Japan
(54) METHOD OF CONTROLLING	(87) IN2012000616	Japan
OPERATION OF SENSOR IN AIR	16.01.2014	Japan
PURIFIER AND DEVICE	(22) 14.09.2012	(51) F24H 1/43
(73) Dongguan Lifa Air Technology Limited	(54) FAIL-SAFE ACTUATING SYSTEM	F28D 7/02
(72) ZHANG, Wendong	(73) Chopra, Amrith	(11) EP3242094
WEN, Yu	(72) Chopra, Amrith	(21) EP16168181.2
(31) 201610024959	(31) 2127DE2012	(47) 01.05.2019
(32) 13.01.2016	(32) 09.07.2012	(22) 03.05.2016
	(33) India	(54) BOILER WITH PREDETERMINED
		DIMENSIONS, BUT SUITABLE FOR

CONTAINING HEAT EXCHANGERS WITH DIFFERENT DIMENSIONS	(22) 06.10.2009	(47) 01.05.2019
(73) A-Steel S.R.L.	(54) ADAPTIVE SELF PUMPING SOLAR HOT WATER HEATING SYSTEM WITH OVERHEAT PROTECTION	(87) JP2016063963 09.03.2017
(72) ALEARDI, Daniele	(73) Sunnovations Inc.	(22) 11.05.2016
(51) F24H 9/02	(72) VAN HOUTEN, Arnoud	(54) REFRIGERATION CYCLE DEVICE AND REFRIGERATION CYCLE DEVICE CONTROL METHOD
F24D 13/02	(31) 195288 P	(73) Mitsubishi Heavy Industries Thermal Systems, Ltd.
F24C 7/04	(32) 06.10.2008	(72) OMURA, Minemasa
(11) EP3209944	(33) United States of America	OKADA, Takuya
(21) EP14798722.6	(51) F24S 60/00	TERAOKA, Masahiro
(47) 01.05.2019	F28D 20/00	(31) 2015169268
(87) EP2014072801	F24D 3/08	(32) 28.08.2015
28.04.2016	(11) EP3325908	(33) Japan
(22) 23.10.2014	(21) EP16757722.0	(51) F25B 5/02
(54) PANEL HEATER AND METHOD FOR ASSEMBLING SUCH A PANEL HEATER	(47) 01.05.2019	F25B 41/00
(73) De Mos, L. J.	(87) IB2016054303	F25B 49/02
(72) De Mos, L. J.	26.01.2017	(11) EP3334985
(51) F24H 9/20	(22) 20.07.2016	(21) EP16733622.1
F23N 3/08	(54) HEAT STORAGE DEVICE	(47) 01.05.2019
(11) EP3318813	(73) Steno S.r.l.	(87) EP2016065575
(21) EP16869366.1	(72) MENEGAZZI, Mirko	23.02.2017
(47) 01.05.2019	(31) 15178044	(22) 01.07.2016
(87) CN2016113792	(32) 23.07.2015	(54) A VAPOUR COMPRESSION SYSTEM WITH AT LEAST TWO EVAPORATOR GROUPS
08.03.2018	(33) European Patent Office (EPO)	(73) Danfoss A/S
(22) 30.12.2016	(51) F25B 1/00	(72) PRINS, Jan
(54) GAS WATER HEATER AND SECURITY CONTROL SYSTEM AND METHOD THEREFOR	F25B 29/00	SCHMIDT, Frede
(73) Wuhu Midea Kitchen And Bath Appliances Mfg. Co, Ltd.	F25B 25/00	MADSEN, Kenneth Bank
Midea Group Co., Ltd.	F24F 11/00	FREDSLUND, Kristian
(72) XUE, Chengzhi	F25B 13/00	(31) 201500473
DAI, Xianfeng	F25B 45/00	(32) 14.08.2015
SHOU, Liping	F24F 3/06	(33) Denmark
LIANG, Zefeng	F25B 7/00	(51) F25B 13/00
LIANG, Guorong	(11) EP2492613	F25B 49/02
(31) 201621025272 U	(21) EP09850577.9	(11) EP2551614
201610794742	(47) 01.05.2019	(21) EP12161188.3
(32) 31.08.2016	(87) JP2009068162	(47) 01.05.2019
31.08.2016	28.04.2011	(22) 26.03.2012
(33) China	(22) 22.10.2009	(54) Air Conditioner and Control Method Thereof
China	(54) AIR CONDITIONING DEVICE	(73) Samsung Electronics Co., Ltd.
(51) F24S 25/40	(73) Mitsubishi Electric Corporation	(72) Son, Kil Soo
F24S 23/77	(72) YAMASHITA, Koji	Park, Seung Jun
G02B 7/183	MORIMOTO, Hiroyuki	Kim, Jong Woon
(11) EP2244034	MOTOMURA, Yuji	Jun, Hong Seok
(21) EP10380037.1	(51) F25B 1/00	(31) 20110074090
(47) 01.05.2019	F25B 49/02	(32) 26.07.2011
(22) 17.03.2010	F25B 13/00	(33) Korea (Republic)
(54) Heliostat facet	F25B 30/02	(51) F25B 29/00
(73) Sener Ingenieria Y Sistemas, S.A.	(11) EP3264009	F24D 3/18
(72) Lata Pérez, Jesus Maria	(21) EP16779897.4	F25B 1/00
(31) 200901011	(47) 01.05.2019	F25B 5/02
(32) 17.04.2009	(87) JP2016059821	F25B 6/02
(33) Spain	20.10.2016	F25B 7/00
(51) F24S 40/50	(22) 28.03.2016	F25B 13/00
F24S 40/60	(54) CONTROL DEVICE, CONTROL METHOD, AND COMPUTER PROGRAM	F25B 30/02
F24S 90/10	(73) Mitsubishi Heavy Industries Thermal Systems, Ltd.	F25B 47/02
F24D 19/00	(72) TERAOKA Masahiro	(11) EP2402686
F24D 19/10	OKADA Takuya	(21) EP10745948.9
F28D 20/00	(31) 2015082357	(47) 01.05.2019
F24S 40/58	(32) 14.04.2015	(87) JP2010001144
F24D 17/00	(33) Japan	02.09.2010
(11) EP2331882	(51) F25B 1/10	(22) 22.02.2010
(21) EP09819545.6	F25B 1/00	(54) HEAT PUMP SYSTEM
(47) 01.05.2019	F25B 5/04	(73) Daikin Industries, Ltd.
(87) US2009005484	F25B 49/02	(72) HONDA, Masahiro
15.04.2010	(11) EP3301380	
	(21) EP16841193.2	

- (31) 2009041319
(32) 24.02.2009
(33) Japan
-
- (51) F25B 30/02
F24D 17/00
F24D 19/10
F24H 4/04
F24D 3/08
F24D 3/18
(11) EP3115699
(21) EP16176094.7
(47) 01.05.2019
(22) 24.06.2016
(54) HEAT PUMP HOT WATER APPARATUS
(73) Panasonic Intellectual Property Management Co., Ltd.
- (72) TAKIZAWA, Sadahiro
FUJIMOTO, Takanobu
(31) 2015136581
(32) 08.07.2015
(33) Japan
-
- (51) F25B 39/02
F25B 41/00
F25B 41/04
F28F 9/02
F25B 41/06
F25B 31/00
F28D 21/00
(11) EP3306234
(21) EP17194601.5
(47) 01.05.2019
(22) 03.10.2017
(54) EVAPORATOR AND REFRIGERANT CIRCUIT
(73) MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
(72) MORI, Takachika
MAENO, Masashi
(31) 2016197401
(32) 05.10.2016
(33) Japan
-
- (51) F25B 43/00
(11) EP2636974
(21) EP13158114.2
(47) 01.05.2019
(22) 07.03.2013
(54) A non-replaceable filter assembly for a vehicle condenser having an upper subcooling section
(73) DENSO THERMAL SYSTEMS S.p.A.
(72) Toscano Rivalta, Giovanni
Tiziano, Giuseppe
Perocchio, Davide
(31) TO20120203
(32) 08.03.2012
(33) Italy
-
- (51) F25B 43/00
(11) EP2587194
(21) EP11841892.0
(47) 01.05.2019
(87) CN2011082334
24.05.2012
(22) 17.11.2011
(54) LIQUID RESERVOIR AND MANUFACTURING METHOD THEREFOR
(73) Zhejiang Sanhua Automotive Components Co., Ltd.
- (72) YIN, Bin
WANG, Lixin
WANG, Zhengwei
(31) 201020611886 U
(32) 17.11.2010
(33) China
-
- (51) F25B 45/00
(11) EP2562491
(21) EP11178644.8
(47) 01.05.2019
(22) 24.08.2011
(54) Filling system for transferring refrigerant to a refrigeration system and method of operating a filling system
(73) Mahle International GmbH
(72) Cording, Louis
-
- (51) F25B 47/02
(11) EP3109572
(21) EP16172645.0
(47) 01.05.2019
(22) 02.06.2016
(54) REFRIGERATOR
(73) LG ELECTRONICS INC.
(72) KIM, Hosan
(31) 20150088507
20150106879
(32) 22.06.2015
28.07.2015
(33) Korea (Republic)
Korea (Republic)
-
- (51) F25B 49/02
F04D 29/058
F04D 27/00
(11) EP2756240
(21) EP11872363.4
(47) 01.05.2019
(87) US2011051504
21.03.2013
(22) 14.09.2011
(54) CENTRIFUGAL COMPRESSOR DIFFUSER CONTROL
(73) Danfoss A/S
(72) SUN, Lin
ALVARES, Jose
RASMUSSEN, Mogens
-
- (51) F25C 1/24
F25C 5/02
F25C 5/18
F25C 5/08
(11) EP2539648
(21) EP11747681.2
(47) 01.05.2019
(87) KR2011001239
01.09.2011
(22) 23.02.2011
(54) ICE MAKER, REFRIGERATOR HAVING THE SAME, AND METHOD FOR SUPPLYING ICE THEREOF
(73) LG Electronics Inc.
(72) KIM, Seongjae
KIM, Bongjin
(31) 20100020979
20100016378
(32) 09.03.2010
23.02.2010
(33) Korea (Republic)
Korea (Republic)
-
- (51) F25D 11/00
F24F 13/04
(11) EP2847528
(21) EP13711788.3
(47) 01.05.2019
(87) US2013029485
14.11.2013
(22) 07.03.2013
(54) SUPPLY AIR DISCHARGE FOR A REFRIGERATED CONTAINER
(73) Carrier Corporation
(72) CRESSWELL, Kenneth
CHEN, Yu H.
(31) 201261645199 P
(32) 10.05.2012
(33) United States of America
-
- (51) F25D 11/00
F25D 21/06
(11) EP2881684
(21) EP13824934.7
(47) 01.05.2019
(87) JP2013004468
06.02.2014
(22) 23.07.2013
(54) CONTAINER REFRIGERATION DEVICE
(73) Daikin Industries, Ltd.
(72) UENO, Akitoshi
FUJIMOTO, Yuusuke
KURIYAMA, Hideaki
(31) 2012170292
(32) 31.07.2012
(33) Japan
-
- (51) F25D 11/02
F25B 40/02
(11) EP2869004
(21) EP14191509.0
(47) 01.05.2019
(22) 03.11.2014
(54) REFRIGERATOR AND METHOD FOR CONTROLLING THE SAME
(73) LG Electronics Inc.
(72) Lee, Sangbong
Lee, Jangseok
Lim, Hyoungkeun
Chung, Myungjin
Oh, Minkyu
(31) 20130133028
20140075097
(32) 04.11.2013
19.06.2014
(33) Korea (Republic)
Korea (Republic)
-
- (51) F25D 17/04
F25D 25/00
F25D 25/02
(11) EP2662648
(21) EP12401091.9
(47) 01.05.2019
(22) 10.05.2012
(54) Cooled or air-conditioned cabinet
(73) Miele & Cie. KG
Liebherr-Hausgeräte Ochsenhausen GmbH
(72) Knobloch, Guntram
Kretschmer, Sascha
Linke, Patrick
Placke, Frank
Tembaak, Jutta
Bader, Winfried

Brauchle, Thomas	(54) REFRIGERATOR	F25J 1/02
(51) F25D 17/06	(73) Panasonic Corporation	(11) EP3338043
(11) EP2275760	(72) HORII, Shin'ichi	(21) EP16738486.6
(21) EP10169719.1	(31) 2011264246	(47) 01.05.2019
(47) 01.05.2019	(32) 02.12.2011	(87) GB2016000127
(22) 15.07.2010	(33) Japan	02.03.2017
(54) Cooling device	(51) F25D 23/08	(22) 23.06.2016
(73) Whirlpool EMEA S.p.A	(11) EP2511632	(54) PROCESS FOR PRODUCING LIQUEFIED
(72) Cimarelli, Marco	(21) EP12002062.3	NATURAL GAS
Sabatini, Giorgio	(47) 01.05.2019	(73) Gasconsult Limited
(31) RN20090033	(22) 23.03.2012	(72) SKINNER, Geoffrey , Frederick
(32) 15.07.2009	(54) Refrigeration and/or freezer device	MAUNDER, Anthony, Dwight
(33) Italy	(73) Liebherr-Hausgeräte Lienz GmbH	(31) 201514932
(51) F25D 23/02	(72) Stocker, Richard	(32) 21.08.2015
(11) EP2194347	(31) 102011016915	(33) United Kingdom
(21) EP09161308.3	102011100042	(51) F25J 3/04
(47) 01.05.2019	(32) 13.04.2011	(11) EP3410050
(22) 28.05.2009	29.04.2011	(21) EP18020214.5
(54) Refrigerator and method of controlling the same	(33) Germany	(47) 01.05.2019
(73) Samsung Electronics Co., Ltd.	Germany	(22) 17.05.2018
(72) Kim, Gang Hyun	(51) F25D 23/12	(54) METHOD FOR PRODUCING ONE
Kim, Jin Ho	(11) EP2645027	OR MORE AIR PRODUCTS AND AIR
Son, Seok Jun	(21) EP13159688.4	SEPARATION SYSTEM
(31) 20080122426	(47) 01.05.2019	(73) Linde Aktiengesellschaft
(32) 04.12.2008	(22) 18.03.2013	(72) Golubev, Dimitri
(33) Korea (Republic)	(54) Refrigeration appliance, in particular for household use, comprising a beverage dispensing device, and method of assembly thereof	(31) 17020238
(51) F25D 23/02	(73) Whirlpool EMEA S.p.A	(32) 02.06.2017
(11) EP2500678	(72) Valeri, Andrea	(33) European Patent Office (EPO)
(21) EP12158153.2	(31) TO20120283	(51) F26B 5/06
(47) 01.05.2019	(32) 30.03.2012	F26B 25/00
(22) 06.03.2012	(33) Italy	(11) EP3011242
(54) Refrigerator	(51) F25D 25/02	(21) EP14733344.7
(73) Samsung Electronics Co., Ltd.	F25D 23/06	(47) 01.05.2019
(72) Park, Jae Yong	(11) EP2420783	(87) IB2014061664
Chu, Hyun Tae	(21) EP11176220.9	24.12.2014
Lee, Hyoung Suk	(47) 01.05.2019	(22) 23.05.2014
(31) 20110023964	(22) 02.08.2011	(54) FEED SYSTEM IN A LYOPHILIZATION
(32) 17.03.2011	(54) Cooling device with locking devices for a shelf	MACHINE FOR THE
(33) Korea (Republic)	(73) BSH Hausgeräte GmbH	PHARMACEUTICAL SECTOR
(51) F25D 23/02	(72) Becke, Christoph	(73) I.M.A. Industria Macchine Automatiche
F25D 23/06	Eicher, Max	S.p.A.
F25D 11/02	Staud, Ralph	(72) RAGAZZINI, Ivan
(11) EP1831620	Tischer, Thomas	(31) MI20131016
(21) EP05799107.7	(31) 102010039366	(32) 19.06.2013
(47) 01.05.2019	(32) 16.08.2010	(33) Italy
(87) EP2005011469	(33) Germany	(51) F27B 3/08
29.06.2006	(51) F25D 29/00	F27B 3/10
(22) 26.10.2005	(11) EP2850372	F27B 14/06
(54) COOLING APPLIANCE	(21) EP13712629.8	F27B 14/08
(73) Dometic GmbH	(47) 01.05.2019	F27B 19/04
(72) LOREK, Manfred	(87) US2013030420	F27D 27/00
KINSCHER, Joachim	21.11.2013	C22B 9/18
(31) 202004019713 U	(22) 12.03.2013	C22B 15/00
(32) 21.12.2004	(54) CARGO TEMPERATURE MONITORING AND CONTROL FOR A REFRIGERATED CONTAINER	(11) EP2798294
(33) Germany	(73) Carrier Corporation	(21) EP12810129.2
(51) F25D 23/06	(72) CRESSWELL, Kenneth	(47) 01.05.2019
F25D 23/02	CHEN, Yu H.	(87) EP2012074201
F25D 17/06	(31) 201261646526 P	04.07.2013
F25D 21/04	(32) 14.05.2012	(22) 03.12.2012
F25D 23/08	(33) United States of America	(54) METHOD FOR RECOVERING A
(11) EP2787312	(51) F25J 1/00	METAL FROM A SLAG CONTAINING
(21) EP12853646.3		THE METAL AND DEVICE FOR
(47) 01.05.2019		RECOVERING SAID METAL
(87) JP2012007398		(73) SMS group GmbH
06.06.2013		(72) KÖNIG, Roland
(22) 19.11.2012		WEYER, Axel
		SCHMIDL, Jürgen
		ZERVOS, Johannes

(31) 102011090072	(72) PINGALE, Milind	(73) Calsonic Kansei Corporation
(32) 29.12.2011	JOSEPH, Ronnie	(72) KATOU, Hiroki
(33) Germany	(31) 1945MU2013	SHINOHARA, Yasuyuki
(51) F27B 5/04	(32) 04.06.2013	(31) 2015025527
F27B 5/06	(33) India	2016008445
F27B 5/08	(51) F28C 1/14	(32) 12.02.2015
F27D 1/00	(11) EP3289300	20.01.2016
F27D 1/14	(21) EP16729363.8	(33) Japan
(11) EP3312535	(47) 01.05.2019	Japan
(21) EP17193546.3	(87) HU2016000022	(51) F28D 9/00
(47) 01.05.2019	03.11.2016	F25B 17/02
(22) 27.09.2017	(22) 22.04.2016	F25B 39/02
(54) VACUUM HEAT INSULATION	(54) HYBRID COOLING TOWER	F28D 21/00
STRUCTURE	(73) ENEXIO Hungary Zrt.	(11) EP2886993
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(72) GRÉGÁSZ, Attila	(21) EP13198757.0
(72) TAKAHASHI, Takaaki	DÖMÖTÖR, Zoltán	(47) 01.05.2019
(31) 2016206864	(31) P1500204	(22) 20.12.2013
(32) 21.10.2016	(32) 30.04.2015	(54) An evaporation and absorption unit
(33) Japan	(33) Hungary	(73) SWEP International AB
(51) F27B 7/20	(51) F28C 1/14	(72) Andersson, Sven
C04B 7/43	F28D 5/02	Dahlberg, Tomas
F27D 17/00	(11) EP3306247	Chatzitakis, Paris
(11) EP3149422	(21) EP17194597.5	Dawoud, Belal, Dr.
(21) EP15729328.3	(47) 01.05.2019	Hertwig, Jan
(47) 01.05.2019	(22) 03.10.2017	Kleem, Peter
(87) AT2015050136	(54) AIR-WATER HEAT EXCHANGER	Vedder, Ulrich
03.12.2015	STRUCTURE AND METHOD FOR	(51) F28D 9/00
(22) 27.05.2015	CONTROLLING AND ENHANCING THE	F28F 9/02
(54) APPARATUS FOR PRODUCING	OPERATION THEREOF	F02B 29/04
CEMENT CLINKER	(73) LU-VE S.P.A.	F28D 21/00
(73) Scheuch GmbH	(72) MERLO, Umberto	(11) EP2795222
(72) LISBERGER, Manfred	MARIANI, Giovanni	(21) EP12809788.8
(31) 500822014	FILIPPINI, Stefano	(47) 01.05.2019
(32) 27.05.2014	(31) 20160009929	(87) EP2012076033
(33) Austria	(32) 05.10.2016	27.06.2013
(51) F27B 9/26	(33) Italy	(22) 18.12.2012
F27B 9/22	(51) F28D 1/04	(54) STACKED-PLATE HEAT EXCHANGER
F27B 9/38	F28F 1/02	INCLUDING A COLLECTOR
F27D 3/00	(11) EP3021064	(73) Valeo Systèmes de Contrôle Moteur
F27B 9/24	(21) EP14823375.2	(72) LEROUX, Samuel
(11) EP2898275	(47) 01.05.2019	LALLEMANT, Mathieu
(21) EP13767034.5	(87) JP2014068203	SORIN, Stéphane
(47) 01.05.2019	15.01.2015	(31) 1162250
(87) FR2013052018	(22) 08.07.2014	(32) 22.12.2011
27.03.2014	(54) HEAT PUMP DEVICE	(33) France
(22) 03.09.2013	(73) Mitsubishi Electric Corporation	(51) F28D 15/02
(54) HIGH TEMPERATURE BAKING	(72) ISHIBASHI, Akira	F28D 15/04
FURNACE	MATSUDA, Takuya	H01L 23/427
(73) Ceritherm	OKAZAKI, Takashi	H05K 7/20
Direxa Engineering LLC	MOCHIZUKI, Atsushi	(11) EP3115728
SEPIA	(31) PCT/JP2013/068677	(21) EP16175004.7
(72) ZAMPARO, Giovanni	(32) 08.07.2013	(47) 01.05.2019
AUBERTOT, Christophe	(33) World Intellectual Property Office (WIPO)	(22) 17.06.2016
HATTON, Philippe	(51) F28D 1/053	(54) COOLING APPARATUS AND METHOD
(31) 1258857	B23P 21/00	(73) ABB Schweiz AG
(32) 21.09.2012	F28F 9/02	(72) Agostini, Bruno
(33) France	B23P 15/26	Torresin, Daniele
(51) F28B 9/08	F28F 9/14	Agostini, Francesco
F28B 9/10	(11) EP3258202	Riedel, Gernot
(11) EP3004770	(21) EP16749174.5	Habert, Mathieu
(21) EP14810532.3	(47) 01.05.2019	(31) 15176089
(47) 01.05.2019	(87) JP2016053555	(32) 09.07.2015
(87) IN2014000378	18.08.2016	(33) European Patent Office (EPO)
18.12.2014	(22) 05.02.2016	(51) F28D 15/02
(22) 03.06.2014	(54) HEAT EXCHANGER, HEAT	F28D 15/06
(54) CONDENSATE AND FLASH STEAM	EXCHANGER ASSEMBLING	B63H 21/38
RECOVERY SYSTEM	APPARATUS AND HEAT EXCHANGER	H02K 55/04
(73) Forbes Marshall Pvt. Ltd.	ASSEMBLING METHOD	F25D 19/00

(11) EP2606494	F02M 26/00	07.04.2016
(21) EP11766911.9	F28F 3/02	(22) 24.09.2015
(47) 01.05.2019	F28F 3/04	(54) HEAT EXCHANGER AND AIR
(87) EP2011066167	F28F 9/02	CONDITIONING APPARATUS
29.03.2012	(11) EP3039372	(73) Daikin Industries, Ltd.
(22) 19.09.2011	(21) EP14749833.1	(72) INOUE, Satoshi
(54) DEVICE AND METHOD FOR COOLING	(47) 01.05.2019	JINDOU, Masanori
A SUPERCONDUCTING MACHINE	(87) EP2014067103	(31) 2014202334
(73) Siemens Aktiengesellschaft	26.02.2015	(32) 30.09.2014
(72) FRANK, Michael	(22) 08.08.2014	(33) Japan
VAN HASSELT, Peter	(54) HEAT EXCHANGER	(51) F28F 9/22
(31) 102010041194	(73) MAHLE Behr GmbH & Co. KG	F28F 9/02
(32) 22.09.2010	(72) GESKES, Peter	F25B 13/00
(33) Germany	(31) 102013216408	F25B 39/02
(51) F28F 1/00	(32) 19.08.2013	F28D 1/047
(11) EP1556658	(33) Germany	F28F 1/32
(21) EP03777968.3	(51) F28F 3/02	F28D 21/00
(47) 01.05.2019	F24H 1/26	(11) EP3051245
(87) US2003034343	F24H 1/38	(21) EP13894592.8
13.05.2004	F24H 9/00	(47) 01.05.2019
(22) 28.10.2003	F28F 3/04	(87) JP2013076128
(54) KEEL COOLER WITH FLUID FLOW	F28F 3/12	02.04.2015
DIVERTER	(11) EP3173722	(22) 26.09.2013
(73) Duramax Marine, LLC	(21) EP15196286.7	(54) LAMINATE-TYPE HEADER,
(72) LEESON, Jeffrey, S.	(47) 01.05.2019	HEAT EXCHANGER, AND AIR-
BRAKEY, Michael, W.	(22) 25.11.2015	CONDITIONING APPARATUS
MILLER, P., Charles, Jr.	(54) HEAT EXCHANGER	(73) Mitsubishi Electric Corporation
(31) 282571	(73) Daikin Europe N.V.	(72) MATSUI, Shigeyoshi
(32) 29.10.2002	Daikin Industries, Ltd.	HIGASHIUE, Shinya
(33) United States of America	(72) KILIC, M.Serhan	OKAZAKI, Takashi
(51) F28F 1/32	TUNA, Aydin	ISHIBASHI, Akira
(11) EP3247965	PEKER, Hakan	ITO, Daisuke
(21) EP16700929.9	(51) F28F 3/12	MOCHIZUKI, Atsushi
(47) 01.05.2019	B22F 3/105	(51) F28F 17/00
(87) EP2016051041	F28D 20/02	F28F 19/00
28.07.2016	H01L 23/373	F28F 27/02
(22) 19.01.2016	(11) EP3048408	(11) EP2554936
(54) IMPROVED HEAT EXCHANGER WITH	(21) EP16151145.6	(21) EP12178979.6
TUBES AND FINS AND METHOD	(47) 01.05.2019	(47) 01.05.2019
FOR PRODUCING SUCH A HEAT	(22) 13.01.2016	(22) 02.08.2012
EXCHANGER	(54) COMPOSITE PASSIVE HEAT SINK	(54) Defrostable heat exchanging apparatus and
(73) Valeo Systemes Thermiques	SYSTEM AND METHOD	associated method
(72) BOISSELLE, Patrick	(73) Hamilton Sundstrand Space Systems	(73) The Boeing Company
BRY, Samuel	International, Inc.	(72) Mackin, Steven, G.
ETIENNE, Erwan	(72) STIEBER, Jesse Joseph	(31) 201113204414
(31) 1550415	(31) 201514597703	(32) 05.08.2011
(32) 19.01.2015	(32) 15.01.2015	(33) United States of America
(33) France	(33) United States of America	(51) F28F 27/02
(51) F28F 1/42	(51) F28F 9/02	F28D 1/053
(11) EP2917675	(11) EP1503164	F28F 9/02
(21) EP13792853.7	(21) EP03291862.5	(11) EP1884734
(47) 01.05.2019	(47) 01.05.2019	(21) EP07075611.9
(87) EP2013003333	(22) 28.07.2003	(47) 01.05.2019
15.05.2014	(54) Heat exchanger	(22) 19.07.2007
(22) 06.11.2013	(73) Mahle Behr France Rouffach S.A.S	(54) Heat exchanger assembly with partitioned
(54) EVAPORATION HEAT TRANSFER TUBE	(72) Beringer, Hervé	manifolds
(73) Wieland-Werke AG	Brun, Michel	(73) MAHLE International GmbH
(72) BEUTLER, Andreas	Muller, Thomas	(72) Beamer, Henry Earl
SCHWITALLA, Andreas	Tschamber, Yvan	Southwick, David A.
CAO, Jianying	(51) F28F 9/02	(31) 634762
LUO, Zhong	F24F 1/18	492477
(31) 201210451660	F25B 39/00	(32) 06.12.2006
201310128956	F28D 1/053	25.07.2006
(32) 12.11.2012	F28F 9/22	(33) United States of America
15.04.2013	(11) EP3203175	United States of America
(33) China	(21) EP15847695.2	(51) F28G 1/16
China	(47) 01.05.2019	F02G 1/055
(51) F28F 1/42	(87) JP2015076926	(11) EP3176534

- (21) EP16201397.3
(47) 01.05.2019
(22) 30.11.2016
(54) DEVICE AND METHOD FOR CLEANING
A HEAT EXCHANGER
(73) Frauscher Holding GmbH
(72) Frauscher, Josef
(31) 102015120801
(32) 01.12.2015
(33) Germany

(51) F41A 9/63
F41A 9/68
(11) EP3236192
(21) EP17164476.8
(47) 01.05.2019
(22) 03.04.2017
(54) MAGAZINE ASSEMBLY FOR A RIFLE
AND RIFLE WITH SUCH A MAGAZINE
ASSEMBLY
(73) L&O Hunting Group GmbH
(72) Klotz, Matthias
(31) 102016107479
(32) 22.04.2016
(33) Germany

(51) F41A 19/01
(11) EP3140605
(21) EP16751165.8
(47) 01.05.2019
(87) EP2016001100
05.01.2017
(22) 29.06.2016
(54) SHOT COUNTER
(73) Heckler & Koch GmbH
(72) LAMPARTER, Ingo
SCHEUERMANN, Frank
SCHUMACHER, Michael
(31) 102015008382
(32) 29.06.2015
(33) Germany

(51) F41G 7/22
(11) EP3262369
(21) EP16730124.1
(47) 01.05.2019
(87) US2016034901
08.12.2016
(22) 28.05.2016
(54) LONG RANGE KV-TO-KV
COMMUNICATIONS TO INFORM
TARGET SELECTION OF FOLLOWER
KVS
(73) Raytheon Company
(72) WRIGHT, Richard J.
SIERCHIO, James G.
CALKINS, Myron E.
PFLIBSEN, Kent P.
FRAHM, Perry H.
OWENS, William R.
CRAWFORD, Thomas M.
(31) 201514730884
(32) 04.06.2015
(33) United States of America

(51) F41H 3/00
(11) EP2433082
(21) EP10777457.2
(47) 01.05.2019
(87) IL2010000406
25.11.2010
(22) 23.05.2010
- (54) CAMOUFLAGE DEVICE
(73) Polaris Solutions, Ltd.
(72) PICCIOTTO, Asaf
(31) 180141 P
(32) 21.05.2009
(33) United States of America

(51) F42B 10/38
F42B 10/44
F42B 10/14
F42B 10/40
(11) EP3384229
(21) EP16854614.1
(47) 01.05.2019
(87) US2016055229
22.06.2017
(22) 03.10.2016
(54) DEPLOYMENT MECHANISM OF FINS
OR CONTROL SURFACES USING SHAPE
MEMORY MATERIALS
(73) Raytheon Company
(72) SUMMERS, Matthew H.
KOEHLER, Frederick B.
DANFORTH, Jeremy C.
VILLARREAL, James K.
(31) 201514956169
(32) 01.12.2015
(33) United States of America

(51) F42D 1/05
F42C 15/42
(11) EP3123103
(21) EP15767774.1
(47) 01.05.2019
(87) AU2015050121
01.10.2015
(22) 23.03.2015
(54) APPARATUS, SYSTEM AND METHOD
FOR BLASTING USING MAGNETIC
COMMUNICATION SIGNAL
(73) Orica International Pte Ltd
(72) KOTSONIS, Steven
WICKS, Byron
(31) 2014901099
(32) 27.03.2014
(33) Australia

(51) G01B 5/008
G01B 21/04
(11) EP3260811
(21) EP17176090.3
(47) 01.05.2019
(22) 14.06.2017
(54) METHOD FOR OPERATING A
COORDINATE MEASURING MACHINE
(73) Mitutoyo Corporation
(72) HEMMINGS, Scott Ellis
PATZWALD, Andrew
(31) 201615192799
201715476551
(32) 24.06.2016
31.03.2017
(33) United States of America
United States of America

(51) G01B 9/02
G01D 5/353
G01B 11/16
G01L 1/24
(11) EP2577222
(21) EP11790271.8
(47) 01.05.2019
- (87) US2011038512
08.12.2011
(22) 31.05.2011
(54) REGISTRATION OF AN EXTENDED
REFERENCE FOR PARAMETER
MEASUREMENT IN AN OPTICAL
SENSING SYSTEM
(73) Intuitive Surgical Operations Inc.
(72) FROGGATT, Mark, E.
KLEIN, Justin, W.
GIFFORD, Dawn, K.
REAVES, Matthew
BOS, Joseph, J.
SANG, Alexander, K.
(31) 350343 P
201161434175 P
(32) 01.06.2010
19.01.2011
(33) United States of America
United States of America

(51) G01B 11/00
G01C 15/00
(11) EP3382332
(21) EP18164167.1
(47) 01.05.2019
(22) 27.03.2018
(54) THREE-DIMENSIONAL MEASUREMENT
DEVICE
(73) TOPCON CORPORATION
(72) MORITA, Hideki
YOSHINO, Ken'ichiro
TANAKA, Yasushi
(31) 2017065168
(32) 29.03.2017
(33) Japan

(51) G01B 11/00
G02B 15/167
(11) EP2883018
(21) EP13747382.3
(47) 01.05.2019
(87) EP2013066575
13.02.2014
(22) 07.08.2013
(54) COORDINATE MEASURING DEVICE
FOR DETERMINING SPATIAL
COORDINATES OF A MEASUREMENT
OBJECT
(73) Carl Zeiss Industrielle Messtechnik GmbH
(72) WINTEROT, Johannes
ENGEL, Thomas
(31) PCT/EP2012/065396
(32) 07.08.2012
(33) World Intellectual Property Office (WIPO)

(51) G01B 11/00
H04S 5/02
G01C 3/06
H04S 7/00
(11) EP3151588
(21) EP15803982.6
(47) 01.05.2019
(87) JP2015065853
10.12.2015
(22) 02.06.2015
(54) POSITION DETERMINATION
APPARATUS, AUDIO APPARATUS,
POSITION DETERMINATION METHOD,
AND PROGRAM
(73) Yamaha Corporation

(72) FUJITA, Hiroyuki	(33) Poland	G06T 7/292
(31) 2014114350	(51) G01B 21/22	H04W 4/33
(32) 02.06.2014	G01B 21/04	(11) EP3168571
(33) Japan	(11) EP2092269	(21) EP16194543.1
(51) G01B 11/16	(21) EP07864697.3	(47) 01.05.2019
(11) EP3295121	(47) 01.05.2019	(22) 19.10.2016
(21) EP15730826.3	(87) US2007085315	(54) UTILIZING CAMERA TO ASSIST WITH
(47) 01.05.2019	29.05.2008	INDOOR PEDESTRIAN NAVIGATION
(87) FR2015051248	(22) 20.11.2007	(73) BlackBerry Limited
17.11.2016	(54) COORDINATE MEASUREMENT	(72) ALMALKI, Nazih
(22) 13.05.2015	MACHINE WITH IMPROVED JOINT	OLIVER, Robert George
(54) FACILITY FOR MONITORING A	(73) Hexagon Technology Center GmbH	(31) 201514939529
STRUCTURE	(72) EATON, Homer L.	(32) 12.11.2015
(73) Lynxplus SAS	FERRARI, Paul A.	(33) United States of America
(72) LIETARD, Cyril	(31) 860239 P	(51) G01C 21/30
(51) G01B 11/25	(32) 20.11.2006	G09B 29/00
G01B 21/04	(33) United States of America	G09B 29/10
A61C 9/00	(51) G01C 15/00	(11) EP2863179
(11) EP2921819	G01C 25/00	(21) EP13825799.3
(21) EP15450013.6	G01C 11/02	(47) 01.05.2019
(47) 01.05.2019	(11) EP3321630	(87) JP2013057408
(22) 19.03.2015	(21) EP17199895.8	06.02.2014
(54) METHOD FOR DETECTING SURFACE	(47) 01.05.2019	(22) 15.03.2013
GEOMETRIES	(22) 03.11.2017	(54) TERMINAL DEVICE, AND GUIDANCE
(73) a.tron3d GmbH	(54) SURVEYING INSTRUMENT	PROGRAM
(72) Jesenko, Jürgen	(73) Topcon Corporation	(73) Aisin Aw Co., Ltd.
(31) 102014103881	(72) YANOBE, Satoshi	(72) MASUDA, Hiroyoshi
(32) 21.03.2014	KUMAGAI, Kaoru	ANDO, Yohei
(33) Germany	(31) 2016222425	OOHASHI, Yusuke
(51) G01B 11/25	(32) 15.11.2016	(31) 2012168415
G06T 7/521	(33) Japan	(32) 30.07.2012
(11) EP3121558	(51) G01C 17/38	(33) Japan
(21) EP16178883.1	G01R 33/00	(51) G01C 21/32
(47) 01.05.2019	G01R 35/00	B60W 30/18
(22) 11.07.2016	(11) EP3139128	(11) EP3011272
(54) INTRAORAL THREE-DIMENSIONAL	(21) EP16161413.6	(21) EP14730501.5
MEASURING DEVICE, INTRAORAL	(47) 01.05.2019	(47) 01.05.2019
THREE-DIMENSIONAL MEASURING	(22) 21.03.2016	(87) EP2014062059
METHOD, AND INTRAORAL THREE-	(54) A CALIBRATION METHOD FOR	24.12.2014
DIMENSIONAL MEASUREMENT	MAGNETIC FIELD SENSING DEVICES,	(22) 11.06.2014
RESULT DISPLAY METHOD	CORRESPONDING SYSTEM,	(54) METHOD AND DEVICE FOR
(73) J. Morita Manufacturing Corporation	APPARATUS AND COMPUTER	PROCESSING MAP DATA OF A DIGITAL
(72) Sorimoto, Keisuke	PROGRAM PRODUCT	MAP
Nishimura, Mikinori	(73) STMicroelectronics S.r.l.	(73) Robert Bosch GmbH
Tanaka, Tsuyoshi	(72) BASSOLI, Rossella	(72) JOHANNABER, Martin
Sano, Masayuki	CRIPPA, Carlo	DENNER, Volkmar
Tsuda, Keiichi	(31) UB20153317	POECHMUELLER, Werner
Kaji, Ryosuke	(32) 01.09.2015	(31) 102013211800
(31) 2015139541	(33) Italy	(32) 21.06.2013
(32) 13.07.2015	(51) G01C 21/00	(33) Germany
(33) Japan	(11) EP2813816	(51) G01C 21/34
(51) G01B 11/26	(21) EP13189710.0	(11) EP3314207
G01B 11/16	(47) 01.05.2019	(21) EP16731571.2
(11) EP3312555	(22) 22.10.2013	(47) 01.05.2019
(21) EP17001732.1	(54) METHOD FOR PERFORMING MAP	(87) EP2016064267
(47) 01.05.2019	MATCHING IN USER TERMINAL	29.12.2016
(22) 20.10.2017	(73) Hyundai Mnsoft, Inc.	(22) 21.06.2016
(54) METHOD FOR MONITORING	(72) Lee, Seok Ho	(54) METHOD FOR DETERMINING A ROUTE
VARIABLE LOAD OF A ROOF	(31) 20130068468	AND TIME FRAME FOR THE TRAVEL
STRUCTURE	(32) 14.06.2013	OF A MOTOR VEHICLE, AND MOTOR
(73) WiSeNe Sp. z o.o.	(33) Korea (Republic)	VEHICLE
(72) Piore, Zbigniew	(51) G01C 21/16	(73) Bayerische Motoren Werke
Antoszkiewicz, Edward	G01C 21/20	Aktiengesellschaft
Osiniak, Marcin	H04N 5/225	(72) NIEMANN, Julia
Wierzbicki, Stanislaw	H04N 5/247	EICHHORN, Julian
(31) 41921816	G06T 7/32	BREISINGER, Marc
(32) 21.10.2016	G06T 7/70	GREIN, Daniel
		KUHN, Benjamin

SÜSSENGUTH, Philipp	Vescovo, Paul	(72) FARHADIROUSHAN, Mahmoud
(31) 102015211562	Joseph, Eric	PARKER, Tom, Richard
(32) 23.06.2015	Hélin, Philippe	SHATALIN, Sergey
(33) Germany	(31) 0703754	(31) 0908990
(51) G01C 21/36	(32) 29.05.2007	0912051
B60K 35/00	(33) France	(32) 27.05.2009
(11) EP2530432	(51) G01D 5/12	11.07.2009
(21) EP11737059.3	G01D 5/20	(33) United Kingdom
(47) 01.05.2019	G01D 5/24	United Kingdom
(87) JP2011051514	G01D 5/14	(51) G01D 9/00
04.08.2011	(11) EP3044550	G01D 9/28
(22) 26.01.2011	(21) EP14844358.3	G01D 21/02
(54) IN-VEHICLE INFORMATION DEVICE	(47) 01.05.2019	B65H 43/00
(73) Clarion Co., Ltd.	(87) US2014055231	G01B 21/20
(72) NAKAYAMA, Kiyoshi	19.03.2015	D21F 5/00
TAKAHASHI, Masato	(22) 11.09.2014	H04J 3/06
(31) 2010014793	(54) DEVICES AND METHODS RELATED	(11) EP2999946
2010014789	TO HIGH-RESOLUTION MULTI-TURN	(21) EP14801658.7
(32) 26.01.2010	SENSORS	(47) 01.05.2019
26.01.2010	(73) Bourns Incorporated	(87) CA2014000424
(33) Japan	(72) BOGOS, Eugen	27.11.2014
Japan	COUCH, Christopher	(22) 12.05.2014
(51) G01C 21/36	WEHLMANN, Perry	(54) WIRELESS POSITION-TIME
B60K 35/00	(31) 201361876738 P	SYNCHRONIZATION FOR SCANNING
G02B 27/01	(32) 11.09.2013	SENSOR DEVICES
(11) EP3358304	(33) United States of America	(73) Honeywell Limited
(21) EP15905364.4	(51) G01D 5/34	(72) HOFMAN, Gertjan
(47) 01.05.2019	G01B 21/24	THALORE, Sudhir
(87) JP2015077666	(11) EP2950046	(31) 201313900738
06.04.2017	(21) EP15168411.5	(32) 23.05.2013
(22) 30.09.2015	(47) 01.05.2019	(33) United States of America
(54) VEHICULAR DISPLAY DEVICE	(22) 20.05.2015	(51) G01F 1/32
(73) Nissan Motor Co., Ltd.	(54) METHOD FOR DETERMINING A	G01F 1/86
(72) MARUYAMA, Kenji	CLOSED TRAJECTORY BY MEANS	G01F 1/88
WATANABE, Hiroshi	OF A LASER AND OF A LASER	G01F 15/00
KOSAKA, Norio	LIGHT SENSOR AND DEVICE	G01F 15/18
SHISHIDO, Masayuki	FOR DETERMINING A CLOSED	(11) EP2044391
(51) G01C 21/36	TRAJECTORY	(21) EP07787725.6
G09B 29/10	(73) Prüftechnik Dieter Busch AG	(47) 01.05.2019
G06F 3/0485	(72) Locoge, Pascal	(87) EP2007057467
G06F 3/01	Zöcke, Christine	24.01.2008
G02B 27/01	(31) 102014210248	(22) 19.07.2007
(11) EP3037784	(32) 28.05.2014	(54) MEASURING SYSTEM FOR A MEDIUM
(21) EP14199992.0	(33) Germany	FLOWING IN A PROCESS LINE
(47) 01.05.2019	(51) G01D 5/347	(73) Endress + Hauser Flowtec AG
(22) 23.12.2014	G01D 5/244	(72) HÖCKER, Rainer
(54) Causation of display of supplemental map	G01D 5/245	(31) 102006034296
information	(11) EP2963393	102006047815
(73) Nokia Technologies OY	(21) EP15001887.7	(32) 21.07.2006
(72) Eronen, Antti	(47) 01.05.2019	06.10.2006
Leppänen, Jussi	(22) 25.06.2015	(33) Germany
Lehtiniemi, Arto	(54) ABSOLUTE ENCODER	Germany
(51) G01D 1/04	(73) Canon Kabushiki Kaisha	(51) G01F 1/34
G01D 5/04	(72) OGASAWARA, Makiko	F04D 29/70
G06M 1/04	UOZUMI, Takayuki	F04D 27/00
(11) EP1998144	(31) 2014136215	(11) EP3287642
(21) EP08290492.1	(32) 01.07.2014	(21) EP17185975.4
(47) 01.05.2019	(33) Japan	(47) 01.05.2019
(22) 28.05.2008	(51) G01D 5/353	(22) 11.08.2017
(54) Element for transmitting to a first mobile	(11) EP2435796	(54) FLOW CONDITIONER FOR FAN
element comprising teeth, a relative	(21) EP10737370.6	(73) ebm-papst Mulfingen GmbH & Co. KG
movement between second and third	(47) 01.05.2019	(72) HAAF, Oliver
elements of a system	(87) GB2010050888	HELI, Thomas
(73) Etat français représenté par le Délégué	02.12.2010	GEBERT, Daniel
Général pour l'Armement	(22) 27.05.2010	(31) 102016115616
(72) Louvigné, Pierre-François	(54) OPTICAL SENSOR AND METHOD OF	(32) 23.08.2016
MInotti, Patrice	USE	(33) Germany
Walter, Vincent	(73) Silixa Ltd	(51) G01F 1/58

- | | | |
|------------------------------------|--------------------------------|--------------------------------------|
| (11) EP3268698 | (54) MEASURING SYSTEM WITH A | (21) EP16199023.9 |
| (21) EP16704233.2 | MEASURING TRANSDUCER OF A | (47) 01.05.2019 |
| (47) 01.05.2019 | VIBRATION TYPE | (22) 16.11.2016 |
| (87) EP2016053094 | (73) Endress+Hauser Flowtec AG | (54) DEVICE FOR MEASURING A PROPERTY |
| 15.09.2016 | (72) ZHU, Hao | OF A FLOWING FLUID |
| (22) 15.02.2016 | DRAHM, Wolfgang | (73) Endress + Hauser Flowtec AG |
| (54) MAGNETIC-INDUCTIVE FLOW METER | RIEDER, Alfred | (72) Pennington, Jason |
| WITH REDUCED CURRENT DRAW | KUMAR, Vivek | Head, Robert |
| (73) Endress+Hauser Flowtec AG | (31) 102010039543 | (31) 201514975947 |
| (72) FINK, Nikolai | (32) 19.08.2010 | (32) 21.12.2015 |
| SCHMALZRIED, Frank | (33) Germany | (33) United States of America |
| DRAHM, Wolfgang | (51) G01F 3/10 | (51) G01G 11/00 |
| (31) 102015103580 | G01F 15/14 | G01G 17/00 |
| (32) 11.03.2015 | (11) EP2601488 | (11) EP2405244 |
| (33) Germany | (21) EP11814188.6 | (21) EP11004936.8 |
| (51) G01F 1/66 | (47) 01.05.2019 | (47) 01.05.2019 |
| (11) EP2370794 | (87) IB2011053423 | (22) 16.06.2011 |
| (21) EP09774893.3 | 09.02.2012 | (54) Scales |
| (47) 01.05.2019 | (22) 01.08.2011 | (73) Bizerba SE & Co. KG |
| (87) EP2009066913 | (54) FLUID FLOW METER | (72) Hauck, Timo |
| 08.07.2010 | (73) Ecolab USA Inc. | (31) 102010026207 |
| (22) 11.12.2009 | (72) SKIRDA, Anatoly | (32) 06.07.2010 |
| (54) MEASURING TUBE OF A MEASURING | MEHUS, Richard | (33) Germany |
| SYSTEM FOR DETERMINING AND/ | CHRISTENSEN, William, M. | (51) G01G 17/08 |
| OR MONITORING THE FLOW OF A | LIMBACK, Scott | G01G 21/22 |
| MEASURING MEDIUM THROUGH SAID | (31) 851598 | (11) EP2487474 |
| MEASURING TUBE BY MEANS OF | (32) 06.08.2010 | (21) EP12155008.1 |
| ULTRASOUND | (33) United States of America | (47) 01.05.2019 |
| (73) Endress+Hauser Flowtec AG | (51) G01F 11/02 | (22) 10.02.2012 |
| (72) BEZDEK, Michal | F16J 15/32 | (54) Platform scale |
| KUMAR, Vivek | F04B 13/00 | (73) Janner, Siegfried |
| WIEST, Achim | F04B 15/02 | (72) Janner, Siegfried |
| UEBERSCHLAG, Pierre | F16J 15/3236 | (31) 102011000682 |
| (31) 102008055165 | F16J 1/00 | (32) 11.02.2011 |
| (32) 29.12.2008 | F16J 15/56 | (33) Germany |
| (33) Germany | (11) EP3033597 | (51) G01G 19/08 |
| (51) G01F 1/704 | (21) EP15701844.1 | B60W 40/13 |
| G01F 15/07 | (47) 01.05.2019 | (11) EP2895826 |
| G01N 13/00 | (87) IB2015050269 | (21) EP13745447.6 |
| G01N 33/18 | 27.08.2015 | (47) 01.05.2019 |
| G01N 33/24 | (22) 14.01.2015 | (87) FR2013051482 |
| (11) EP1527326 | (54) DOSING PISTON | 20.03.2014 |
| (21) EP03722923.4 | (73) A.T.P. S.p.A. | (22) 26.06.2013 |
| (47) 01.05.2019 | (72) ZACCHE', Vanni | (54) DEVICE AND METHOD FOR |
| (87) IB2003001874 | (31) MI20140239 | ESTIMATING THE CHARGE OF A |
| 27.11.2003 | (32) 19.02.2014 | MOTOR VEHICLE |
| (22) 15.05.2003 | (33) Italy | (73) RENAULT s.a.s. |
| (54) SAMPLING DEVICE AND METHOD | (51) G01F 25/00 | (72) PLANCHE, Grégory |
| FOR MEASURING FLUID FLOW AND | G01F 1/58 | VERBEKE, Benoît |
| SOLUTE MASS TRANSPORT | G01F 1/60 | ZAOUI, Kamal |
| (73) Aarhus Universitet | G01F 1/00 | (31) 1258520 |
| (72) DE JONGE, Hubert | (11) EP3168582 | (32) 11.09.2012 |
| ROTHENBERG, Gadi | (21) EP16198008.1 | (33) France |
| (31) 0201485 | (47) 01.05.2019 | (51) G01H 11/06 |
| 380813 P | (22) 09.11.2016 | G01M 5/00 |
| (32) 15.05.2002 | (54) METHOD AND APPARATUS | G01M 7/00 |
| 15.05.2002 | FOR ELECTRODE IMPEDANCE | (11) EP2857808 |
| (33) Sweden | MEASUREMENT | (21) EP13796669.3 |
| United States of America | (73) ABB Limited | (47) 01.05.2019 |
| (51) G01F 1/74 | (72) KEECH, Ray | (87) JP2013055419 |
| G01F 1/84 | (31) 201519835 | 05.12.2013 |
| (11) EP2606319 | (32) 10.11.2015 | (22) 28.02.2013 |
| (21) EP11741149.6 | (33) United Kingdom | (54) ELECTRET TYPE VIBRATION |
| (47) 01.05.2019 | (51) G01F 25/00 | DETECTION SYSTEM, METHOD OF |
| (87) EP2011061723 | G01F 1/58 | CREATING EXTERNAL VIBRATION |
| 23.02.2012 | G01F 1/60 | INFORMATION, METHOD OF |
| (22) 11.07.2011 | G01F 15/00 | CREATING TRANSFER FUNCTION |
| | (11) EP3184973 | INFORMATION REGARDING |

EXTERNAL VIBRATION, PROGRAM FOR CREATING EXTERNAL VIBRATION INFORMATION, AND PROGRAM FOR CREATING TRANSFER FUNCTION INFORMATION REGARDING EXTERNAL VIBRATION	G01J 3/36 G01J 5/52 (11) EP2871452 (21) EP14192862.2 (47) 01.05.2019 (22) 12.11.2014	(72) Mehrl, David Kelly, George (31) 201662331674 P (32) 04.05.2016 (33) United States of America
(73) Omron Corporation Tokyo Institute of Technology	(54) Divided-aperture infra-red spectral imaging system	(51) G01J 3/51 G01J 1/42 G01J 1/04
(72) MASAKI Tatsuakira NAKAO Shinichi NISHIDA Hideshi SASAKI Eiichi YAMAGUCHI Hiroshi	(73) Rebellion Photonics, Inc. (72) Kester, Robert Timothy Hagan, Nathan Adrian (31) 201361903075 P (32) 12.11.2013 (33) United States of America	(11) EP2673805 (21) EP12744509.6 (47) 01.05.2019 (87) FI2012050102 16.08.2012 (22) 03.02.2012
(31) 2012123487 (32) 30.05.2012 (33) Japan	(51) G01J 3/42 G01N 21/63 G02B 21/24 G02B 26/06	(54) SENSING OF PHOTONS (73) Nokia Technologies Oy (72) VOUTILAINEN, Martti ROUVALA, Markku PASANEN, Pirjo
(51) G01J 1/00 H01L 51/42 H01L 31/0352 H01L 31/112	(11) EP3237858 (21) EP15817341.9 (47) 01.05.2019 (87) EP2015080932 30.06.2016 (22) 22.12.2015	(31) 201113025853 (32) 11.02.2011 (33) United States of America
(11) EP3174108 (21) EP15196932.6 (47) 01.05.2019 (22) 30.11.2015	(54) METHOD FOR REFOCUSING AN OPTICAL ASSEMBLY	(51) G01J 5/00 G01J 5/02 G01J 5/04 G01J 5/08
(54) A QUANTUM DOT PHOTODETECTOR APPARATUS AND ASSOCIATED METHODS	(73) Centre National de la Recherche Scientifique Université des Sciences et Technologies de Lille 1 ISEN	(11) EP2478344 (21) EP10749868.5 (47) 01.05.2019 (87) EP2010063106 24.03.2011 (22) 07.09.2010
(73) Emberion Oy (72) Kallioinen, Sami Seppo Antero Voutilainen, Martti Kalevi	(72) DEVOS, Arnaud (31) 1463250 (32) 23.12.2014 (33) France	(54) INFRARED THERMOMETER (73) Microlife Intellectual Property GmbH (72) LIN, Wen-Teng FRICK, Gerhard (31) 09170437 (32) 16.09.2009 (33) European Patent Office (EPO)
(51) G01J 1/42 G01J 5/00 G01J 1/02 G01J 1/04 G01J 5/02	(51) G01J 3/447 (11) EP3015832 (21) EP15190915.7 (47) 01.05.2019 (22) 21.10.2015	(51) G01J 5/00 G01J 5/08 G01J 5/58 G01N 21/3504
(11) EP3074737 (21) EP14783739.7 (47) 01.05.2019 (87) US2014057603 04.06.2015 (22) 26.09.2014	(54) LIQUID CRYSTAL FOURIER TRANSFORM IMAGING SPECTROMETER	(72) LIN, Wen-Teng FRICK, Gerhard (31) 09170437 (32) 16.09.2009 (33) European Patent Office (EPO)
(54) ULTRAVIOLET LIGHT FLAME DETECTOR	(73) Palo Alto Research Center, Incorporated	(51) G01J 5/00 G01J 5/08 G01J 5/58 G01N 21/3504
(73) DETECTOR ELECTRONICS CORPORATION	(72) HEGYI, Alex MARTINI, Joerg (31) 201414527347 201414527378 201514883404	(11) EP3298365 (21) EP15726077.9 (47) 01.05.2019 (87) EP2015061432 01.12.2016 (22) 22.05.2015
(72) FOLLETT, Gary (31) 201361909457 P (32) 27.11.2013 (33) United States of America	(32) 29.10.2014 29.10.2014 14.10.2015 (33) United States of America United States of America United States of America	(54) INFRARED IMAGING DETECTOR (73) IRnova AB (72) GAMFELDT, Anders
(51) G01J 1/44 G01N 21/64 G02B 21/00 G02B 21/06 G02B 21/36	(51) G01J 3/51 G01J 1/04 G01J 3/02 H01L 27/146 H04N 9/04	(51) G01J 5/08 H01L 27/144 H01L 27/146 G01J 1/04 G01J 3/28 G01J 5/10 H03C 7/00
(11) EP3264153 (21) EP17177377.3 (47) 01.05.2019 (22) 22.06.2017	(11) EP3242114 (21) EP16174001.4 (47) 01.05.2019 (22) 10.06.2016	(11) EP3220113 (21) EP16305288.9 (47) 01.05.2019 (22) 16.03.2016
(54) LIGHT SHEET MICROSCOPE AND CONTROL METHOD FOR LIGHT SHEET MICROSCOPE	(54) ARRANGEMENT OF AN APERTURE AND A FILTER REGION FOR A FILTER SENSOR DEVICE AND FILTER SENSOR DEVICE	(54) OPTOMECHANICAL TRANSDUCER FOR TERAHERTZ ELECTROMAGNETIC WAVES (73) Centre National de la Recherche Scientifique - CNRS -
(73) Olympus Corporation (72) SHIMADA, Yoshihiro ARAI, Yujin (31) 2016128146 (32) 28.06.2016 (33) Japan	(73) ams AG	
(51) G01J 3/02		

Université Paris Diderot	(31) 201615223526	(73) Kozin, Peter
(72) FAVERO, Ivan	(32) 29.07.2016	(72) Kozin, Peter
BELACEL, Chérif	(33) United States of America	(31) 201300364
BARBIERI, Stefano	(51) G01L 19/00	201400398
GACEMI, Djamel	G01L 19/06	(32) 05.11.2013
TODOROV, Yanko	(11) EP2304404	28.10.2014
SIRTORI, Carlos	(21) EP09763295.4	(33) Slovenia
(51) G01J 5/52	(47) 01.05.2019	Slovenia
G08B 13/18	(87) US2009046060	(51) G01M 13/045
G08B 13/191	17.12.2009	G01H 1/14
(11) EP2454570	(22) 03.06.2009	(11) EP2543977
(21) EP10797864.5	(54) IMPROVED ISOLATION SYSTEM FOR	(21) EP11750503.2
(47) 01.05.2019	PROCESS PRESSURE MEASUREMENT	(47) 01.05.2019
(87) US2010041409	(73) Rosemount Inc.	(87) JP2011053734
13.01.2011	(72) BRODEN, David, A.	09.09.2011
(22) 08.07.2010	(31) 137648	(22) 21.02.2011
(54) INFRARED MOTION SENSOR SYSTEM	(32) 12.06.2008	(54) DIAGNOSTIC METHOD AND
AND METHOD	(33) United States of America	DIAGNOSTIC DEVICE FOR A SLIDE
(73) Suren Systems, Ltd.	(51) G01L 19/04	BEARING
(72) MICKO, Eric Scott	G01L 23/28	(73) Asahi Kasei Engineering Corporation
(31) 270482 P	F01N 3/20	(72) SAKO, Takashi
(32) 10.07.2009	(11) EP2772741	TAMURA, Kouichi
(33) United States of America	(21) EP13004641.0	(31) 2010046767
(51) G01J 9/02	(47) 01.05.2019	(32) 03.03.2010
G01B 9/02	(22) 25.09.2013	(33) Japan
G01M 11/00	(54) Pressure sensor for measuring pressure,	(51) G01M 15/10
(11) EP3176552	in particular in an exhaust system of a	F01N 3/021
(21) EP15827109.8	combustion engine	F01N 11/00
(47) 01.05.2019	(73) MAN Truck & Bus AG	F02D 41/14
(87) JP2015071528	(72) Harres, Ulrich	(11) EP2780684
04.02.2016	Reichert, Sebastian	(21) EP12849029.9
(22) 29.07.2015	(31) 102013003328	(47) 01.05.2019
(54) COLLIMATION EVALUATION DEVICE	(32) 28.02.2013	(87) SE2012051241
AND COLLIMATION EVALUATION	(33) Germany	23.05.2013
METHOD	(51) G01L 19/08	(22) 13.11.2012
(73) Hamamatsu Photonics K.K.	G01L 27/00	(54) METHOD AND SYSTEM FOR
(72) OKUMA, Junji	G01F 1/66	DIAGNOSIS OF A COMBUSTION
IGASAKI, Yasunori	G01F 15/06	ENGINE
(31) 2014154779	G01L 9/00	(73) Scania CV AB
(32) 30.07.2014	G01D 4/00	(72) STENLÅÅS, Ola
(33) Japan	G01D 18/00	(31) 1151074
(51) G01K 5/56	G01M 3/28	(32) 14.11.2011
(11) EP2494324	(11) EP3184984	(33) Sweden
(21) EP10858260.2	(21) EP15202081.4	(51) G01M 17/02
(47) 01.05.2019	(47) 01.05.2019	G01R 33/07
(87) US2010054632	(22) 22.12.2015	(11) EP3243058
12.04.2012	(54) A SYSTEM FOR CALIBRATING	(21) EP16701084.2
(22) 29.10.2010	PRESSURE SENSORS IN A UTILITY	(47) 01.05.2019
(54) MULTI-STAGE TEMPERATURE	NETWORK	(87) US2016012116
INDICATING DEVICE	(73) Kamstrup A/S	14.07.2016
(73) VOLK ENTERPRISES INC.	(72) Sørensen, Jens Lykke	(22) 05.01.2016
(72) THOMPSON, Gary, M.	Laursen, Peter Schmidt	(54) MULTIPLE ROW SENSING DEVICE FOR
(31) 256627 P	Nielsen, Søren Tønnes	A TIRE
(32) 30.10.2009	Nielsen, Lars Hovgaard	(73) Compagnie Générale des Etablissements
(33) United States of America	(51) G01M 3/22	Michelin
(51) G01L 9/00	G01M 3/20	Compagnie Générale des Etablissements
H01H 35/00	G01M 3/32	Michelin
H01H 37/00	(11) EP3066444	(72) SCHOBER, Bradley, D.
(11) EP3276320	(21) EP14824153.2	GRAMLING, Frank, E.
(21) EP17183125.8	(47) 01.05.2019	JUDD, David, A.
(47) 01.05.2019	(87) SI2014000062	(31) PCT/US2015/010154
(22) 25.07.2017	14.05.2015	(32) 05.01.2015
(54) MULTI-CONDITION SENSOR SYSTEMS	(22) 03.11.2014	(33) World Intellectual Property Office (WIPO)
(73) Kidde Technologies, Inc.	(54) INDICATOR FOR PROVING TIGHTNESS	(51) G01N 1/34
(72) WALLACE, Steven	OF SEALS IN A PACKAGING	C12N 15/10
CODISPOTI, Benjamin	CONSISTING OF AT LEAST PARTIALLY	B01L 3/00
CORETH, Lawrence A.	LIGHT PERMEABLE THERMOPLASTIC	(11) EP2394152
FRASURE, David William	FILM	(21) EP10732498.0

(47) 01.05.2019	(73) Syddansk Universitet	(73) Johann Wolfgang Goethe-Universität
(87) US2010023045	(72) DI CAGNO, Massimiliano Pio	(72) PAMPALONI, Francesco
12.08.2010	BAUER-BRANDL, Annette	STELZER, Ernst H. K.
(22) 03.02.2010	(31) 201470708	MATTHEYER, Christian
(54) NUCLEIC ACID PURIFICATION	201570253	(31) 102012108158
(73) ANDE Corporation	(32) 17.11.2014	(32) 03.09.2012
(72) SELDEN, Richard, F.	29.04.2015	(33) Germany
TAN, Eugene	(33) Denmark	(51) G01N 21/05
(31) 206690 P	Denmark	G01N 21/27
207017 P	(51) G01N 15/10	G01N 21/64
(32) 03.02.2009	G06T 1/00	G01N 21/55
06.02.2009	G02B 21/34	G01N 21/65
(33) United States of America	(11) EP2387708	G01N 21/03
United States of America	(21) EP10749072.4	(11) EP2722663
(51) G01N 3/303	(47) 01.05.2019	(21) EP12801279.6
(11) EP3320324	(87) US2010021045	(47) 01.05.2019
(21) EP16748382.5	10.09.2010	(87) JP2012064147
(47) 01.05.2019	(22) 14.01.2010	20.12.2012
(87) US2016041596	(54) AUTOMATED REAL-TIME PARTICLE	(22) 31.05.2012
19.01.2017	CHARACTERIZATION AND THREE-	(54) SENSOR CHIP USED IN SPECIMEN
(22) 08.07.2016	DIMENSIONAL VELOCIMETRY WITH	DETECTION DEVICE AND SPECIMEN
(54) DROP WEIGHT TOWER FOR CRACK	HOLOGRAPHIC VIDEO MICROSCOPY	DETECTION DEVICE USING SENSOR
INITIATION IN FRACTURE MECHANICS	(73) New York University	CHIP
SAMPLES	(72) GRIER, David G.	(73) Konica Minolta, Inc.
(73) SABIC Global Technologies B.V.	CHEONG, Fook Chiong	(72) AOKI, Youichi
Kay, David	XIAO, Ke	(31) 2011132103
(72) KAY, David	(31) 145402 P	(32) 14.06.2011
BAJAJ, Devendra	171199 P	(33) Japan
(31) 201562190866 P	(32) 16.01.2009	(51) G01N 21/05
(32) 10.07.2015	21.04.2009	G03H 1/00
(33) United States of America	(33) United States of America	G01N 15/14
(51) G01N 15/04	United States of America	(11) EP2898310
E21B 21/00	(51) G01N 15/14	(21) EP13770649.5
G01N 33/28	G01F 1/36	(47) 01.05.2019
G01N 11/00	G05D 7/06	(87) EP2013069625
(11) EP2839261	G05D 16/00	27.03.2014
(21) EP13730699.9	(11) EP2633283	(22) 20.09.2013
(47) 01.05.2019	(21) EP11782698.2	(54) DIGITAL HOLOGRAPHIC MICROSCOPE
(87) US2013043374	(47) 01.05.2019	WITH FLUID SYSTEMS
19.12.2013	(87) US2011057445	(73) Ovizio Imaging Systems NV/SA
(22) 30.05.2013	03.05.2012	(72) MATHUIS, Philip
(54) METHODS FOR PREDICTING DYNAMIC	(22) 24.10.2011	JOORIS, Serge
SAG USING VISCOMETER/RHEOMETER	(54) DUAL FEEDBACK VACUUM FLUIDICS	(31) 12185229
DATA	FOR A FLOW-TYPE PARTICLE	(32) 20.09.2012
(73) Halliburton Energy Services, Inc.	ANALYZER	(33) European Patent Office (EPO)
(72) KULKARNI, Sandeep	(73) Becton, Dickinson and Company	(51) G01N 21/17
SAVARI, Sharath	(72) VRANE, David	H01J 27/24
TEKE, Kushabhau, D.	NORTON, Pierce, O.	H01S 3/10
JAMISON, Dale, E.	(31) 407990 P	H01S 3/00
MURPHY, Robert, J.	(32) 29.10.2010	H01S 3/067
GANTEPLA, Anita	(33) United States of America	H01S 3/23
(31) 201213492885	(51) G01N 21/03	(11) EP2979336
(32) 10.06.2012	G01N 21/11	(21) EP14715245.8
(33) United States of America	G01N 21/64	(47) 01.05.2019
(51) G01N 15/08	B01L 3/00	(87) EP2014056230
G01N 33/15	G02B 21/00	02.10.2014
B01D 69/10	G02B 21/26	(22) 27.03.2014
B01D 69/12	G02B 21/33	(54) HEURISTIC LASER DEVICE USING
B01D 69/14	(11) EP2893319	AN APPARATUS FOR PRODUCING
(11) EP3221687	(21) EP13753895.5	LASER PULSES AND CORRESPONDING
(21) EP15797252.2	(47) 01.05.2019	HEURISTIC METHOD
(47) 01.05.2019	(87) EP2013068186	(73) Ecole Polytechnique
(87) DK2015050352	06.03.2014	(72) MOUROU, Gérard
26.05.2016	(22) 03.09.2013	TAJIMA, Toshiki
(22) 17.11.2015	(54) ARRANGEMENT AND METHOD FOR	(31) 1352786
(54) ASSEMBLY FOR ASSESSING DRUG	ACCOMMODATING, POSITIONING	(32) 27.03.2013
PERMEABILITY WITH ADJUSTABLE	AND EXAMINING A MICROSCOPIC	(33) France
BIOMIMETIC PROPERTIES	SPECIMEN	(51) G01N 21/35

G01N 21/47	G01N 21/3504	(47) 01.05.2019
C09C 1/00	G01N 21/61	(87) JP2009005064
C09D 5/00	(11) EP3292394	15.04.2010
C09D 7/41	(21) EP16723961.5	(22) 01.10.2009
G01N 21/25	(47) 01.05.2019	(54) TRAY FOR IMAGE READING DEVICE
G01J 3/46	(87) EP2016059875	(73) Satake Corporation
(11) EP2553426	10.11.2016	(72) HARA, Masazumi
(21) EP11718144.6	(22) 03.05.2016	ISHIZUKI, Hiroki
(47) 01.05.2019	(54) RADIATION DETECTOR FOR A	TAKEUCHI, Hiroaki
(87) GB2011050619	NON-DISPERSIVE INFRARED GAS	OCHI, Tatsuhiko
06.10.2011	ANALYZER	HIRANO, Shuichi
(22) 25.03.2011	(73) Emerson Process Management GmbH & Co.	ZHENG, Jun
(54) METHOD OF CHARACTERISING A	OHG	(31) 2008262366
SCATTERING COLOURED PIGMENT	(72) SCHNEIDER, Rudolf	(32) 09.10.2008
(73) Venator Materials UK Limited	KNÖPKE, Leif	(33) Japan
(72) EDWARDS, John Lalande	WINTER, Marc	(51) G01N 21/85
LOWRY, Karl	WOMBACHER, Erich	G01N 21/3504
PARNHAM, Emily Ruth	(31) 102015106915	G01N 33/22
REID, Sean Oliver Edward	(32) 04.05.2015	G01N 21/3581
ROBB, John	(33) Germany	G01N 21/39
TONKIN, Rebecca Louise	(51) G01N 21/47	(11) EP1508794
(31) 201005344	G01N 21/35	(21) EP03255126.9
(32) 30.03.2010	G01N 21/77	(47) 01.05.2019
(33) United Kingdom	G01N 21/81	(22) 18.08.2003
(51) G01N 21/35	G01M 11/00	(54) Method and apparatus for performing rapid
G01N 33/28	G01M 3/04	isotopic analysis via laser spectroscopy
(11) EP2350615	(11) EP2363700	(73) Halliburton Energy Services, Inc.
(21) EP09744537.3	(21) EP11153257.8	(72) Jones, Christopher
(47) 01.05.2019	(47) 01.05.2019	Sofer, Zvi
(87) US2009061270	(22) 03.02.2011	Drozd, Richard J.
29.04.2010	(54) Moisture sensor and method for measuring	(51) G01N 23/04
(22) 20.10.2009	humidity	A61B 6/03
(54) METHOD FOR PREDICTING	(73) BAM Bundesanstalt für Materialforschung	(11) EP2940459
HYDROCARBON PROCESS STREAM	und -prüfung	(21) EP13869644.8
STABILITY USING NEAR INFRARED	(72) Lenke, Philipp	(47) 01.05.2019
SPECTRA	Liehr, Sascha	(87) CN2013086286
(73) Nalco Company	Wendt, Mario	03.07.2014
(72) SHARPE, Ron	(31) 102010000308	(22) 31.10.2013
(31) 254519	(32) 04.02.2010	(54) CT DEVICE AND METHOD THEREOF
(32) 20.10.2008	(33) Germany	(73) Nuctech Company Limited
(33) United States of America	(51) G01N 21/67	Tsinghua University
(51) G01N 21/3563	G01N 33/20	(72) KANG, Kejun
G01N 21/3577	G01N 21/73	TANG, Chuanxiang
G01J 3/10	(11) EP3139155	ZHAO, Ziran
G01N 21/359	(21) EP15818600.7	ZHANG, Zhe
G01J 3/02	(47) 01.05.2019	(31) 201210593844
G01J 3/42	(87) JP2015002447	201310032020
G01N 21/95	14.01.2016	(32) 31.12.2012
(11) EP2831566	(22) 14.05.2015	28.01.2013
(21) EP13768596.2	(54) METHOD FOR ANALYZING NITROGEN	(33) China
(47) 01.05.2019	IN METAL SAMPLES, DEVICE FOR	China
(87) US2013033844	ANALYZING NITROGEN IN METAL	(51) G01N 23/04
03.10.2013	SAMPLES, METHOD FOR ADJUSTING	G01N 23/203
(22) 26.03.2013	NITROGEN CONCENTRATION	(11) EP2649435
(54) OPTICAL ANALYZER FOR	IN MOLTEN STEEL, AND STEEL	(21) EP11784843.2
IDENTIFICATION OF MATERIALS	PRODUCTION METHOD	(47) 01.05.2019
USING TRANSMISSION	(73) JFE Steel Corporation	(87) US2011057892
SPECTROSCOPY	(72) KINOSHIRO, Satoshi	14.06.2012
(73) Innovative Science Tools, Inc.	INOSE, Masao	(22) 26.10.2011
(72) MICHEELS, Ronald H.	(31) 2014141039	(54) X-RAY INSPECTION TOOL MOVING ON
LEE, Don J.	2015008583	TRACKS FIXED TO AN AIRCRAFT BY
(31) 201261685908 P	(32) 09.07.2014	USE OF SUCTION CUPS
201313836627	20.01.2015	(73) The Boeing Company
(32) 27.03.2012	(33) Japan	(72) SAFAI, Morteza
15.03.2013	Japan	(31) 965159
(33) United States of America	(51) G01N 21/85	(32) 10.12.2010
United States of America	(11) EP2341329	(33) United States of America
(51) G01N 21/37	(21) EP09818928.5	(51) G01N 23/203

B22F 3/105	JANG, Dong-Pyo	(73) JRB Engineering Pty Ltd
(11) EP2832473	(31) 201361864116 P	(72) BLAIR, Ian Stewart
(21) EP14178255.7	(32) 09.08.2013	KLECHA, Stephanie
(47) 01.05.2019	(33) United States of America	LISSIMAN, Lloyd
(22) 24.07.2014	(51) G01N 27/327	(31) 2010900993
(54) Method of manufacturing a component	G01N 27/28	(32) 10.03.2010
(73) Rolls-Royce plc	G01N 27/30	(33) Australia
(72) Blackmore, Michael	G01N 27/333	(51) G01N 29/02
(31) 201313839	G01N 27/416	G01N 29/024
(32) 02.08.2013	C12Q 1/00	G01N 29/22
(33) United Kingdom	(11) EP2214007	G01N 29/24
(51) G01N 25/72	(21) EP08844630.7	G01N 29/34
G01N 29/26	(47) 01.05.2019	G01N 33/14
(11) EP2864768	(87) JP2008069982	G01N 21/43
(21) EP13734255.6	07.05.2009	(11) EP3312602
(47) 01.05.2019	(22) 31.10.2008	(21) EP17195898.6
(87) US2013046953	(54) ANALYTICAL TOOL	(47) 01.05.2019
27.12.2013	(73) ARKRAY, Inc.	(22) 11.10.2017
(22) 21.06.2013	(72) SATO, Yoshiharu	(54) DEVICE FOR MEASURING THE
(54) GUIDED WAVE THERMOGRAPHY	(31) 2007282782	PHYSICAL PARAMETERS OF A LIQUID
METHODS AND SYSTEMS FOR	(32) 31.10.2007	(73) Maselli Misure S.P.A.
INSPECTING A STRUCTURE	(33) Japan	(72) MASELLI, Andrea
(73) Siemens Energy, Inc.	(51) G01N 27/407	VISENTINI, Giovanni
FBS Inc.	(11) EP3237898	(31) 201600105993
(72) BORIGO, Cody, J.	(21) EP15807655.4	(32) 21.10.2016
(31) 201261662487 P	(47) 01.05.2019	(33) Italy
201313922367	(87) EP2015078959	(51) G01N 29/07
(32) 21.06.2012	30.06.2016	G01L 1/16
20.06.2013	(22) 08.12.2015	G01M 5/00
(33) United States of America	(54) METHOD OF MANUFACTURING A GAS	G01L 1/18
United States of America	SENSOR DEVICE FOR DETERMINING	(11) EP2485026
(51) G01N 27/18	AT LEAST ONE GASEOUS SAMPLE	(21) EP11382026.0
(11) EP3207363	IN A MEASUREMENT MEDIUM, AS	(47) 01.05.2019
(21) EP15784614.8	WELL AS METHOD AND GAS SENSOR	(22) 08.02.2011
(47) 01.05.2019	DEVICE FOR DETERMINING AT	(54) Structural health monitoring system
(87) EP2015074026	LEAST ONE GASEOUS SAMPLE IN A	(73) The Boeing Company
21.04.2016	MEASUREMENT MEDIUM	(72) Kawiecki, Grzegorz Marian
(22) 16.10.2015	(73) Robert Bosch GmbH	Rodriguez, Rosa maria
(54) RATIOMETRIC DEVICE AND ARTICLE	(72) LIEMERSDORF, Dirk	Kudela, Pawel
OF MANUFACTURE COMPRISING	KUNZ, Denis	Ostachowicz, Wieslaw
INSTRUCTIONS FOR RATIOMETRIC	(31) 102014226804	(51) G01N 29/07
MEASUREMENT	(32) 22.12.2014	G01N 29/14
(73) ams International AG	(33) Germany	G01N 29/46
(72) CAI, Zeyu	(51) G01N 27/62	G01N 29/44
PERTIJS, Michiel	(11) EP2755024	G01N 29/04
VAN VELDHOVEN, Robert Hendrikus	(21) EP12830678.4	G01N 29/30
Margaretha	(47) 01.05.2019	G01N 29/12
KOFI, Makinwa Afolabi Anthony	(87) JP2012070924	G01H 1/14
(31) 201414516338	14.03.2013	(11) EP2317308
(32) 16.10.2014	(22) 17.08.2012	(21) EP10014179.5
(33) United States of America	(54) HYDROPHILIC THIOL PROBE	(47) 01.05.2019
(51) G01N 27/26	(73) Shimadzu Corporation	(22) 02.11.2010
A61B 5/1473	(72) SHIMADA, Takashi	(54) METHOD AND DEVICE FOR
G06F 19/00	SATO, Taka-Aki	INSPECTING A COMPONENT FOR
A61B 5/145	TANAKA, Koichi	DAMAGE
(11) EP3030890	(31) 2011196958	(73) Seuthe, Ulrich
(21) EP14834533.3	(32) 09.09.2011	(72) Seuthe, Ulrich
(47) 01.05.2019	(33) Japan	(31) 202009014770 U
(87) US2014050550	(51) G01N 27/83	(32) 02.11.2009
12.02.2015	(11) EP2545368	(33) Germany
(22) 11.08.2014	(21) EP11752751.5	(51) G01N 29/22
(54) USING KINETIC CYCLIC	(47) 01.05.2019	B66F 7/06
VOLTAMMETRY TO EVALUATE	(87) AU2011000270	(11) EP2662689
ANALYTE KINETICS AND	15.09.2011	(21) EP13167345.1
CONCENTRATIONS	(22) 10.03.2011	(47) 01.05.2019
(73) Mayo Foundation for Medical Education and	(54) METHOD AND APPARATUS	(22) 10.05.2013
Research	FOR MAGNETIC CRACK DEPTH	(54) Automated inspection of spar web in hollow
(72) LEE, Kendall H.	PREDICTION	monolithic structure

(73) The Boeing Company	G01N 33/72	C07K 14/725
(72) Garvey, Jeffrey J Kennedy, James C Troy, James J	G01N 21/31 (11) EP2199791 (21) EP08022111.2 (47) 01.05.2019	C07K 16/28 (11) EP3190415 (21) EP15824832.8 (47) 01.05.2019
(31) 201213470125	(22) 19.12.2008	(87) JP2015071157
(32) 11.05.2012	(54) Method for calculating the haemolysis of a blood sample and device	28.01.2016
(33) United States of America	(73) F. Hoffmann-La Roche AG (72) Schlaminger, Michael	(22) 24.07.2015 (54) MEMORY INVARIANT NKT CELL MARKER
(51) G01N 33/00 G01F 1/36 G01F 1/68 G01N 7/00 G01N 11/08	(51) G01N 33/493 G01N 33/48	(73) Riken (72) FUJII, Shin-ichiro SHIMIZU, Kanako OHARA, Osamu WATANABE, Takashi
(11) EP3042193	(11) EP2979090	(31) 2014152394
(21) EP14772274.8	(21) EP14710852.6	(32) 25.07.2014
(47) 01.05.2019	(47) 01.05.2019	(33) Japan
(87) DE2014000425 12.03.2015	(87) EP2014054912 02.10.2014	
(22) 25.08.2014	(22) 13.03.2014	
(54) DEVICE AND METHOD FOR DETERMINING MIXING RATIOS OF FLOWING GAS MIXTURES	(54) INDOXYL SULFATE AS A BIOMARKER OF PREBIOTIC EFFICACY FOR WEIGHT GAIN PREVENTION	(51) G01N 33/53 G01N 21/64 G01N 33/48 G01N 33/536 A61B 5/00 G01N 33/58 G01N 33/68
(73) W.O.M. World of Medicine GmbH	(73) Nestec S.A.	(11) EP3124969
(72) KÖLM, Matthias JÜLG, Peter	(72) MARTIN, François-Pierre COLLINO, Sebastiano MONTOLIU ROURA, Ivan	(21) EP15770205.1 (47) 01.05.2019
(31) 102013014532	(31) 13161512	(87) JP2015058703 01.10.2015
(32) 03.09.2013	(32) 28.03.2013	(22) 23.03.2015
(33) Germany	(33) European Patent Office (EPO)	(54) BIOLOGICAL-MATERIAL QUANTITATION METHOD BASED ON MULTIPLE-ANTIGEN IMMUNOSTAINING
(51) G01N 33/38 E02D 5/34 E02D 33/00 G01N 25/48	(51) G01N 33/50 (11) EP3155422 (21) EP15727685.8 (47) 01.05.2019	(73) Konica Minolta, Inc. (72) GOUDA, Hideki ISODA, Takeshi WATANABE, Yasuhiro GONDA, Kohsuke OHUCHI, Noriaki WATANABE, Mika
(11) EP3123167	(87) EP2015063154 17.12.2015	(31) 2014059883
(21) EP15730529.3	(22) 12.06.2015	(32) 24.03.2014
(47) 01.05.2019	(54) UNMASKING ENDOTOXINS IN SOLUTION	(33) Japan
(87) IB2015000680 01.10.2015	(73) Hyglos Invest GmbH (72) REICH, Johannes GRALLERT, Holger	(51) G01N 33/53 G01N 33/94
(22) 30.03.2015	(31) 14172151 201462011818 P	(11) EP3080604
(54) METHOD AND APPARATUS FOR ANALYZING ANOMALIES IN CONCRETE STRUCTURES	(32) 12.06.2014 13.06.2014	(21) EP14870173.3 (47) 01.05.2019
(73) England, Melvin Gerrard Chessman, Paul Frederick	(33) European Patent Office (EPO) United States of America	(87) US2014069520 18.06.2015
(72) England, Melvin Gerrard Chessman, Paul Frederick	(51) G01N 33/50 (11) EP3270158 (21) EP17187021.5 (47) 01.05.2019	(22) 10.12.2014 (54) PRETREATMENT AGENT IN NON-AGGLUTINATION ASSAYS
(31) 201461971963 P	(22) 30.10.2007	(73) Siemens Healthcare Diagnostics Inc.
(32) 28.03.2014	(54) GENE REPORTER ASSAY, KIT AND CELLS WITH IMPROVED SENSITIVITY AND/OR SPECIFICITY FOR DETERMINING THE LEVEL OF TNF-GAMMA	(72) WEI, Tie Q. SCHAIBLE, Christy
(33) United States of America	(73) Centre National de la Recherche Scientifique (CNRS) SVAR Life Science AB	(31) 201361915755 P (32) 13.12.2013 (33) United States of America
(51) G01N 33/487	(72) LALLEMAND, Christophe TOVEY, Michael	(51) G01N 33/535 A61B 5/00 G01N 33/569 A61K 49/00 G01N 21/77 C12Q 1/04 C12N 15/86
(11) EP2932260	(31) 863479 P	
(21) EP13815274.9	(32) 30.10.2006	
(47) 01.05.2019	(33) United States of America	
(87) US2013073642 26.06.2014	(51) G01N 33/53 C12N 5/0783 C12Q 1/04 C12Q 1/24	
(22) 06.12.2013		
(54) OPERATION AND VERIFICATION OF A PORTABLE CLINICAL ANALYSIS SYSTEM		
(73) Abbott Point Of Care Inc		
(72) VANDERSLEEN, Gary EMERIC, Pierre WASSERMAN, Paul SOMAN, Narendra DAVIS, Graham FETTERS, Christopher		
(31) 201261738087 P		
(32) 17.12.2012		
(33) United States of America		
(51) G01N 33/49		

(11) EP2229592	KONVALINKA, Jan	(33) European Patent Office (EPO)
(21) EP08807592.4	MAJER, Pavel	United States of America
(47) 01.05.2019	(31) 20140527	(51) G01N 33/70
(87) IB2008053655	(32) 05.08.2014	G01N 33/53
18.06.2009	(33) Czech Republic	G01N 33/538
(22) 10.09.2008	(51) G01N 33/68	G01N 33/58
(54) RECOMBINANT BACTERIOPHAGE FOR DETECTION OF NOSOCOMIAL INFECTION	(11) EP3111226	(11) EP2972395
(73) Avent, Inc.	(21) EP15708260.3	(21) EP14779179.2
(72) PLOWMAN, Thomas Edward	(47) 01.05.2019	(47) 01.05.2019
RAINONE, Mike	(87) GB2015050602	(87) US2014023055
BAIRD, Daniel	03.09.2015	09.10.2014
HANTKE, Richard	(22) 02.03.2015	(22) 11.03.2014
PHILLIPS, Erica M.	(54) MONITORING INFLAMMATION STATUS	(54) RAPID TEST FOR URINE ALBUMIN AND URINE CREATININE
PRESLEY, Talbot	(73) Mologic Limited	(73) Epinex Diagnostics, Inc.
(31) 955779	(72) PAREKH, Gita	(72) LIU, Wing T.
(32) 13.12.2007	DAVIS, Paul	TRAN, Thien-Toan
(33) United States of America	(31) 201403605	SCOTT, John
(51) G01N 33/558	(32) 28.02.2014	PRASAD, Srishti
(11) EP2795328	(33) United Kingdom	ZAIDI, Azra
(21) EP12818743.2	(51) G01N 33/68	LEE, Thomas
(47) 01.05.2019	(11) EP3262418	(31) 201313797275
(87) US2012071344	(21) EP16706621.6	(32) 12.03.2013
27.06.2013	(47) 01.05.2019	(33) United States of America
(22) 21.12.2012	(87) EP2016054063	(51) G01N 33/72
(54) INTEGRATED TEST DEVICE FOR OPTICAL AND ELECTROCHEMICAL ASSAYS	01.09.2016	G01N 33/68
(73) Abbott Point of Care Inc.	(22) 26.02.2016	G01N 33/533
(72) EWART, Thomas	(54) DIAGNOSTIC MARKERS OF COGNITIVE IMPAIRMENTS, KITS AND USES THEREOF	G06F 17/10
DAVIS, Graham	(73) Innovative Concepts in Drug Development	C07K 14/47
EMERIC, Pierre	(72) PELLETIER, Nicolas	(11) EP2748615
GERSHTEIN, Sergey	COMPAGNONE, Philippe	(21) EP12827317.4
(31) 201161579832 P	COMPAGNONE, Nathalie	(47) 01.05.2019
(32) 23.12.2011	(31) 15156827	(87) US2012052395
(33) United States of America	(32) 26.02.2015	07.03.2013
(51) G01N 33/569	(33) European Patent Office (EPO)	(22) 24.08.2012
(11) EP3268742	(51) G01N 33/68	(54) DEVELOPMENT AND USE OF FLUORESCENT PROBES OF UNBOUND BILIRUBIN
(21) EP16738349.6	G01N 30/72	(73) Kleinfeld, Alan M.
(47) 01.05.2019	G01N 30/86	(72) HUBER, Andrew, Henry
(87) DE2016000111	G01N 33/50	KAMPF, James, Patrick
03.11.2016	G01N 33/62	KWAN, Thomas
(22) 11.03.2016	G01N 33/74	ZHU, Baolong
(54) METHOD FOR THE IMPROVED DETECTION OF ANTIGEN-SPECIFIC, TISSUE-INFILTRATING IMMUNE CELLS	G01N 33/92	(31) 201161527849 P
(73) Genome Identification Diagnostics GmbH	G01N 30/30	(32) 26.08.2011
(72) SESTER, Martina	G01N 30/88	(33) United States of America
(31) 102015003141	(11) EP3190418	(51) G01N 33/94
(32) 12.03.2015	(21) EP17152793.0	A61K 47/10
(33) Germany	(47) 01.05.2019	(11) EP2906259
(51) G01N 33/58	(22) 27.07.2012	(21) EP13844598.6
C12Q 1/6804	(54) USE OF SM_SPHINGOMYELIN (D18:1, C16:0) AS A MARKER FOR HEART FAILURE	(47) 01.05.2019
(11) EP3177931	(73) Ruprecht-Karls-Universität Heidelberg metanomics GmbH	(87) US2013060427
(21) EP15767081.1	(72) Reszka, Regina	17.04.2014
(47) 01.05.2019	Fuhrmann, Jens	(22) 18.09.2013
(87) CZ2015000084	Kastler, Jürgen	(54) MARKERS FOR PHARMACEUTICALS
11.02.2016	Bethan, Bianca	(73) Keller, Ruprecht
(22) 04.08.2015	Kluttig, Martin	(72) Keller, Ruprecht
(54) METHOD OF DETERMINATION OF THE ABILITY OF SUBSTANCES TO BIND TO ANALYTE ACTIVE SITES	Katus, Hugo	(31) 201261712099 P
(73) Ustav organické chemie a biochemie AV CR, v.v.i.	Frey, Norbert	201361840253 P
(72) NAVRATIL, Vaclav	Sigl geb. Wolf, Johanna	(32) 10.10.2012
SACHA, Pavel	Weis, Tanja	27.06.2013
SCHIMMER, Jiri	(31) 11175879	(33) United States of America
	201161512500 P	United States of America
	(32) 28.07.2011	(51) G01N 35/00
	28.07.2011	C12M 1/16
		(11) EP3055698
		(21) EP14852101.6
		(47) 01.05.2019

(87) US2014059264 16.04.2015	(73) Positive Grid LLC	(47) 01.05.2019
(22) 06.10.2014	(72) WANG, Tien-Ming	(22) 03.05.2011
(54) CARTRIDGE ASSEMBLY TRAY FOR IMMUNOASSAY TESTS	YEH, Yi-Fan	(54) Phase transient response measurements using automatic frequency estimation
(73) Access Medical Systems, Ltd.	SIAO, Yi-Song	(73) Tektronix, Inc.
(72) TAN, Hong	(31) 201514805061	(72) Engholm, Kathryn A.
REN, Yongli	(32) 21.07.2015	Matos, Soraya J.
XIA, Ming	(33) United States of America	Torin, Shigetsune
LI, Genqian	(51) G01R 31/02	(31) 783300
(31) 201361887842 P	(11) EP3137913	(32) 19.05.2010
(32) 07.10.2013	(21) EP15713669.8	(33) United States of America
(33) United States of America	(47) 01.05.2019	(51) G01R 31/319
(51) G01N 35/02	(87) EP2015056081	H05K 13/00
G01N 35/00	05.11.2015	G01R 1/02
(11) EP2439539	(22) 23.03.2015	G01R 31/28
(21) EP10783091.1	(54) SHORT-CIRCUIT SENSOR	H01L 21/67
(47) 01.05.2019	(73) Phoenix Contact GmbH & Co. KG	H05K 13/08
(87) JP2010003258	(72) SCHAPER, Elmar	(11) EP3217183
09.12.2010	SCHOLZ, Peter	(21) EP16159029.4
(22) 14.05.2010	(31) 102014106130	(47) 01.05.2019
(54) AUTOMATIC ANALYSIS DEVICE	(32) 30.04.2014	(22) 07.03.2016
DISABLING REAGENT INFORMATION FROM BEING READ	(33) Germany	(54) A POSITIONING DEVICE AND A SYSTEM FOR DETERMINING A SITE OF A WEAR PART OF A HANDLER
(73) Hitachi High-Technologies Corporation	(51) G01R 31/12	(73) Multitest elektronische Systeme GmbH
(72) YAMANO, Teruhiro	(11) EP2729822	(72) Fritsche, Thomas
TAKAGI, Yoshimitsu	(21) EP12732652.8	Petermann, Manuel
(31) 2009132653	(47) 01.05.2019	Born, Gabriela
(32) 02.06.2009	(87) EP2012063063	(51) G01R 31/34
(33) Japan	10.01.2013	H02H 7/06
(51) G01N 35/04	(22) 04.07.2012	(11) EP2905630
B01L 3/00	(54) DETECTION OF ELECTRICAL ARCS IN PHOTOVOLTAIC EQUIPMENT	(21) EP14198243.9
B65D 39/00	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	(47) 01.05.2019
B67B 1/04	(72) CHAINTREUIL, Nicolas	(22) 16.12.2014
B65D 39/04	CHAUVE, Vincent	(54) Fault detection in brushless exciters
(11) EP3327443	(31) 1156012	(73) Rolls-Royce plc
(21) EP16200627.4	(32) 04.07.2011	(72) Viswanathan, Vaiyapuri
(47) 01.05.2019	(33) France	Gajanayake, Chandana
(22) 25.11.2016	(51) G01R 31/12	Gupta, Amit
(54) SYSTEM AND METHOD FOR AUTOMATICALLY CLOSING SAMPLE CONTAINERS	(11) EP2784525	Nadarajan, Sivakumar
(73) GLP systems GmbH	(21) EP14162283.7	(31) 201400701
(72) HECHT, Robert	(47) 01.05.2019	(32) 16.01.2014
EVGENY, Gerber	(22) 28.03.2014	(33) United Kingdom
(51) G01R 21/06	(54) Electrical circuit testing	(51) G01R 31/36
(11) EP2960664	(73) Hamilton Sundstrand Corporation	(11) EP2551689
(21) EP14173727.0	(72) Said, Waleed M.	(21) EP12178073.8
(47) 01.05.2019	(31) 201313853525	(47) 01.05.2019
(22) 24.06.2014	(32) 29.03.2013	(22) 26.07.2012
(54) System for detecting powers and amounts of energy in conductors	(33) United States of America	(54) Device for calculating impedances of battery cell and battery impedance measuring system
(73) SYCOMP Electronic GmbH	(51) G01R 31/12	(73) Yokogawa Electric Corporation
(72) Hecht, Matthias	G01R 31/00	(72) Okada, Syuhei
Karalis, Evangelos	G01R 31/02	(31) 2011165410
(51) G01R 23/20	(11) EP3258278	(32) 28.07.2011
G01R 31/28	(21) EP17174674.6	(33) Japan
G10H 1/16	(47) 01.05.2019	(51) G01R 31/36
G10H 5/00	(22) 07.06.2017	(11) EP3224634
G10H 1/00	(54) DEVICE FOR DETECTING PARTIAL DISCHARGES ACCOUNTING FOR TEMPERATURE AND HUMIDITY	(21) EP15808755.1
G10H 7/00	(73) LSIS Co., Ltd.	(47) 01.05.2019
(11) EP3121608	(72) LEE, Jinho	(87) FR2015053239
(21) EP16176571.4	(31) 20160073768	02.06.2016
(47) 01.05.2019	(32) 14.06.2016	(22) 26.11.2015
(22) 28.06.2016	(33) Korea (Republic)	(54) AUTOMATIC METHOD OF ESTIMATING THE CHARGE STATE OF A BATTERY CELL
(54) METHOD OF MODELING CHARACTERISTICS OF A NON LINEAR SYSTEM.	(51) G01R 31/28	(73) Renault S.A.S.
	G01R 27/28	(72) HEIRIES, Vincent
	(11) EP2388606	LEIRENS, Sylvain
	(21) EP11164651.9	

- (31) 1461615
(32) 28.11.2014
(33) France
-
- (51) G01R 31/36
B60L 11/18
(11) EP3224636
(21) EP15808758.5
(47) 01.05.2019
(87) FR2015053242
02.06.2016
(22) 26.11.2015
(54) AUTOMATIC METHOD FOR ESTIMATING THE STATE OF CHARGE OF A CELL OF A BATTERY
(73) Renault S.A.S.
(72) HEIRIES, Vincent
LEIRENS, Sylvain
(31) 1461617
(32) 28.11.2014
(33) France
-
- (51) G01R 31/36
G01R 31/00
(11) EP3224635
(21) EP15808756.9
(47) 01.05.2019
(87) FR2015053240
02.06.2016
(22) 26.11.2015
(54) AUTOMATIC METHOD FOR ESTIMATING THE STATE OF CHARGE OF A CELL OF A BATTERY
(73) Renault S.A.S.
(72) HEIRIES, Vincent
LEIRENS, Sylvain
(31) 1461616
(32) 28.11.2014
(33) France
-
- (51) G01R 31/36
H01M 10/48
(11) EP2837944
(21) EP13784242.3
(47) 01.05.2019
(87) KR2013002145
07.11.2013
(22) 15.03.2013
(54) METHOD AND APPARATUS FOR ESTIMATING PARAMETERS OF A SECONDARY BATTERY
(73) LG Chem, Ltd.
(72) JOE, Won-Tae
CHUNG, Geun-Chang
CHA, Sun-Young
(31) 20120045868
(32) 30.04.2012
(33) Korea (Republic)
-
- (51) G01R 31/36
H01M 10/48
B60L 11/18
(11) EP2856188
(21) EP13725355.5
(47) 01.05.2019
(87) EP2013060798
28.11.2013
(22) 24.05.2013
(54) METHOD FOR DETERMINING A POWER STATUS OF AN ELECTROCHEMICAL BATTERY; DEVICE; MEDIUM; AND COMPUTER PROGRAM
- (73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) FERNANDEZ, Eric
DELAPLAGNE, Tony
FRANCHI, Romain
MAMADOU, Kelli
(31) 1254795
(32) 24.05.2012
(33) France
-
- (51) G01R 31/40
H02S 50/10
G01B 21/04
(11) EP2664939
(21) EP12168530.9
(47) 01.05.2019
(22) 18.05.2012
(54) Method for validating measurements of multiple measurement channels which depend on the position of the sun
(73) Skytron Energy GmbH
(72) Hoffmann, Hendrik
-
- (51) G01R 33/09
(11) EP3300518
(21) EP16730126.6
(47) 01.05.2019
(87) US2016034931
15.12.2016
(22) 31.05.2016
(54) MAGNETIC FIELD SENSOR FOR ANGLE DETECTION WITH A PHASE-LOCKED LOOP
(73) Allegro MicroSystems, LLC
(72) DAUBERT, Steven
(31) 201514737739
(32) 12.06.2015
(33) United States of America
-
- (51) G01R 33/3415
G01R 33/561
(11) EP2739984
(21) EP11738973.4
(47) 01.05.2019
(87) EP2011003852
07.02.2013
(22) 01.08.2011
(54) AN RF COIL ASSEMBLY FOR MRI WITH A PLURALITY OF COIL ELEMENTS DISTRIBUTED OVER AT LEAST TWO COIL ROWS
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
(72) KOZLOV, Mikhail
TURNER, Robert
-
- (51) G01R 33/36
(11) EP3198290
(21) EP15774994.6
(47) 01.05.2019
(87) IB2015057122
31.03.2016
(22) 16.09.2015
(54) DIGITAL MRI RECEIVER COIL WITH BUILT-IN RECEIVED PHASE NOISE INDICATOR
(73) Koninklijke Philips N.V.
(72) REYKOWSKI, Arne
(31) 201462055273 P
(32) 25.09.2014
(33) United States of America
- (51) G01R 33/46
G01R 33/44
G01R 33/483
G01R 33/485
G01R 33/565
G01R 33/56
(11) EP2676150
(21) EP12710788.6
(47) 01.05.2019
(87) IB2012050602
23.08.2012
(22) 10.02.2012
(54) MAGNETIC RESONANCE SPECTROSCOPY WITH AUTOMATIC PHASE AND B0 CORRECTION USING INTERLEAVED WATER REFERENCE SCAN
(73) Koninklijke Philips N.V.
(72) YANG, Baolian
(31) 201161442963 P
(32) 15.02.2011
(33) United States of America
-
- (51) G01R 33/567
G01R 33/48
G01R 33/565
(11) EP3084462
(21) EP14820863.0
(47) 01.05.2019
(87) EP2014078935
25.06.2015
(22) 20.12.2014
(54) BREATH-HOLD DETECTION FOR MAGNETIC RESONANCE IMAGING
(73) Koninklijke Philips N.V.
(72) VAN DEN BRINK, Johan Samuel
BECK, Gabriele Marianne
(31) 13198693
(32) 20.12.2013
(33) European Patent Office (EPO)
-
- (51) G01S 1/68
F41G 3/26
(11) EP1577678
(21) EP04075768.4
(47) 01.05.2019
(22) 09.03.2004
(54) A system and method for determining the location of a moving object in a secluded space
(73) SAAB AB
(72) Linderö, Björn
-
- (51) G01S 3/783
G01S 3/781
(11) EP2629112
(21) EP13168326.0
(47) 01.05.2019
(22) 17.12.2008
(54) RADIATION SENSOR FOR DETECTING THE POSITION AND INTENSITY OF A RADIATION SOURCE
(73) TDK Electronics AG
(72) Bohl, Benjamin
(31) 102007060835
(32) 18.12.2007
(33) Germany
-
- (51) G01S 5/02
(11) EP2951609
(21) EP14711705.5
(47) 01.05.2019

(87) EP2014054298 02.10.2014	07.01.2016	WANG, Jinsheng
(22) 06.03.2014	(22) 16.06.2015	(31) 2014231600
(54) METHOD FOR LOCATING THE POSITION OF A MOBILE DEVICE WITHIN A BUILDING AND DEVICES FOR PERFORMING SAID METHOD	(54) TRANSLATION OF ULTRASOUND ARRAY RESPONSIVE TO ANATOMICAL ORIENTATION	(32) 14.11.2014
(73) Siemens Aktiengesellschaft	(73) Koninklijke Philips N.V.	(33) Japan
(72) MACWILLIAMS, Asa SCHINDHELM, Corina Kim	(72) ROUNDHILL, David Nigel HART, Jeffrey Scott	(51) G01S 15/89 G01B 17/06 G01N 29/26 G01N 29/44
(31) 102013205547	(31) 201462018706 P	(11) EP2748631
(32) 28.03.2013	(32) 30.06.2014	(21) EP12836517.8
(33) Germany	(33) United States of America	(47) 01.05.2019
(51) G01S 7/00	(51) G01S 13/82	(87) CA2012000861
G01S 7/40	G01S 13/02	04.04.2013
G01S 13/87	G01S 13/84	(22) 26.09.2012
G01S 13/82	(11) EP3128345	(54) ULTRASOUND MATRIX INSPECTION
G01S 13/34	(21) EP15773622.4	(73) Ontario Power Generation Inc.
G01S 13/93	(47) 01.05.2019	(72) TEN GROTENHUIS, Raymond
G01S 13/00	(87) JP2015058256	HONG, Andrew
G01S 7/35	08.10.2015	CHEN, Zhenxiang
(11) EP3172588	(22) 19.03.2015	MADILL, Matt
(21) EP15845852.1	(54) POSITION-DETECTING SYSTEM	SHOKRALLA, Shaddy
(47) 01.05.2019	(73) Murata Manufacturing Co., Ltd.	WONG, Cheng Chuen Benedict
(87) US2015040248	(72) TAKIZAWA, Koichi	PRESTON, Scott
07.04.2016	YOSHII, Yoshiharu	SAKUTA, Alexander
(22) 14.07.2015	TOKIWA, Yoshiyuki	(31) 201161539208 P
(54) FMCW RADAR WITH PHASE ENCODED DATA CHANNEL	(31) 2014074449	201161546217 P
(73) Honeywell International Inc.	(32) 31.03.2014	(32) 26.09.2011
(72) FRANCESCHINI, Michael MCKITTERICK, John B.	(33) Japan	12.10.2011
(31) 201462027818 P	(51) G01S 13/90	(33) United States of America
201462028768 P	H01Q 19/17	United States of America
201514637102	(11) EP2775317	(51) G01S 17/42
(32) 23.07.2014	(21) EP14156023.5	G01C 3/08
24.07.2014	(47) 01.05.2019	G01S 17/02
03.03.2015	(22) 20.02.2014	G01S 17/66
(33) United States of America	(54) Method for operating a radar system with synthetic aperture in the transmission/ reception mode	G01S 7/481 G01S 7/497 G01S 17/74
United States of America	(73) Deutsches Zentrum für Luft- und Raumfahrt e.V.	(11) EP2976657
United States of America	(72) Lopez-Dekker, Francisco	(21) EP14768770.1
(51) G01S 7/41	Bertl, Sebastian	(47) 01.05.2019
A47B 57/04	Younis, Marwan	(87) NO2014050037
G01S 13/89	Krieger, Gerhard	25.09.2014
G01S 13/93	(31) 102013203657	(22) 18.03.2014
G06K 9/00	(32) 04.03.2013	(54) POSITION REFERENCE SYSTEM AND METHOD FOR POSITIONING AND TRACKING ONE OR MORE OBJECTS
G06T 9/20	(33) Germany	(73) KONGSBERG SEATEX AS
G01S 13/42	(51) G01S 13/93	(72) UELAND, Gard Flemming
(11) EP3318890	G01D 11/24	KLEPSVIK, John O.
(21) EP16196798.9	B60R 11/02	ROSSHAUG, Harald Fossum
(47) 01.05.2019	B60R 1/00	(31) 20130419
(22) 02.11.2016	F16B 5/07	(32) 22.03.2013
(54) METHOD TO PROVIDE A VEHICLE ENVIRONMENT CONTOUR POLYLINE FROM DETECTION DATA	B60R 19/48	(33) Norway
(73) Aptiv Technologies Limited	B60R 11/04	(51) G01S 17/93
(72) BORKOWSKI, Dariusz DLUGOSZ, Rafal	G01D 11/30	G01S 17/36
(51) G01S 7/52	B60R 11/00	G01S 7/491
A61B 8/14	(11) EP3219551	(11) EP2087371
A61B 8/08	(21) EP15859367.3	(21) EP07846920.2
A61B 8/00	(47) 01.05.2019	(47) 01.05.2019
G01S 15/89	(87) JP2015005553	(87) EP2007010395
G10K 11/35	19.05.2016	12.06.2008
(11) EP3160357	(22) 05.11.2015	(22) 30.11.2007
(21) EP15733917.7	(54) VEHICLE-MOUNTED-CAMERA BRACKET	(54) METHOD FOR MEASURING A PHYSICAL VARIABLE AND DEVICE FOR SAID PURPOSE
(47) 01.05.2019	(73) Panasonic Intellectual Property Management Co., Ltd.	(73) Elmos Semiconductor Aktiengesellschaft
(87) IB2015054528	(72) MIZOTA, Shinichi	(72) SCHULER, Thomas
	Ooba, Yukihiro	LELEVE, Joel
	FUKASAWA, Ryo	

(31) 102006057495	(72) König, Tilmar	RAY IMAGE APPARATUS AND AN X-
(32) 06.12.2006	(51) G01T 1/178	RAY DETECTOR.
(33) Germany	(11) EP1328826	(73) Unfors RaySafe AB
(51) G01S 19/05	(21) EP01969974.3	(72) UNFORS, Tomas
(11) EP1932255	(47) 01.05.2019	(31) 201313908327
(21) EP06799121.6	(87) GB2001004266	(32) 03.06.2013
(47) 01.05.2019	25.04.2002	(33) United States of America
(87) KR2006004041	(22) 26.09.2001	(51) G01T 1/29
12.04.2007	(54) DETECTOR FOR AIRBORNE ALPHA	(11) EP2904425
(22) 09.10.2006	PARTICLE RADIATION	(21) EP13774411.6
(54) METHOD OF ACQUIRING INITIAL GPS	(73) Smith, Arthur Ernest	(47) 01.05.2019
SIGNAL IN BROADCASTING SYSTEM	(72) Smith, Arthur Ernest	(87) EP2013070916
AND SYSTEM USING THE METHOD	(31) 0025617	17.04.2014
(73) Samsung Electronics Co., Ltd.	(32) 19.10.2000	(22) 08.10.2013
(72) SON, Hyung-Chul	(33) United Kingdom	(54) METHOD AND DEVICE
KIM, Hak-Ryoul	(51) G01T 1/20	FOR DETECTING IONISING
YOON, Jae-Seung	(11) EP2224265	RADIATION USING A PIXELLATED
PARK, Chan-Woo	(21) EP08852316.2	PHOTODETECTOR
(31) 20050094047	(47) 01.05.2019	(73) Commissariat à l'Énergie Atomique et aux
(32) 06.10.2005	(87) JP2008071128	Énergies Alternatives
(33) Korea (Republic)	28.05.2009	(72) LUX, Silvère
(51) G01S 19/26	(22) 20.11.2008	MONTEMONT, Guillaume
G01S 19/36	(54) RADIATION DETECTOR AND METHOD	(31) 1259541
(11) EP3249429	FOR PRODUCING THE SAME	(32) 08.10.2012
(21) EP16305611.2	(73) Canon Electron Tubes & Devices Co., Ltd.	(33) France
(47) 01.05.2019	(72) HOMMA, Katsuhisa	(51) G01V 1/28
(22) 27.05.2016	CHIYOMA, Hitoshi	(11) EP2553601
(54) ADAPTIVE ANTENNA ASSEMBLY	FUJIEDA, Shinetsu	(21) EP11763192.9
FOR IMPROVING PRECISION OF A	SAKAI, Keiko	(47) 01.05.2019
GNSS RECEIVER IN A PERTURBATED	IKAGAWA, Masakuni	(87) US2011025616
ENVIRONMENT	SUZUKI, Akiko	06.10.2011
(73) Centre National d'Etudes Spatiales	(31) 2007300029	(22) 21.02.2011
(72) CAPET, Nicolas	(32) 20.11.2007	(54) FULL WAVEFIELD INVERSION USING
MARMET, François-Xavier	(33) Japan	TIME VARYING FILTERS
(51) G01S 19/33	(51) G01T 1/202	(73) ExxonMobil Upstream Research Company
G01S 19/35	(11) EP2902807	(72) KREBS, Jerome, R.
(11) EP3210041	(21) EP13842340.5	ANDERSON, John, E.
(21) EP15825633.9	(47) 01.05.2019	(31) 318561 P
(47) 01.05.2019	(87) JP2013074328	(32) 29.03.2010
(87) IB2015058146	03.04.2014	(33) United States of America
28.04.2016	(22) 10.09.2013	(51) G01V 5/00
(22) 22.10.2015	(54) RADIOGRAPH DETECTION DEVICE	(11) EP3032287
(54) HIGH- PRECISION GNSS RECEIVER	(73) FUJIFILM Corporation	(21) EP15199532.1
MODULE FOR MODULAR MOBILE	(72) OKADA, Yoshihiro	(47) 01.05.2019
DEVICE	NAKATSUGAWA, Haruyasu	(22) 11.12.2015
(73) Deimos Engenharia S.a.	(31) 2012213873	(54) VEHICLE MOUNTED MOBILE
Accurision GmbH	2013156699	CONTAINER OR VEHICLE INSPECTION
(72) VECCHIONE, Giovanni	(32) 27.09.2012	SYSTEM
SIMÕES SILVA, João	29.07.2013	(73) Nuctech Company Limited
ROQUE PERES, Tiago	(33) Japan	(72) LI, Jianmin
FREIRE DA SILVA, Pedro	Japan	LI, Yulan
FERNANDEZ, Antonio	(51) G01T 1/24	GU, Jingyu
PALOMO, José Maria	A61B 6/10	LI, Yuanjing
(31) 10799214	H05G 1/26	SONG, Quanwei
(32) 24.10.2014	A61B 6/00	WANG, Weizhen
(33) Portugal	G01T 1/02	WANG, Dongyu
(51) G01S 19/36	H05G 1/30	CHEN, Zhiqiang
H01Q 21/28	H01L 31/02	TANG, Chuanxiang
(11) EP3173820	H01L 31/115	LIU, Yinong
(21) EP15197008.4	A61B 6/06	LI, Junli
(47) 01.05.2019	(11) EP3004931	XUE, Tao
(22) 30.11.2015	(21) EP14808131.8	GONG, Hui
(54) RECEIVER MODULE, POSITION	(47) 01.05.2019	WANG, Xuewu
DETERMINATION DEVICE AND	(87) SE2014050662	(31) 201410764478
VEHICLE EQUIPPED WITH POSITION	11.12.2014	(32) 11.12.2014
DETERMINATION DEVICE	(22) 30.05.2014	(33) China
(73) Toll Collect GmbH	(54) AN ARRANGEMENT FOR MEASURING	(51) G01V 8/20
	AN X-RAY DOSE PARAMETER IN AN X-	(11) EP3279703

(21) EP17189188.0	(54) IMPROVEMENTS IN AND RELATING TO VISORS	(11) EP3193197
(47) 01.05.2019	(73) BAE SYSTEMS plc	(21) EP15839572.3
(22) 07.07.2011	(72) MILLS, Colin, Richard	(47) 01.05.2019
(54) MEDICAL TREATMENT SYSTEM AND METHODS USING A PLURALITY OF FLUID LINES	MARSHALL, Ian	(87) JP2015075622
(73) DEKA Products Limited Partnership	(31) 201314448	17.03.2016
(72) Scarpaci, Jacob W.	13275182	(22) 09.09.2015
Helmores, Simon C.	(32) 13.08.2013	(54) OPTICAL CONNECTOR
Vanwyk, Eric J.	13.08.2013	(73) SEI Optifrontier Co., Ltd.
Finch, Matthew J.	(33) United Kingdom	(72) KAMADA Tsutomu
(31) 362259 P	European Patent Office (EPO)	OHTSUKA Kenichiro
(32) 07.07.2010	(51) G02B 5/30	SUZUKI Yuji
(33) United States of America	B41M 3/14	KIMURA Motoyoshi
(51) G02B 3/00	B42D 25/29	OKI Yoshinobu
A61B 1/00	B42D 25/24	(31) 2014186814
G02B 23/24	(11) EP2682791	2014225363
G02B 23/02	(21) EP12752008.8	(32) 12.09.2014
(11) EP3333599	(47) 01.05.2019	05.11.2014
(21) EP17001867.5	(87) JP2012054785	(33) Japan
(47) 01.05.2019	07.09.2012	Japan
(22) 15.11.2017	(22) 27.02.2012	(51) G02B 6/42
(54) ENDOSCOPE OBJECTIVE	(54) FORGERY-PROOF MEDIUM AND VERIFICATION METHOD	G01C 19/72
(73) Karl Storz SE & Co. KG	(73) Toppan Printing Co., Ltd.	G02B 6/24
(72) Hegenbarth, Robin	(72) OCHIALI, Hideki	G02B 6/293
Vogel, Walter	NAGAYOSHI, Mihoko	G02B 6/36
(31) 102016122429	AONO, Kota	H01S 3/00
(32) 22.11.2016	KOTEGAWA, Yuki	H01S 3/067
(33) Germany	(31) 2011041609	(11) EP2530504
(51) G02B 5/20	(32) 28.02.2011	(21) EP12168145.6
C03C 27/12	(33) Japan	(47) 01.05.2019
G02B 5/08	(51) G02B 6/00	(22) 15.05.2012
G02B 5/124	F21V 8/00	(54) High performance hollow-core optical-fiber filter for optical rotation sensing
G02B 5/23	G02F 1/1335	(73) Honeywell International Inc.
G02B 5/26	(11) EP2759856	(72) Sanders, Glen A.
G02B 27/14	(21) EP14000195.9	Strandjord, Lee K.
B32B 3/30	(47) 01.05.2019	Qiu, Tiequn
(11) EP2357497	(22) 20.01.2014	Feth, John
(21) EP09831746.4	(54) Planar lighting device	Kaliszek, Andrew W.
(47) 01.05.2019	(73) LG Electronics, Inc.	(31) 201113150976
(87) JP2009063841	(72) Kim, Yongjin	(32) 01.06.2011
17.06.2010	Hong, Munheon	(33) United States of America
(22) 29.07.2009	Park, Chilkeun	(51) G02B 6/44
(54) OPTICAL BODY AND WINDOW MATERIAL PROVIDED WITH THE OPTICAL BODY	Kim, Sangcheon	(11) EP2883100
(73) Dexerials Corporation	Kim, Mangeun	(21) EP13765517.1
(72) NAGAHAMA, Tsutomu	(31) 20130007294	(47) 01.05.2019
YOSHIDA, Hironori	(32) 23.01.2013	(87) IB2013056339
SENOUE, Masaharu	(33) Korea (Republic)	13.02.2014
ENOMOTO, Masashi	(51) G02B 6/28	(22) 02.08.2013
ITOU, Hiroyuki	G02B 6/293	(54) FIBER OPTIC SPLICING ASSEMBLY
(31) 2008313594	H01S 3/067	(73) ADC Telecommunications (Shanghai) Distribution Co., Ltd.
2009119341	(11) EP2656129	ADC Communications (Australia) Pty. Limited
(32) 09.12.2008	(21) EP11813849.4	(72) XIAO, Teller
15.05.2009	(47) 01.05.2019	YANG, Yanhong
(33) Japan	(87) US2011066481	WANG, Liming
Japan	28.06.2012	HUBBARD, Paul
(51) G02B 5/22	(22) 21.12.2011	(31) 201210280488
A42B 3/04	(54) OPTICAL COUPLERS AND METHODS FOR MAKING SAME	(32) 07.08.2012
A42B 3/22	(73) Nufern	(33) China
(11) EP3032978	(72) MAJID, Imtiaz	(51) G02B 6/44
(21) EP14750627.3	WANG, Chih-Hao	(11) EP3168665
(47) 01.05.2019	TANKALA, Kanishka	(21) EP16791295.5
(87) GB2014052446	(31) 201061426553 P	(47) 01.05.2019
19.02.2015	(32) 23.12.2010	(87) JP2016057327
(22) 11.08.2014	(33) United States of America	24.11.2016
	(51) G02B 6/36	(22) 09.03.2016
	G02B 6/38	

(54) OPTICAL FIBER UNIT MANUFACTURING METHOD AND MANUFACTURING DEVICE	G02B 17/02 G02B 26/08 (11) EP3158383 (21) EP15703820.9 (47) 01.05.2019 (87) GB2015050316 12.11.2015 (22) 05.02.2015 (54) OPTICAL DEVICE (73) BAE Systems PLC (72) GRIFFITH, Michael Stewart COCKSEEDGE, David Andrew LAYCOCK, Leslie Charles	(72) Moidu, Abdul, Jaleel, K. (31) 406716 P (32) 26.10.2010 (33) United States of America
(73) Fujikura Ltd. (72) KAJI, Tomoaki MIKAMI, Masataka ISHIOKA, Masayuki OSATO, Ken YAMANAKA, Masayoshi OKADA, Naoki (31) 2015103426 (32) 21.05.2015 (33) Japan	(21) EP15703820.9 (47) 01.05.2019 (87) GB2015050316 12.11.2015 (22) 05.02.2015 (54) OPTICAL DEVICE (73) BAE Systems PLC (72) GRIFFITH, Michael Stewart COCKSEEDGE, David Andrew LAYCOCK, Leslie Charles	(32) 26.10.2010 (33) United States of America
(51) G02B 6/44 (11) EP3156833 (21) EP16002191.1 (47) 01.05.2019 (22) 12.10.2016 (54) STRAIN-RELIEF HANGER (73) Langmatz GmbH (72) Bruweleit, Stefan (31) 102015013464 (32) 17.10.2015 (33) Germany	(31) 201408027 14275110 (32) 07.05.2014 07.05.2014 (33) United Kingdom European Patent Office (EPO)	(51) G02B 27/01 A61M 1/16 A61M 1/36 A61M 1/34 G16H 40/63 G06F 19/00 (11) EP2973094 (21) EP14713341.7 (47) 01.05.2019 (87) US2014021531 02.10.2014 (22) 07.03.2014 (54) WEARABLE INTERFACE FOR REMOTE MONITORING AND CONTROL OF A MEDICAL DEVICE
(51) G02B 7/08 G02B 7/14 G02B 15/04 (11) EP2798390 (21) EP12775868.8 (47) 01.05.2019 (87) US2012054211 04.07.2013 (22) 07.09.2012 (54) OPTICAL SWITCHING SYSTEM (73) Raytheon Company (72) MILLER, Kirk A. (31) 201113340952 (32) 30.12.2011 (33) United States of America	(31) 201408027 14275110 (32) 07.05.2014 07.05.2014 (33) United Kingdom European Patent Office (EPO)	(51) G02B 27/01 B60R 11/02 (11) EP3201680 (21) EP15788141.8 (47) 01.05.2019 (87) FR2015052658 07.04.2016 (22) 02.10.2015 (54) HEAD-UP DISPLAY HAVING FINE ADJUSTMENT WITHOUT PLAY
(51) G02B 7/28 H04N 5/232 (11) EP3422068 (21) EP17177830.1 (47) 01.05.2019 (22) 26.06.2017 (54) A METHOD OF FOCUSING A CAMERA (73) Axis AB (72) ARDÖ, Björn HULTQVIST, Sebastian	(21) EP15781105.0 (47) 01.05.2019 (87) EP2015073883 21.04.2016 (22) 15.10.2015 (54) METHOD FOR DETERMINING THE CHARACTERISTICS OF A SYSTEM FOR GENERATING A SPATIAL LIGHT MODULATION IN PHASE AND AMPLITUDE AT HIGH REFRESH RATE (73) Institut National De La Sante Et De La Recherche Medicale Centre National de la Recherche Scientifique Ecole Normale Supérieure (72) LEGER, Jean-François BOURDIEU, Laurent DIEUDONNE, Stéphane	(33) United States of America (33) United States of America
(51) G02B 13/00 G02B 27/02 G03B 3/00 G03B 17/04 (11) EP3092528 (21) EP15735063.8 (47) 01.05.2019 (87) US2015010875 16.07.2015 (22) 09.01.2015 (54) HANDHELD MAGNIFIER CAMERA WITH VARIABLE FOCUS DISTANCE (73) Freedom Scientific, Inc. (72) LEON, Robert (31) 201461925949 P (32) 10.01.2014 (33) United States of America	(72) Institut National De La Sante Et De La Recherche Medicale Centre National de la Recherche Scientifique Ecole Normale Supérieure (72) LEGER, Jean-François BOURDIEU, Laurent DIEUDONNE, Stéphane	(51) G02B 27/01 G06F 3/14 A61F 9/00 H04N 5/343 H04N 5/335 (11) EP2502410 (21) EP10830981.6 (47) 01.05.2019 (87) CA2010001540 26.05.2011 (22) 27.09.2010 (54) A method for augmenting sight (73) eSight Corporation (72) MUNGER, Rejean J.Y.B. HILKES, Robert G. PERRON, Marc SOHI, Nirmal (31) 262766 P (32) 19.11.2009 (33) United States of America
(51) G02B 15/00	(72) LEON, Robert (31) 201461925949 P (32) 10.01.2014 (33) United States of America	(51) G02B 27/22 G02F 1/13 G03B 35/18 (11) EP2388636 (21) EP09838232.8 (47) 01.05.2019 (87) JP2009006357 22.07.2010 (22) 25.11.2009
	(51) G02B 26/08 (11) EP2447755 (21) EP11008593.3 (47) 01.05.2019 (22) 26.10.2011 (54) A pivotable MEMS device (73) Lumentum Operations LLC	

- (54) IMAGE DISPLAY APPARATUS
(73) EIZO Corporation
(72) ITO, Hiroshi
(31) 2009007443
(32) 16.01.2009
(33) Japan

(51) G02C 7/02
(11) EP2593830
(21) EP10763289.5
(47) 01.05.2019
(87) US2010050988
19.01.2012
(22) 30.09.2010
(54) Design with wavefront of a progressive lens
(73) Carl Zeiss Vision, Inc.
Carl Zeiss Vision International GmbH
(72) SPRATT, Ray Steven
MEISTER, Darryl
KRATZER, Timo
(31) 365033 P
(32) 16.07.2010
(33) United States of America

(51) G02C 7/04
G02C 7/08
G02B 27/00
A61B 3/113
(11) EP3155478
(21) EP15807295.9
(47) 01.05.2019
(87) US2015035661
17.12.2015
(22) 12.06.2015
(54) APPARATUS, SYSTEM AND METHOD
FOR GAZE TRACKING BASED ON
PHOTODETECTION BY AN EYE-
MOUNTABLE DEVICE
(73) Verily Life Sciences LLC
(72) WISER, Robert Francis
HAN, Jennifer
OTIS, Brian
PLETCHER, Nathan
(31) 201462012005 P
201514737363
(32) 13.06.2014
11.06.2015
(33) United States of America
United States of America

(51) G02C 7/08
G02B 27/00
G02B 27/01
(11) EP3371643
(21) EP16779060.9
(47) 01.05.2019
(87) EP2016073920
13.04.2017
(22) 06.10.2016
(54) SPECTACLES COMPRISING A
SPECTACLES LENS WITH A
MOVEABLE LENS SEGMENT
(73) Carl Zeiss Vision International GmbH
(72) GROMOTKA, Jeremias
KRATZER, Timo
KELCH, Gerhard
(31) 102015219482
(32) 08.10.2015
(33) Germany

(51) G02F 1/1335
(11) EP3021160
(21) EP15003205.0
(47) 01.05.2019
(22) 09.11.2015
(54) DISPLAY DEVICE
(73) LG Electronics Inc.
(72) LEE, Kyungjoon
LEE, Uihyung
JOUNG, Juyoung
KEE, Wondo
KIM, Minho
HWANG, Woongjoon
JEONG, Jaeyoon
KANG, Bohee
HAN, Manhyuck
MYEOUNG, Jiu
(31) 20140159166
20140159155
(32) 14.11.2014
14.11.2014
(33) Korea (Republic)
Korea (Republic)

(51) G02F 1/1335
(11) EP3073318
(21) EP16159730.7
(47) 01.05.2019
(22) 10.03.2016
(54) DISPLAY DEVICE
(73) Samsung Electronics Co., Ltd.
(72) JEON, Jong Pil
CHOI, Suk-Ju
KIM, Jong-Hoi
KWON, Yong-Hun
CHO, Kun Ho
(31) 20150040654
(32) 24.03.2015
(33) Korea (Republic)

(51) G02F 1/13357
F21S 2/00
G02F 1/1333
G09F 9/00
(11) EP2960712
(21) EP13875891.7
(47) 01.05.2019
(87) JP2013073089
28.08.2014
(22) 29.08.2013
(54) LIGHT SENSOR ATTACHMENT
STRUCTURE OF IMAGE DISPLAY
DEVICE
(73) EIZO Corporation
(72) KUBOTA, Masaru
KOJIMA, Kentaro
MATSUNAMI, Katsuhiko
ISOBE, Naoshi
IKEDA, Shosaku
MURATA, Kazuya
(31) 2013034517
(32) 25.02.2013
(33) Japan

(51) G02F 1/13357
G02B 6/00
F21V 8/00
(11) EP2160644
(21) EP08755868.0
(47) 01.05.2019
(87) US2008064115
27.11.2008
(22) 19.05.2008
(54) SEMI-SPECULAR COMPONENTS IN
HOLLOW CAVITY LIGHT RECYCLING
BACKLIGHTS
(73) 3M Innovative Properties Company
(72) WEBER, Michael, F.
NEVITT, Timothy, J.
WHEATLEY, John, A.
BIERNATH, Rolf, W.
FREIER, David, G.
BENOIT, Gilles, J.
HOYLE, Charles, D.
OUDERKIRK, Andrew, J.
YANG, Zhaohui
(31) 939085 P
(32) 20.05.2007
(33) United States of America

(51) G02F 1/13357
G02F 1/1333
(11) EP2765451
(21) EP14154050.0
(47) 01.05.2019
(22) 05.02.2014
(54) Backlit display apparatus having a diffusing
plate fixed by a fixing member
(73) Samsung Electronics Co., Ltd
(72) HYUNG, Sin Wook
BAEK, Chang Hwa
LEE, Dae Hee
JANG, Kyoung Choul
CHOI, Hyeong Sik
(31) 201361762410 P
20130041371
(32) 08.02.2013
16.04.2013
(33) United States of America
Korea (Republic)

(51) G02F 1/13357
G02F 1/1335
G02B 3/00
G02B 5/04
(11) EP2619612
(21) EP11826960.4
(47) 01.05.2019
(87) KR2011001503
29.03.2012
(22) 04.03.2011
(54) OPTICAL SHEET, OPTICAL UNIT AND
LIGHTING DEVICE USING THE SAME
(73) LG Innotek Co., Ltd.
(72) CHO, Su Hyeon
LEE, Dong Hyun
(31) 20100126494
20100092299
(32) 10.12.2010
20.09.2010
(33) Korea (Republic)
Korea (Republic)

(51) G02F 1/1337
C08G 83/00
C09K 19/56
C09K 19/04
(11) EP2853581
(21) EP14185684.9
(47) 01.05.2019
(22) 22.09.2014
(54) Horizontal orientation type liquid crystal
display device and method of fabricating the
same

(73) LG Display Co., Ltd. Yamagata University	(54) DISPLAY DEVICE INCLUDING LENS PANEL	CURIEL, Clara (31) 404864
(72) Yuichi, Momoi Kwak, Mu-Sun	(73) Samsung Display Co., Ltd.	(32) 16.03.2009
Tomonori, Koda	(72) Huh, Su Jung	(33) United States of America
Koichiro, Yonetake	Ahn, Yi Joon	(51) G03B 19/18
Osamu, Haba	Kwon, Jae Joong	G03B 9/08
(31) 2013197897	Song, Keun Kyu	G02F 1/13
(32) 25.09.2013	(31) 20160122435	(11) EP2628046
(33) Japan	(32) 23.09.2016	(21) EP11785502.3
(51) G02F 1/1343	(33) Korea (Republic)	(47) 01.05.2019
(11) EP2574979	(51) G02F 1/35	(87) US2011035495
(21) EP12186013.4	G02F 1/377	08.12.2011
(47) 01.05.2019	G02F 1/39	(22) 06.05.2011
(22) 26.09.2012	(11) EP2245508	(54) APPARATUS AND METHOD FOR REDUCING OR PREVENTING TEMPORAL ALIASING IN MOTION PICTURE CAMERAS
(54) Fringe field switching liquid crystal display apparatus	(21) EP09703684.2	(73) RED.COM, LLC
(73) HannStar Display Corp.	(47) 01.05.2019	(72) Davis, Anthony Wayne
(72) Kuo, Feng-Wei	(87) GB2009000108	Kouns, John R.
Jen, Ko-Ruay	30.07.2009	(31) 381341 P
Chao, Guang-Shiung	(22) 16.01.2009	(32) 09.09.2010
Yu, Chia-Hua	(54) COMPENSATION FOR THE GOUY PHASE SHIFT IN QUASI-PHASE MATCHING	(33) United States of America
Wang, I-Fang	(73) University Of Southampton	(51) G03F 7/00
(31) 201113248983	(72) GAWITH, Corin, Barry, Edmund	G03F 7/029
(32) 29.09.2011	SMITH, Peter, George, Robin	G03F 7/20
(33) United States of America	MAJOR, Huw, Edward	(11) EP3295246
(51) G02F 1/1343	(31) 0801322	(21) EP16723468.1
G02F 1/1335	(32) 24.01.2008	(47) 01.05.2019
(11) EP3093703	(33) United Kingdom	(87) GB2016051361
(21) EP14877758.4	(51) G03B 15/07	17.11.2016
(47) 01.05.2019	G03B 13/36	(22) 12.05.2016
(87) JP2014082157	H04N 5/232	(54) METHOD FOR MAKING AN OBJECT
16.07.2015	(11) EP2780763	(73) Photocentric Limited
(22) 04.12.2014	(21) EP12795537.5	(72) HOLT, Paul
(54) LIQUID CRYSTAL DISPLAY	(47) 01.05.2019	(31) 201508178
(73) Ortus Technology Co., Ltd.	(87) FR2012052616	201513771
(72) ARAI, Norihiro	23.05.2013	(32) 13.05.2015
KOBAYASHI, Kunpei	(22) 13.11.2012	04.08.2015
MIZUSAKO, Ryota	(54) METHOD AND SYSTEM FOR CAPTURING IMAGE SEQUENCES WITH COMPENSATION FOR VARIATIONS IN MAGNIFICATION	(33) United Kingdom United Kingdom
(31) 2014003710	(73) Lens Correction Technologies	(51) G03F 7/004
(32) 10.01.2014	(72) CAO, Frédéric	G03F 7/039
(33) Japan	GUICHARD, Frédéric	H01L 21/027
(51) G02F 1/155	(31) 1160333	G03F 7/075
B32B 17/10	(32) 14.11.2011	G03F 7/11
(11) EP2660652	(33) France	G03F 7/20
(21) EP11852906.4	(51) G03B 15/14	(11) EP2470958
(47) 01.05.2019	G03B 17/56	(21) EP10812107.0
(87) JP2011007018	G03B 15/00	(47) 01.05.2019
05.07.2012	A61B 5/00	(87) JP2010065088
(22) 15.12.2011	(11) EP2408360	03.03.2011
(54) MONOCHROMATIC DISPLAY DEVICE WITH A POROUS ELECTRODE SHEET	(21) EP10753795.3	(22) 27.08.2010
(73) Nitto Denko Corporation	(47) 01.05.2019	(54) ACTINIC-RAY- OR RADIATION- SENSITIVE RESIN COMPOSITION AND METHOD OF FORMING PATTERN USING THE COMPOSITION
(72) MORIYAMA, Junichi	(87) US2010000583	(73) FUJIFILM Corporation
NAGAI, Yozo	23.09.2010	(72) KATAOKA, Shohei
FURUYAMA, Satoru	(22) 26.02.2010	SHIBUYA, Akinori
YAMAMOTO, Hajime	(54) IMAGING STATION AND METHOD FOR REPEATABLE ALIGNMENT OF IMAGES	YAMAGUCHI, Shuhei
(31) 2010292285	(73) Raytheon Company	TOMEBA, Hisamitsu
(32) 28.12.2010	Arizona Board of Regents on behalf of The University of Arizona	(31) 2009198729
(33) Japan	(72) DEPAULA, Lawrence, C	2009232799
(51) G02F 1/29	SEYBOLD, Karleen, G.	(32) 28.08.2009
H04N 13/307	MERTZ, Frederick, C.	06.10.2009
G02B 27/22	PINA, Robert, K.	(33) Japan
(11) EP3299883	CHOU, Ivans, S.	Japan
(21) EP17181001.3		
(47) 01.05.2019		
(22) 12.07.2017		

(51) G03F 7/038 C08F 212/14 C08F 220/10 G03F 7/004 G03F 7/039 H01L 21/027	(31) 201414458659 (32) 13.08.2014 (33) United States of America	Kato, Yasuhiro Hayashi, Masayoshi Sueyasu, Masato Toyama, Reiko
(11) EP2756353 (21) EP12831380.6 (47) 01.05.2019 (87) JP2012073765 21.03.2013	(51) G03F 7/20 G03F 7/09 G03F 7/34	(31) 2012100080 2012139682
(22) 11.09.2012 (54) PATTERN-FORMING METHOD, ELECTRON BEAM-SENSITIVE OR EXTREME ULTRAVIOLET RADIATION- SENSITIVE RESIN COMPOSITION, RESIST FILM, MANUFACTURING METHOD OF ELECTRONIC DEVICE USING THEM AND ELECTRONIC DEVICE	(11) EP2742386 (21) EP12821508.4 (47) 01.05.2019 (87) US2012047127 14.02.2013	(32) 25.04.2012 21.06.2012
(73) FUJIFILM Corporation (72) TAKIZAWA, Hiroo TSUBAKI, Hideaki HIRANO, Shuji	(22) 18.07.2012 (54) LAMINATED FLEXOGRAPHIC PRINTING SLEEVES AND METHODS OF MAKING THE SAME (73) Macdermid Graphics Solutions, LLC (72) VEST, Ryan, W. RECCHIA, David, A. GOTSISK, Timothy	(33) Japan Japan
(31) 2011202044 201161535024 P (32) 15.09.2011 15.09.2011 (33) Japan United States of America	(31) 201113205107 (32) 08.08.2011 (33) United States of America	(51) G03G 15/00 (11) EP2960719 (21) EP15172548.8 (47) 01.05.2019 (22) 17.06.2015 (54) LABEL PRINTER (73) GRAPHTEC CORP. (72) SASAKI, Shinichi OHTSUKA, Hiroshi SHOJI, Susumu
(51) G03F 7/039 C08F 20/12 G03F 7/004 G03F 7/38 H01L 21/027 G03F 7/075 G03F 7/20	(51) G03F 7/20 H01L 21/027 H01L 21/68 H02K 41/03 H02K 7/08	(31) 2014127569 (32) 20.06.2014 (33) Japan
(11) EP2329320 (21) EP09816304.1 (47) 01.05.2019 (87) JP2009067192 01.04.2010	(11) EP2905804 (21) EP13843307.3 (47) 01.05.2019 (87) JP2013076819 10.04.2014	(11) EP2874006 (21) EP14003832.4 (47) 01.05.2019 (22) 13.11.2014 (54) Image forming apparatus (73) Kyocera Document Solutions Inc. (72) Okura, Yoshimasa (31) 2013234998 (32) 13.11.2013 (33) Japan
(22) 25.09.2009 (54) POSITIVE RESIST COMPOSITION FOR IMMERSION EXPOSURE AND PATTERN FORMING METHOD	(22) 02.10.2013 (54) MOBILE BODY DEVICE, EXPOSURE DEVICE, AND DEVICE MANUFACTURING METHOD (73) Nikon Corporation (72) SHIBAZAKI, Yuichi	(51) G03G 15/00 G03G 15/01 (11) EP2405305 (21) EP11180559.4 (47) 01.05.2019 (22) 24.09.2008 (54) Image forming apparatus (73) Oki Data Corporation (72) Sugiyama, Yasuhisa (31) 2007256569 (32) 28.09.2007 (33) Japan
(73) FUJIFILM Corporation (72) YAMAMOTO, Kei SAEGUSA, Hiroshi	(31) 2012219946 (32) 02.10.2012 (33) Japan	(51) G03G 15/00 G03G 21/16 (11) EP3299904 (21) EP17189345.6 (47) 01.05.2019 (22) 05.09.2017 (54) IMAGE FORMING APPARATUS (73) KABUSHIKI KAISHA TOSHIBA Toshiba TEC Kabushiki Kaisha (72) YAMAGUCHI, Masao (31) 2016184212 (32) 21.09.2016 (33) Japan
(31) 2008249216 (32) 26.09.2008 (33) Japan	(51) G03F 7/09 G03F 7/20 G03F 7/075	(51) G03G 15/00 (11) EP2657776 (21) EP13161645.0 (47) 01.05.2019 (22) 28.03.2013 (54) Image forming apparatus (73) Brother Kogyo Kabushiki Kaisha (72) Matsushima, Ryoichi Kondo, Hirofumi
(11) EP3180656 (21) EP15832026.7 (47) 01.05.2019 (87) US2015040537 18.02.2016	(22) 13.06.2016 (54) DISPLACEMENT DEVICE (73) GUANGDONG JIXUN PRECISION EQUIPMENT CO., LTD. (72) DING, Chenyang (31) 2015092 (32) 06.07.2015 (33) Netherlands	(54) Image forming apparatus (73) Oki Data Corporation (72) Sugiyama, Yasuhisa (31) 2007256569 (32) 28.09.2007 (33) Japan
(22) 15.07.2015 (54) CLEAN FLEXOGRAPHIC PRINTING PLATES AND METHOD OF MAKING THE SAME	(51) G03F 7/20 H02K 41/03 H02K 41/035 H02K 1/27 H02K 7/09	(51) G03G 15/00 (11) EP2320277 (21) EP10189215.6 (47) 01.05.2019 (22) 28.10.2010 (54) Belt driving device and image forming apparatus using the same
(73) MacDermid Graphics Solutions, LLC (72) BALDWIN, Kyle, P. BARBOZA, Miguel, A. O'BRATE, Kerry	(22) 15.07.2015 (54) CLEAN FLEXOGRAPHIC PRINTING PLATES AND METHOD OF MAKING THE SAME (73) MacDermid Graphics Solutions, LLC (72) BALDWIN, Kyle, P. BARBOZA, Miguel, A. O'BRATE, Kerry	

- (73) Ricoh Company Ltd.
(72) Hirose, Yuichi
Takagi, Hiroaki
Kamiya, Takuro
Takigawa, Junya
(31) 2009255148
(32) 06.11.2009
(33) Japan
-
- (51) G03G 15/01
G03G 15/00
(11) EP3309620
(21) EP17160283.2
(47) 01.05.2019
(22) 10.03.2017
(54) IMAGE FORMING APPARATUS AND METHOD FOR COLOR REGISTRATION CORRECTION
(73) HP Printing Korea Co., Ltd.
(72) KIM, Youn-jae
LEE, Ki-young
(31) 20160134293
(32) 17.10.2016
(33) Korea (Republic)
-
- (51) G03G 15/02
(11) EP2605073
(21) EP12195796.3
(47) 01.05.2019
(22) 06.12.2012
(54) Method for detecting surface potential of image bearing member and image forming apparatus
(73) Canon Kabushiki Kaisha
(72) Sakata, Shiro
(31) 2011272760
(32) 13.12.2011
(33) Japan
-
- (51) G03G 15/09
G03G 9/10
G03G 9/113
G03G 15/06
G03G 15/08
(11) EP3195063
(21) EP15842282.4
(47) 01.05.2019
(87) JP2015004422
24.03.2016
(22) 31.08.2015
(54) DEVELOPING DEVICE AND IMAGE FORMING APPARATUS
(73) Ricoh Company, Ltd.
(72) IWATSUKI, Hitoshi
SAKATA, Koichi
TOHMATSU, Hiroshi
TANO, Toyooki
MASHIKO, Kenichi
TAKII, Mariko
KISHIDA, Hiroyuki
MURASAWA, Yoshihiro
KONDOH, Keinosuke
KOIKE, Toshio
TAKAHASHI, Yutaka
(31) 2014188794
(32) 17.09.2014
(33) Japan
-
- (51) G03G 15/10
G03G 21/00
(11) EP2666060
(21) EP11700934.0
- (47) 01.05.2019
(87) EP2011050815
26.07.2012
(22) 21.01.2011
(54) LIQUID ELECTROPHOTOGRAPHY PRINTING APPARATUS AND METHODS THEREOF
(73) HP Indigo B.V.
(72) BACHAR, Eyal
SHKURI, Kobi
SILCOFF, Eliad
SOREK, Yoram
COHEN, Yossi
KLEIN, Nava
SCHLUMM, Doron
-
- (51) G03G 15/16
(11) EP2326993
(21) EP08822396.1
(47) 01.05.2019
(87) US2008076389
18.03.2010
(22) 15.09.2008
(54) METHOD AND SYSTEM FOR MAINTAINING SUBSTANTIALLY UNIFORM PRESSURE BETWEEN ROLLERS OF A PRINTER
(73) Hewlett-Packard Development Company, L.P.
(72) CHAUVIN, Martin
TAIG, Elad
ASSENHEIMER, Michel
ABBO, Haggai
TZORI, Gilad
-
- (51) G03G 15/20
(11) EP2442185
(21) EP11184600.2
(47) 01.05.2019
(22) 11.10.2011
(54) Fixing device, fixing device control method, and image forming apparatus
(73) Ricoh Company, Ltd.
(72) Ishigaya, Yasunori
Yamashina, Ryota
Samei, Masahiro
Waida, Takumi
(31) 2010230416
2010230421
2011087117
2011087118
(32) 13.10.2010
13.10.2010
11.04.2011
11.04.2011
(33) Japan
Japan
Japan
Japan
-
- (51) G03G 15/20
(11) EP2610686
(21) EP12193744.5
(47) 01.05.2019
(22) 22.11.2012
(54) Fixing device with endless belt and image forming apparatus incorporating same
(73) Ricoh Company, Ltd.
(72) Gotoh, Hajime
Satoh, Masahiko
Yoshikawa, Masaaki
- Ishii, Kenji
Ogawa, Tadashi
Imada, Takahiro
Takagi, Hiromasa
Saito, Kazuya
Iwaya, Naoki
Shimokawa, Toshihiko
Yamaji, Kensuke
Kawata, Teppei
Hase, Takamasa
Yuasa, Shuutaroh
Seshita, Takuya
Uchitani, Takeshi
Yoshiura, Arinobu
Suzuki, Akira
Yoshinaga, Hiroshi
-
- (31) 2011289278
(32) 28.12.2011
(33) Japan
-
- (51) G03G 21/16
(11) EP2595003
(21) EP12193136.4
(47) 01.05.2019
(22) 19.11.2012
(54) Image forming apparatus
(73) Kyocera Document Solutions Inc.
(72) Matsuno, Akinori
(31) 2011253793
(32) 21.11.2011
(33) Japan
-
- (51) G04B 3/04
G04B 37/10
(11) EP3287855
(21) EP16185951.7
(47) 01.05.2019
(22) 26.08.2016
(54) ADJUSTMENT CROWN FOR A TIMEPIECE
(73) Meco S.A.
(72) Baebler, Jean
Olvaszto, Christian
Waeckerlin, Simon
-
- (51) G04B 5/06
G04B 17/06
(11) EP2503404
(21) EP11002390.0
(47) 01.05.2019
(22) 23.03.2011
(54) Method for manufacturing a mechanical component, in particular an horological component
(73) Patek Philippe SA Genève
(72) Hide, James
Maier, Frédéric
-
- (51) G04B 13/00
G04C 17/00
(11) EP3070536
(21) EP15159776.2
(47) 01.05.2019
(22) 19.03.2015
(54) TIMEPIECE MOVEMENT COMPRISING A DEVICE FOR DRIVING AN ANALOGUE DISPLAY
(73) ETA SA Manufacture Horlogère Suisse
(72) Gruenig, Daniel
Kraehenbuehl, David Benjamin
Winkler, Pascal

Altenhoven, Thierry	(33) European Patent Office (EPO)	(51) G05B 19/042
(51) G04B 17/06	(51) G04G 5/00	B60W 50/08
G04B 17/28	G04R 20/10	(11) EP2815284
(11) EP2802943	(11) EP2458459	(21) EP12766928.1
(21) EP13703132.4	(21) EP11190430.6	(47) 01.05.2019
(47) 01.05.2019	(47) 01.05.2019	(87) EP2012067458
(87) IB2013000036	(22) 24.11.2011	22.08.2013
18.07.2013	(54) Time-Information Obtaining Apparatus and	(22) 06.09.2012
(22) 11.01.2013	Radio-Controlled Timepiece	(54) DRIVER ADVICE SYSTEM FOR A
(54) CLOCKWORK WITH TILTED	(73) Casio Computer Co., Ltd.	VEHICLE
BALANCES	(72) Nomura, Keiichi	(73) Jaguar Land Rover Limited
(73) Richemont International SA	Abe, Hideo	(72) KELLY, James
(72) BRUTTIN, Grégory	(31) 2010263206	FAIRGRIEVE, Andrew
POSPIESZNY, Sébastien	(32) 26.11.2010	DENNEHY, Dan
(31) 12000199	(33) Japan	HEMES, Elliot
(32) 13.01.2012	(51) G04G 7/00	(31) 201202427
(33) European Patent Office (EPO)	G04G 13/02	(32) 13.02.2012
(51) G04B 19/24	G04G 21/04	(33) United Kingdom
G04B 21/04	G06Q 10/10	(51) G05B 19/418
G04B 21/12	(11) EP2759892	(11) EP3007021
(11) EP2363765	(21) EP14152210.2	(21) EP15193370.2
(21) EP11156530.5	(47) 01.05.2019	(47) 01.05.2019
(47) 01.05.2019	(22) 22.01.2014	(22) 20.01.2010
(22) 02.03.2011	(54) Synchronization of alarms between devices	(54) DISTRIBUTED ARBITRATION SYSTEM
(54) DEVICE FOR SEQUENTIALLY	(73) Google LLC	AND METHOD OF ARBITRATING
CONTROLLING AT LEAST TWO LIFTS	(72) Heinberg, Jonathan Adam	OWNERSHIP OF A FIRST PROCESS
OF A TIMEPIECE MECHANISM	Feltenberger, David Philip	CONTROL ENTITY OVER A SECOND
(73) Montres Breguet SA	(31) 201313748918	PROCESS CONTROL ENTITY
(72) Lauper, Simon	(32) 24.01.2013	(73) Fisher-Rosemount Systems, Inc.
Pesenti, Jean-François	(33) United States of America	(72) Sherriff, Godfrey Roland
(31) 10155664	(51) G05B 11/01	Law, Gary Keith
(32) 05.03.2010	G05B 19/19	(31) 356385
(33) European Patent Office (EPO)	G05B 23/02	(32) 20.01.2009
(51) G04B 21/12	B25J 9/16	(33) United States of America
G04B 11/00	G05B 19/423	(51) G05B 23/02
(11) EP2591401	(11) EP3274135	(11) EP3341807
(21) EP11729120.3	(21) EP16711602.9	(21) EP16742319.3
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) EP2011061237	(87) EP2016056132	(87) EP2016067752
12.01.2012	29.09.2016	02.03.2017
(22) 04.07.2011	(22) 21.03.2016	(22) 26.07.2016
(54) TIMEPIECE COMPRISING A CHIME	(54) ROBUST INTUITIVE OPERATING	(54) METHOD AND SYSTEM FOR
MECHANISM	METHOD BY TOUCHING A	MAINTAINING FIELD DEVICES IN AN
(73) CompliTime SA	MANIPULATOR	AUTOMATION PLANT
(72) GREUBEL, Robert	(73) KUKA Deutschland GmbH	(73) Endress+Hauser Process Solutions AG
FORSEY, Stephen	(72) SCHREIBER, Günter	(72) BARET, Marc
KAPETANOVIC, Amel	PFAFF, Bettina	HAUSS, Georg
(31) 11152010	(31) 102015205176	KAISER, Ulrich
(32) 08.07.2010	(32) 23.03.2015	MANEVAL, Michael
(33) Switzerland	(33) Germany	NICK, Markus
(51) G04B 27/02	(51) G05B 15/02	(31) 102015113981
G04B 19/253	H02J 3/14	(32) 24.08.2015
G04B 19/02	F24F 11/30	(33) Germany
(11) EP2751623	H02J 13/00	(51) G05B 23/02
(21) EP12735626.9	(11) EP2918932	G05B 9/02
(47) 01.05.2019	(21) EP13838999.4	G06N 5/04
(87) IB2012001227	(47) 01.05.2019	(11) EP2510443
07.03.2013	(87) JP2013063539	(21) EP10836427.4
(22) 13.06.2012	27.03.2014	(47) 01.05.2019
(54) MECHANISM FOR DRIVING AN	(22) 15.05.2013	(87) US2010058200
INDICATOR FOR A TIMEPIECE	(54) DEMAND CONTROL DEVICE	16.06.2011
(73) Breitling AG	(73) Daikin Industries, Ltd.	(22) 29.11.2010
(72) GABATHULER, Jacques	(72) KONDO, Tetsuyuki	(54) AUTOMATION MANAGEMENT
NGUYEN, Trung Thanh	TANAKA, Mizuki	SYSTEM AND METHOD
NICOLLIN, Serge	(31) 2012207103	(73) Beet, LLC
ZUFFEREY, Florent	(32) 20.09.2012	(72) WANG, David
(31) 11007040	(33) Japan	RED, Daisy
(32) 30.08.2011		NAUSLEY, Ivan

(31) 267940 P 954747	ZHOU, Biao	(33) Germany
(32) 09.12.2009 26.11.2010	(31) 201210377054 201213659041	(51) G06F 1/03 G01F 23/26
(33) United States of America United States of America	(32) 28.09.2012 24.10.2012	(11) EP3017347 (21) EP14729264.3 (47) 01.05.2019
(51) G05D 1/00 B60W 50/14	(33) China United States of America	(87) EP2014061353 08.01.2015
(11) EP3301531 (21) EP17194102.4 (47) 01.05.2019 (22) 29.09.2017	(51) G05D 23/13 (11) EP2217986 (21) EP08850909.6 (47) 01.05.2019 (87) GB2008003828 22.05.2009	(22) 02.06.2014 (54) MEASURING APPARATUS FOR AUTOMATION TECHNOLOGY WITH SIGNAL GENERATOR
(54) METHOD FOR THE AUTOMATED DRIVING OF A MOTOR VEHICLE	(22) 13.11.2008	(73) Endress+Hauser SE+Co. KG
(73) Continental Automotive GmbH	(54) VALVES	(72) RÜMMELE-WERNER, Stefan FRÜHAUF, Dietmar WERNET, Armin UPPENKAMP, Kaj BECHTEL, Gerd
(72) Meier-Arendt, Guido Cieler, Stephan von Bychowski, Heidi Mathe, Benjamin	(73) Kohler Mira Limited (72) SANSUM, Nigel, Paul BUMPSTEED, Austin, Christopher	(31) 102013107120 (32) 05.07.2013 (33) Germany
(31) 102016218985 (32) 30.09.2016 (33) Germany	(31) 0722245 (32) 13.11.2007 (33) United Kingdom	(51) G06F 1/16 G06F 1/20
(51) G05D 1/00 G05B 13/02	(51) G05D 23/19 (11) EP3308238 (21) EP16728681.4 (47) 01.05.2019 (87) EP2016063410 22.12.2016	(11) EP3120212 (21) EP14886153.7 (47) 01.05.2019 (87) US2014031335 24.09.2015
(11) EP2770393 (21) EP14154896.6 (47) 01.05.2019 (22) 12.02.2014	(22) 12.06.2016	(22) 20.03.2014
(54) Oscillatory failure common-mode monitor	(54) METHOD AND THERMOSTAT CONTROLLER FOR DETERMINING A TEMPERATURE SET POINT	(54) REDISTRIBUTE WEIGHT OF COMPUTING DEVICE
(73) The Boeing Company (72) Wang, Fenfei (Bruce) Asheim, Dennis Jon	(73) Eaton Intelligent Power Limited (72) KABRA, Siddharth MUSUNURI, Shravana Kumar THOKALA, Naveen Kumar	(73) Hewlett-Packard Development Company, L.P. (72) CHEN, Chun-Chieh
(31) 201313765385 (32) 12.02.2013 (33) United States of America	(31) 1776DE2015 201520475	(51) G06F 1/16 G06F 3/01
(51) G05D 7/06 F03H 1/00 F02K 9/58 B64G 1/40	(32) 15.06.2015 20.11.2015	(11) EP2857926 (21) EP14187357.0 (47) 01.05.2019 (22) 01.10.2014
(11) EP3274782 (21) EP16717984.5 (47) 01.05.2019 (87) FR2016050648 29.09.2016	(33) India United Kingdom	(54) Flexible device and bending detection apparatus therefor
(22) 24.03.2016	(51) G05D 23/19 B23Q 11/14	(73) LG Display Co., Ltd. (72) Hwang, Heeseo Kim, HaZoong Hong, SungWan
(54) APPARATUS AND METHOD FOR FLUID FLOW CONTROL	(21) EP16706425.2 (47) 01.05.2019 (87) GB2016050433 01.09.2016	(31) 20130117187 (32) 01.10.2013 (33) Korea (Republic)
(73) SAFRAN AIRCRAFT ENGINES (72) ZURBACH, Stéphane RABIN, Julien ÖBERG, Michael	(22) 22.02.2016	(51) G06F 1/16 G06F 21/32
(31) 1552500 (32) 25.03.2015 (33) France	(54) MACHINE TOOLS AND METHODS OF OPERATION THEREOF	(11) EP3285133 (21) EP16184971.6 (47) 01.05.2019 (22) 19.08.2016
(51) G05D 16/02 G05D 16/06	(73) Fives Landis Limited (72) PIERSE, Michael (31) 201503019 (32) 24.02.2015 (33) United Kingdom	(54) FOLDABLE DEVICE AND METHOD OF CONTROLLING THE SAME
(11) EP2901229 (21) EP13774339.9 (47) 01.05.2019 (87) US2013062109 03.04.2014	(51) G05D 24/00 (11) EP2887172 (21) EP14197751.2 (47) 01.05.2019 (22) 12.12.2014	(73) Samsung Electronics Co., Ltd. (72) Kim, Dae-myung
(22) 27.09.2013	(54) Device and method for providing a fluid to be inserted in a predetermined temperature interval	(51) G06F 1/16 G09F 9/30 H04M 1/02
(54) BALANCED VALVE PORT FOR FLUID REGULATOR	(73) Herrmann, Albert Thomas (72) Herrmann, Albert Thomas (31) 102013114467 (32) 19.12.2013	(11) EP3155496 (21) EP15730930.3 (47) 01.05.2019 (87) US2015034614 17.12.2015
(73) Emerson Process Management Regulator Technologies, Inc. (72) NGUYEN, Tung, K. MEVIUS, Jason, S.		

(22) 08.06.2015	(47) 01.05.2019	A61B 5/0476
(54) FLEXIBLE DISPLAY COMPUTING DEVICE	(87) US2012068682 04.07.2013	A61B 5/0482
(73) Microsoft Technology Licensing, LLC	(22) 10.12.2012	A61B 5/16
(72) TAZBAZ, Errol M.	(54) METHOD OF AND APPARATUS FOR DYNAMIC GRAPHICS POWER GATING FOR BATTERY LIFE OPTIMIZATION	A61B 5/00
(31) 201414303510		G09B 21/00
(32) 12.06.2014		G06K 9/00
(33) United States of America	(73) Intel Corporation	G06F 19/00
(51) G06F 1/20	(72) KABURLASOS, Nikos	(11) EP2613222
H05K 7/20	SAMSON, Eirc C.	(21) EP11821758.7
(11) EP3156875	(31) 201113338354	(47) 01.05.2019
(21) EP16190530.2	(32) 28.12.2011	(87) JP2011069524 08.03.2012
(47) 01.05.2019	(33) United States of America	(22) 30.08.2011
(22) 26.09.2016	(51) G06F 1/26	(54) APPARATUS AND METHOD TO DETERMINE A DECISION OF A USER BASED ON BRAIN WAVE ANALYSIS
(54) HEAT DISSIPATION MODULE, DISPLAY CARD ASSEMBLY AND ELECTRONIC DEVICE	H04B 3/54	(73) National Institute of Advanced Industrial Science and Technology
(73) Giga-Byte Technology Co., Ltd.	(11) EP3215906	(72) HASEGAWA Ryohei
(72) Huang, Shun-Chih	(21) EP15857092.9	HASEGAWA Yukako
Mao, Tai-Chuan	(47) 01.05.2019	TAKAI Hideaki
Ning, Guang Bo	(87) US2015059384 12.05.2016	(31) 2010195463
(31) 104134117	(22) 06.11.2015	(32) 01.09.2010
(32) 16.10.2015	(54) PACKET ENERGY TRANSFER POWER CONTROL ELEMENTS	(33) Japan
(33) Taiwan, Province of China	(73) Voltserver, Inc.	(51) G06F 3/01
(51) G06F 1/20	(72) EAVES, Stephen	G01S 7/41
H05K 7/20	(31) 201462077074 P	G01S 13/04
H01L 23/40	201514933941	G01S 13/06
F28D 15/02	(32) 07.11.2014	G01S 13/88
F28F 1/40	05.11.2015	(11) EP3177982
F28F 13/00	(33) United States of America	(21) EP15754323.2
H01L 23/367	United States of America	(47) 01.05.2019
H01L 23/427	(51) G06F 1/32	(87) US2015043963 11.02.2016
(11) EP2872962	G06F 3/0354	(22) 06.08.2015
(21) EP13816618.6	G06F 3/0488	(54) RADAR-BASED GESTURE SENSING AND DATA TRANSMISSION
(47) 01.05.2019	H04W 52/02	(73) Google LLC
(87) US2013049768	(11) EP3125096	(72) POUPLYREV, Ivan
16.01.2014	(21) EP16159711.7	(31) 201462034560 P
(22) 09.07.2013	(47) 01.05.2019	(32) 07.08.2014
(54) THERMOSIPHON SYSTEMS FOR ELECTRONIC DEVICES	(22) 10.03.2016	(33) United States of America
(73) Google LLC	(54) LOW-POWER WRITTEN INPUT FOR AN ELECTRONIC DEVICE	(51) G06F 3/01
(72) RICE, Jeremy	(73) Samsung Electronics Co., Ltd.	G06F 1/16
SPAULDING, Jeffrey S.	(72) QIANG, Sheng	G06F 3/0487
NGUYEN, Huan D.	JACKSON, Aaron	G06F 3/147
(31) 201213548046	(31) 201514812858	G06F 3/0488
(32) 12.07.2012	(32) 29.07.2015	(11) EP3014388
(33) United States of America	(33) United States of America	(21) EP13887694.1
(51) G06F 1/26	(51) G06F 3/00	(47) 01.05.2019
(11) EP2953002	G06F 11/36	(87) KR2013007671 31.12.2014
(21) EP15173934.9	G06F 11/34	(22) 27.08.2013
(47) 01.05.2019	(11) EP2972665	(54) PORTABLE DEVICE AND CONTROL METHOD THEREOF
(22) 04.11.2011	(21) EP14768696.8	(73) LG Electronics Inc.
(54) EXTENDABLE WIRELESS POWER DELIVERY FOR SMALL DEVICES	(47) 01.05.2019	(72) KIM, Jihwan
(73) Intel Corporation	(87) US2014015846 25.09.2014	CHO, Eunju
(72) COOPER, Emily	(22) 11.02.2014	LEE, Jaehee
SMITH, Joshua	(54) RECORDING PROGRAM EXECUTION	LEE, Juhwan
SAMPLE, Alanson	(73) AB Initio Technology LLC	(31) 20130072964
NEUMANN, John C	(72) WOOD, Joseph Stuart	201313967068
(31) 940455	FREUNDLICH, Robert	(32) 25.06.2013
(32) 05.11.2010	(31) 201361798246 P	14.08.2013
(33) United States of America	201414156905	(33) Korea (Republic) United States of America
(51) G06F 1/26	(32) 15.03.2013	(51) G06F 3/01
G06F 1/04	16.01.2014	G06F 3/041
G06F 9/46	(33) United States of America	
G06T 1/20	United States of America	
(11) EP2798433	(51) G06F 3/01	
(21) EP12861421.1	A61B 5/0484	

G06F 3/044	(31) 20075651	G06F 3/0346
(11) EP3036603	20080213	A63F 13/211
(21) EP14759402.2	20085472	A63F 13/22
(47) 01.05.2019	20085475	A63F 13/217
(87) US2014051743	(32) 18.09.2007	(11) EP2428877
26.02.2015	14.03.2008	(21) EP11007441.6
(22) 19.08.2014	19.05.2008	(47) 01.05.2019
(54) FEEDBACK FOR GROUNDING	19.05.2008	(22) 13.09.2011
INDEPENDENT HAPTIC	(33) Finland	(54) Information processing system for sensor
ELECTROVIBRATION	Finland	calibration
(73) Qualcomm Incorporated	Finland	(73) Sony Interactive Entertainment Inc.
(72) JIANG, Sam S.	Finland	(72) Takahashi, Masaki
WEBB, Christian A.	(51) G06F 3/01	(31) 2010206008
NORTHWAY, Craig W.	H01L 41/09	(32) 14.09.2010
(31) 201313973749	H02N 2/04	(33) Japan
(32) 22.08.2013	A63F 13/285	(51) G06F 3/041
(33) United States of America	(11) EP3185104	G06F 3/044
(51) G06F 3/01	(21) EP16198135.2	G02F 1/1333
G06F 3/0481	(47) 01.05.2019	G09G 3/20
(11) EP2962175	(22) 10.11.2016	(11) EP3187987
(21) EP14716455.2	(54) HAPTIC PERIPHERAL HAVING	(21) EP16207260.7
(47) 01.05.2019	A DEFORMABLE SUBSTRATE	(47) 01.05.2019
(87) US2014020024	CONFIGURED FOR AMPLIFIED	(22) 29.12.2016
04.09.2014	DEFORMATION	(54) TOUCH SENSOR INTEGRATED
(22) 03.03.2014	(73) Immersion Corporation	DISPLAY DEVICE
(54) DELAY WARP GAZE INTERACTION	(72) ALGHOONEH, Mansoor	(73) LG Display Co., Ltd.
(73) Tobii AB	CRUZ-HERNANDEZ, Juan Manuel	(72) CHO, Seungwan
(72) GEORGE-SVAHN, Erland	GRANT, Danny	HWANG, Kwangjo
LANNISJÖ, Rebecka	KHOSHKAVA, Vahid	HONG, Sungho
SKOGÖ, Mårten	(31) 201514951828	SO, Beongseong
ELVESJÖ, John	(32) 25.11.2015	RHE, Ruda
HENDEREK, David Figgins	(33) United States of America	(31) 20150190240
(31) 201361771659 P	(51) G06F 3/023	(32) 30.12.2015
201361905536 P	G06F 3/0488	(33) Korea (Republic)
(32) 01.03.2013	G06F 17/27	(51) G06F 3/048
18.11.2013	(11) EP3255528	(11) EP2375317
(33) United States of America	(21) EP17173810.7	(21) EP11153622.3
United States of America	(47) 01.05.2019	(47) 01.05.2019
(51) G06F 3/01	(22) 31.05.2017	(22) 08.02.2011
G06F 3/14	(54) HANDWRITING KEYBOARD FOR	(54) Mobile terminal and controlling method
G06F 15/16	SCREENS	thereof
(11) EP3000012	(73) Apple Inc.	(73) LG ELECTRONICS INC.
(21) EP14800471.6	(72) DIXON, Ryan S.	(72) Jung, Jong Cheol
(47) 01.05.2019	CHAUDHRI, Imran	Yun, Jae Woong
(87) KR2014001531	GRIFFIN, Bradley W.	(31) 20100033153
27.11.2014	JON, Tiffany S.	(32) 12.04.2010
(22) 25.02.2014	(31) 201662349111 P	(33) Korea (Republic)
(54) METHOD AND APPARATUS FOR	(32) 12.06.2016	(51) G06F 3/048
DISPLAYING SCHEDULE ON	(33) United States of America	G06F 3/0488
WEARABLE DEVICE	(51) G06F 3/0362	G06F 3/0484
(73) Samsung Electronics Co., Ltd.	F24C 7/08	(11) EP2282259
(72) SUH, Ji-Eun	(11) EP2639676	(21) EP10171049.9
LEE, Ju-Youn	(21) EP13158819.6	(47) 01.05.2019
(31) 20130057756	(47) 01.05.2019	(22) 28.07.2010
(32) 22.05.2013	(22) 12.03.2013	(54) User interface method used in web browsing,
(33) Korea (Republic)	(54) User interface device and electronic	electronic device for performing the same
(51) G06F 3/01	apparatus having the same	and computer readable recording medium
G09B 21/00	(73) Samsung Electronics Co., Ltd	thereof
A61N 1/40	(72) Lee, Joo Yeon	(73) Samsung Electronics Co., Ltd.
(11) EP2790088	Lee, Young Keun	(72) Moon, Kwan-kyung
(21) EP14169239.2	Sung, Whan Oh	Choi, Ko-eun
(47) 01.05.2019	(31) 20120025193	(31) 20090072113
(22) 17.09.2008	20130023932	(32) 05.08.2009
(54) Method and apparatus for sensory stimulation	(32) 12.03.2012	(33) Korea (Republic)
(73) Senseg Oy	06.03.2013	(51) G06F 3/0481
(72) Mäkinen, Ville	(33) Korea (Republic)	(11) EP2936291
Suvanto, Petro	Korea (Republic)	(21) EP13817908.0
Linjama, Jukka	(51) G06F 3/038	(47) 01.05.2019

(87) EP2013076709 26.06.2014	(47) 01.05.2019	(87) IB2014063185 12.02.2015
(22) 16.12.2013	(87) US2011055510 06.12.2012	(22) 17.07.2014
(54) MOVING CONTROL CONSOLE	(22) 09.10.2011	(54) MULTI-FUNCTION ELECTRONIC PDA DEVICE
(73) Audi AG Volkswagen Aktiengesellschaft	(54) TARGET DISAMBIGUATION AND CORRECTION	(73) 4P S.r.l.
(72) NG, Brian MEJIA GONZALEZ, Maria LATHROP, William Brian	(73) Microsoft Technology Licensing, LLC	(72) MANSUTTI, Silvano
(31) 201213723935	(72) HOOVER, Paul Armistead	(31) PD20130226
(32) 21.12.2012	PATTEN, Michael J.	(32) 06.08.2013
(33) United States of America	PITTAPPILLY, Theresa B.	(33) Italy
(51) G06F 3/0481	MARKIEWICZ, Jan-Kristian	(51) G06F 3/0488
G06F 3/0482	GARSDIE, Adrian J.	G06F 3/0481
G06F 3/0484	MAZEEV, Maxim V.	G06F 3/0483
G06F 3/0488	LOMBARDO, Jarrod	G06F 17/22
G06F 9/44	(31) 201113117964	(11) EP2808777
G06F 9/451	(32) 27.05.2011	(21) EP14170483.3
(11) EP2954396	(33) United States of America	(47) 01.05.2019
(21) EP14731346.4	(51) G06F 3/0485	(22) 29.05.2014
(47) 01.05.2019	G06F 3/0488	(54) Method and apparatus for gesture-based data processing
(87) IB2014000684	(11) EP2579144	(73) Samsung Electronics Co., Ltd
14.08.2014	(21) EP12186233.8	(72) Lee, Giyong
(22) 04.02.2014	(47) 01.05.2019	(31) 20130062699
(54) SYSTEM FOR ORGANIZING AND DISPLAYING INFORMATION ON A DISPLAY DEVICE	(22) 27.09.2012	(32) 31.05.2013
(73) Dizmo AG	(54) Determining a target position for scrolling content	(33) Korea (Republic)
(72) AEBI, Matthias	(73) BlackBerry Limited	(51) G06F 3/0488
(31) 201361762165 P	(72) Mak, Genevieve Elizabeth	G06F 3/0481
(32) 07.02.2013	(31) 201161544366 P	G06F 3/0484
(33) United States of America	(32) 07.10.2011	(11) EP2390779
(51) G06F 3/0481	(33) United States of America	(21) EP11178259.5
G06F 9/44	(51) G06F 3/0485	(47) 01.05.2019
(11) EP2862046	G06F 3/0488	(22) 31.08.2007
(21) EP13805189.1	(11) EP3007053	(54) Portable electronic device for photo management
(47) 01.05.2019	(21) EP14803601.5	(73) Apple Inc.
(87) US2013041432	(47) 01.05.2019	(72) Matas, Michael
19.12.2013	(87) JP2014062709	Christie, Gregory N.
(22) 16.05.2013	04.12.2014	Marcos, Paul D.
(54) Interfacing with windows having hidden borders	(22) 13.05.2014	Forstall, Scott
(73) Google LLC	(54) INFORMATION PROCESSING APPARATUS, PROCESSING METHOD THEREFOR, AND PROGRAM	Van Os, Marcel
(72) JITKOFF, John, Nicholas	(73) NEC CORPORATION	Ording, Bas
ERAT, Daniel T.	(72) MARUYAMA, Yasunari	Chaudhri, Imran
(31) 201213495871	(31) 2013111386	(31) 824769 P
(32) 13.06.2012	(32) 27.05.2013	883785 P
(33) United States of America	(33) Japan	879253 P
(51) G06F 3/0481	(51) G06F 3/0488	879469 P
G06F 9/451	(11) EP2871569	947118 P
(11) EP2474895	(21) EP13855130.4	937993 P
(21) EP11184689.5	(47) 01.05.2019	848210
(47) 01.05.2019	(87) CN2013078896	(32) 06.09.2006
(22) 11.10.2011	22.05.2014	06.01.2007
(54) User interface for exploring media content	(22) 05.07.2013	07.01.2007
(73) Sony Corporation	(54) METHOD AND DEVICE FOR USER INTERFACE MANAGEMENT	08.01.2007
Sony Network Entertainment, Inc.	(73) Xiaomi Inc.	29.06.2007
(72) Trotta, Nicholas	(72) WENG, Haibin	29.06.2007
Bauerly, Michael Patrick	WANG, Bin	30.08.2007
Brenner, Andrew Scott	LIU, Daokuan	(33) United States of America
Sakamoto, Manabu	(31) 201210465079	United States of America
(31) 978875	(32) 16.11.2012	United States of America
(32) 27.12.2010	(33) China	United States of America
(33) United States of America	(51) G06F 3/0488	United States of America
(51) G06F 3/0484	G06F 1/16	(51) G06F 3/0488
G06F 3/0488	G07F 7/08	G06F 3/16
(11) EP2715485	(11) EP3030957	G06F 9/451
(21) EP11867035.5	(21) EP14752426.8	G06Q 10/02
	(47) 01.05.2019	G06F 3/0482

G06F 3/0486	(47) 01.05.2019	(51) G06F 8/65
(11) EP2987164	(22) 09.03.2015	H04N 21/239
(21) EP14785575.3	(54) Display apparatus, control method thereof, and display system	H04N 21/24
(47) 01.05.2019		H04N 21/25
(87) US2014031047	(73) Samsung Electronics Co., Ltd	H04N 21/258
23.10.2014	(72) Jeong, Jae-hoon	H04N 21/262
(22) 18.03.2014	Park, Sang-bae	H04N 21/4405
(54) VIRTUAL ASSISTANT FOCUSED USER INTERFACES	Bang, Min-hyok	H04N 21/442
(73) Next IT Corporation	Lee, Keum-ok	H04N 21/466
(72) BROWN, Fred, A.	Lee, Dong-jin	H04N 21/6547
MILLER, Tanya, M.	Lee, Jung-kun	H04N 21/658
MORRIS, Richard, Stuart	Cho, Kyung-sun	H04N 21/8355
(31) 201313865789	Hong, Seong-seol	H04L 12/24
(32) 18.04.2013	(31) 20140035181	H04L 29/08
(33) United States of America	(32) 26.03.2014	G06F 9/48
(51) G06F 3/06	(33) Korea (Republic)	(11) EP2740031
G06F 11/20	(51) G06F 7/00	(21) EP12735890.1
G06F 11/10	H04L 29/08	(47) 01.05.2019
(11) EP2876542	(11) EP2883132	(87) EP2012064099
(21) EP14191062.0	(21) EP13827419.6	07.02.2013
(47) 01.05.2019	(47) 01.05.2019	(22) 18.07.2012
(22) 30.10.2014	(87) US2013053853	(54) METHOD OF SMOOTHING THE WORKLOAD OF A SERVER
(54) Storage control device, program, and control method	13.02.2014	(73) Viaccess
(73) FUJITSU LIMITED	(22) 06.08.2013	(72) BOIVIN, Mathieu
(72) Konta, Yoshihito	(54) ARCHIVAL DATA IDENTIFICATION	(31) 1157101
Kubota, Norihide	(73) Amazon Technologies, Inc.	(32) 02.08.2011
Kobayashi, Kenji	(72) PATIEJUNAS, Kestutis	(33) France
(31) 2013239897	DONLAN, Bryan J.	(51) G06F 8/656
(32) 20.11.2013	LAZIER, Colin L.	(11) EP3040854
(33) Japan	SORENSEN III, James Christopher	(21) EP14840123.5
(51) G06F 3/12	SEIGLE, Mark C.	(47) 01.05.2019
(11) EP2169531	CLAIBORN, Christian L.	(87) CN2014080001
(21) EP09169341.6	(31) 201213569994	05.03.2015
(47) 01.05.2019	(32) 08.08.2012	(22) 16.06.2014
(22) 03.09.2009	(33) United States of America	(54) METHOD, APPARATUS AND STORAGE MEDIUM FOR DYNAMICALLY PATCHING FUNCTION
(54) Device driver installer and installation method	(51) G06F 7/72	(73) ZTE Corporation
(73) Canon Kabushiki Kaisha	H04L 9/00	(72) YIN, Feng
(72) Onsen, Takahiro	H04L 9/30	ZHU, Mingxing
(31) 2008255247	(11) EP3306465	(31) 201310385256
(32) 30.09.2008	(21) EP17195112.2	(32) 29.08.2013
(33) Japan	(47) 01.05.2019	(33) China
(51) G06F 3/12	(22) 06.10.2017	(51) G06F 9/44
(11) EP2565777	(54) CRYPTOGRAPHIC PROCESSING METHOD COMPRISING A MULTIPLICATION OF A POINT OF AN ELLIPTIC CURVE BY A SCALAR	G01N 35/00
(21) EP12182138.3	(73) Idemia Identity & Security France	(11) EP1755035
(47) 01.05.2019	(72) SERVANT, Victor	(21) EP06016263.3
(22) 29.08.2012	DABOSVILLE, Guillaume	(47) 01.05.2019
(54) Processing device and processing method	(31) 1659677	(22) 03.08.2006
(73) Seiko Epson Corporation	(32) 07.10.2016	(54) User interface for automatic analysis device
(72) Oshima, Yasuhiro	(33) France	(73) Hitachi High-Technologies Corporation
Akamatsu, Hirotaka	(51) G06F 8/65	(72) Taki, Miki
Furuta, Yasuhiro	G06F 17/30	Takagi, Yoshimitsu
(31) 2011188625	(11) EP2766804	(31) 2005227771
2011188626	(21) EP12836509.5	(32) 05.08.2005
2011200268	(47) 01.05.2019	(33) Japan
(32) 31.08.2011	(87) US2012058037	(51) G06F 9/44
31.08.2011	04.04.2013	G06F 21/00
14.09.2011	(22) 28.09.2012	G06F 15/16
(33) Japan	(54) SYSTEM AND METHOD OF ROLLING UPGRADES OF DATA TRAITS	(11) EP2847672
Japan	(73) EMC Corporation	(21) EP14743575.4
Japan	(72) VAN ROTTERDAM, Jeroen	(47) 01.05.2019
(51) G06F 3/16	POLMAN, Mark	(87) US2014012339
G06F 3/14	(31) 201113250992	31.07.2014
H04R 3/12	(32) 30.09.2011	(22) 21.01.2014
(11) EP2927804	(33) United States of America	
(21) EP15158316.8		

<p>(54) SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING DATA RE-INSTALLATION (73) Google LLC (72) GARGIULO, Michael, J. (31) 201361756853 P 201361825857 P (32) 25.01.2013 21.05.2013 (33) United States of America United States of America <hr/> (51) G06F 9/4401 (11) EP2397941 (21) EP11000056.9 (47) 01.05.2019 (22) 05.01.2011 (54) Dual os system using a smart sim module and controlling method thereof (73) LG Electronics Inc. (72) Youn, Jinsoo (31) 20100058477 (32) 21.06.2010 (33) Korea (Republic) <hr/> (51) G06F 9/445 (11) EP1769342 (21) EP05746722.7 (47) 01.05.2019 (87) BR2005000094 08.12.2005 (22) 25.05.2005 (54) SYSTEM FOR ACCESSING A POS TERMINAL, METHOD FOR DOWNLOADING AND UPDATING APPLICATIONS AND METHOD FOR PERFORMING ELECTRONIC OPERATION USING SUCH A SYSTEM (73) MUXI TECNOLOGIA EM PAGAMENTOS S.A. (72) Soares Pi Farias, Alexandre (31) 574134 P (32) 25.05.2004 (33) United States of America <hr/> (51) G06F 9/445 (11) EP2718812 (21) EP12796002.9 (47) 01.05.2019 (87) IB2012052834 13.12.2012 (22) 06.06.2012 (54) EXECUTING A START OPERATOR MESSAGE COMMAND (73) International Business Machines Corporation (72) SHAW, Thomas GOSS, Steven, Neil ELKO, David (31) 201113157910 (32) 10.06.2011 (33) United States of America <hr/> (51) G06F 9/445 G06F 9/455 G06F 9/50 (11) EP2862065 (21) EP13732679.9 (47) 01.05.2019 (87) US2013044187 27.12.2013 (22) 05.06.2013</p>	<p>(54) INTERMEDIARY VIRTUAL MACHINE TASK MANAGEMENT (73) Microsoft Technology Licensing, LLC (72) RAMARATHINAM, Aravind PARTHASARATHY, Srivatsan (31) 201213527420 (32) 19.06.2012 (33) United States of America <hr/> (51) G06F 9/445 G06F 21/51 H04W 12/06 (11) EP2980698 (21) EP14773762.1 (47) 01.05.2019 (87) CN2014073553 02.10.2014 (22) 17.03.2014 (54) STARTING AN APPLICATION ON A MOBILE DEVICE (73) China Unionpay Co., Ltd (72) CHAI, Hongfeng LU, Zhijun HE, Shuo ZHOU, Yu GUO, Wei LI, Dingzhou (31) 201310104095 (32) 28.03.2013 (33) China <hr/> (51) G06F 9/46 G06F 17/30 (11) EP2499569 (21) EP10830380.1 (47) 01.05.2019 (87) US2010051069 19.05.2011 (22) 01.10.2010 (54) CLUSTERING METHOD AND SYSTEM (73) Alibaba Group Holding Limited (72) ZHANG, Tao GUO, Jiaqing (31) 200910211714 (32) 10.11.2009 (33) China <hr/> (51) G06F 9/48 G06F 9/44 G06F 9/451 H04L 29/06 (11) EP2201455 (21) EP08837165.3 (47) 01.05.2019 (87) US2008079413 16.04.2009 (22) 09.10.2008 (54) METHOD AND SYSTEM FOR CHANGING EXECUTION ENVIRONMENTS DURING APPLICATION EXECUTION (73) Oracle America, Inc. (72) RUSSELL, Kenneth B. (31) 978871 P (32) 10.10.2007 (33) United States of America <hr/> (51) G06F 9/48 G06F 9/455 (11) EP1380947 (21) EP03014873.8 (47) 01.05.2019</p>	<p>(22) 30.06.2003 (54) Method for forking or migrating a virtual machine (73) Microsoft Technology Licensing, LLC (72) Traut, Eric P. Vega, Rene A. (31) 193531 (32) 11.07.2002 (33) United States of America <hr/> (51) G06F 9/48 G06F 9/54 (11) EP2652614 (21) EP11802224.3 (47) 01.05.2019 (87) US2011063240 21.06.2012 (22) 05.12.2011 (54) GRAPHICS PROCESSING DISPATCH FROM USER MODE (73) ATI Technologies ULC Advanced Micro Devices, Inc. (72) MCCRARY, Rex HOUSTON, Michael ROGERS, Philip, J. CHENG, Jeffrey, G. HUMMEL, Mark BLINZER, Paul (31) 201113289304 422465 P (32) 04.11.2011 13.12.2010 (33) United States of America United States of America <hr/> (51) G06F 9/50 (11) EP2980701 (21) EP15178852.8 (47) 01.05.2019 (22) 29.07.2015 (54) STREAM PROCESSING WITH CONTEXT DATA AFFINITY (73) Pivotal Software Inc. (72) Nick, Jeffrey Mark Brown, David Russell Manoharan, Vinesh Prasanna (31) 201414450178 201514737746 (32) 01.08.2014 12.06.2015 (33) United States of America United States of America <hr/> (51) G06F 9/50 G06F 11/30 G06F 15/16 H04L 12/26 (11) EP2828751 (21) EP13765129.5 (47) 01.05.2019 (87) US2013031026 26.09.2013 (22) 13.03.2013 (54) CLOUD APPLICATION SCALING FRAMEWORK (73) Tier 3, Inc. (72) WRAY, Jared, Eugene (31) 201261613881 P (32) 21.03.2012 (33) United States of America <hr/> (51) G06F 9/50</p>
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H04L 12/26	(72) TROTT, James	(33) Germany
H04L 12/24	(31) 201513008	(51) G06F 11/14
(11) EP2955631	201514849229	G06F 17/30
(21) EP14171639.9	(32) 23.07.2015	(11) EP2834741
(47) 01.05.2019	09.09.2015	(21) EP13713124.9
(22) 09.06.2014	(33) United Kingdom	(47) 01.05.2019
(54) Controlling of virtualized network functions for usage in communication network	United States of America	(87) EP2013055737
(73) Nokia Solutions and Networks Oy	(51) G06F 11/00	10.10.2013
(72) Saha, Sumanta	G06F 11/07	(22) 19.03.2013
Hahn, Wolfgang	G06F 11/34	(54) METHOD OF IN-MEMORY MODIFICATION OF A DATA SET
(51) G06F 9/50	(11) EP2659371	(73) Idemia Identity & Security France
H04W 4/50	(21) EP11853294.4	(72) LECOCQ, François
G06Q 30/00	(47) 01.05.2019	PEPIN, Cyrille
H04L 29/06	(87) US2011066821	(31) 1252989
H04L 12/24	05.07.2012	(32) 02.04.2012
H04L 12/58	(22) 22.12.2011	(33) France
H04L 29/08	(54) PREDICTING, DIAGNOSING, AND RECOVERING FROM APPLICATION FAILURES BASED ON RESOURCE ACCESS PATTERNS	(51) G06F 11/14
G06F 9/06	(73) Microsoft Technology Licensing, LLC	G06F 17/30
H04W 4/00	(72) YOUNG, Matthew David	G06F 11/20
H04L 12/911	REIERSON, Kristofer Hellick	(11) EP1851630
(11) EP2663954	JEWART, Eric	(21) EP05855407.2
(21) EP12734136.0	(31) 978663	(47) 01.05.2019
(47) 01.05.2019	(32) 27.12.2010	(87) US2005046840
(87) US2012020785	(33) United States of America	13.07.2006
19.07.2012	(51) G06F 11/07	(22) 21.12.2005
(22) 10.01.2012	G06F 11/34	(54) SYSTEMS AND METHODS FOR RESTORING DATA
(54) SYSTEM AND METHOD FOR EXTENDING CLOUD SERVICES INTO THE CUSTOMER PREMISE	H04L 12/24	(73) EMC IP Holding Company LLC
(73) International Business Machines Corporation	(11) EP2671156	(72) CHAI, Mu
(72) NARASIMHAN, Vineeth	(21) EP12702638.3	DUNCAN, Craig
LAMBERT, Joshua	(47) 01.05.2019	KAPOOR, Aditya
HERCHEK, Thomas	(87) US2012020577	MA, Wenlu
HOPE, Ryan, Elliot	09.08.2012	(31) 640800 P
JHA, Nitish	(22) 09.01.2012	80047
JAIN, Rahul	(54) DIAGNOSTIC INFORMATION LOGGING	(32) 30.12.2004
SINGH, Sumeet	(73) Thomson Licensing	15.03.2005
(31) 201161431270 P	(72) COOK, Gregory William	(33) United States of America
(32) 10.01.2011	(31) 201161437924 P	United States of America
(33) United States of America	(32) 31.01.2011	(51) G06F 11/22
(51) G06F 9/54	(33) United States of America	G06F 11/07
G06F 3/01	(51) G06F 11/10	G06F 11/10
(11) EP2336885	(11) EP3128426	(11) EP2458504
(21) EP10196243.9	(21) EP16180731.8	(21) EP10801892.0
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(22) 21.12.2010	(22) 22.07.2016	(87) CN2010073072
(54) Method for integrating in a web browser the graphics rendering generated by a graphical application	(54) AN INTEGRATED CIRCUIT DEVICE AND METHOD FOR REDUCING SRAM LEAKAGE	27.01.2011
(73) Orange	(73) NXP B.V.	(22) 21.05.2010
(72) Vongphouthone, Aline	(72) ENGIN, Nur	(54) METHOD AND DEVICE FOR PROCESSING DATA CACHING
Faure, David	KAPOOR, Ajay	(73) ZTE Corporation
Piegay, Romain	(31) 201514820417	(72) CHEN, Hongqi
(31) 0959326	(32) 06.08.2015	ZHOU, Chang
(32) 21.12.2009	(33) United States of America	(31) 200910161519
(33) France	(51) G06F 11/14	(32) 24.07.2009
(51) G06F 9/54	(11) EP2312444	(33) China
H04L 29/08	(21) EP10011230.9	(51) G06F 11/273
(11) EP3326067	(47) 01.05.2019	(11) EP1546881
(21) EP16745948.6	(22) 28.09.2010	(21) EP03748393.0
(47) 01.05.2019	(54) Method for writing datasets in a non-volatile data storage device	(47) 01.05.2019
(87) US2016043030	(73) Giesecke+Devrient Mobile Security GmbH	(87) IB2003004258
26.01.2017	(72) Hockauf, Robert	08.04.2004
(22) 20.07.2016	Baldischweiler, Michael	(22) 29.09.2003
(54) COORDINATING ACTIONS ACROSS PLATFORMS	(31) 102009048144	(54) METHOD FOR REMOTE SERVICING OF EMBEDDED DEVICES
(73) Microsoft Technology Licensing, LLC	(32) 02.10.2009	(73) Sony Mobile Communications Inc.
		(72) SARMA, Srinivas
		(31) 260834

(32) 30.09.2002	(87) US2012040033	(54) MEMORY DESCRIPTOR LIST CACHING AND PIPELINE PROCESSING
(33) United States of America	13.12.2012	(73) Microsoft Technology Licensing, LLC
(51) G06F 12/02	(22) 30.05.2012	(72) WILSON, Mei L.
G11C 16/34	(54) SECURELY REBUILDING AN ENCODED DATA SLICE	KRISHNAN, Jitesh
G11C 29/52	(73) International Business Machines Corporation	KARIVARADASWAMY, Sathyanarayanan
G11C 16/16	(72) DHUSE, Greg	(31) 201562105129 P
G11C 29/00	RESCH, Jason, K.	201514626681
G06F 11/10	(31) 201161493820 P	(32) 19.01.2015
G06F 12/16	201213463991	19.02.2015
(11) EP2447849	(32) 06.06.2011	(33) United States of America
(21) EP11183776.1	04.05.2012	United States of America
(47) 01.05.2019	(33) United States of America	(51) G06F 13/40
(22) 08.09.2008	United States of America	(11) EP1958075
(54) Memory system	(51) G06F 13/16	(21) EP06838854.5
(73) TOSHIBA MEMORY CORPORATION	G06F 3/06	(47) 01.05.2019
(72) Kanno, Shinichi	G06F 1/12	(87) US2006046123
Yano, Hirokuni	G11C 7/10	14.06.2007
Hida, Toshikatsu	G11C 7/22	(22) 30.11.2006
Kitsunai, Kazuya	G11C 7/04	(54) METHOD AND APPARATUS FOR ASSIGNING DEVICES TO A PARTITION
Yano, Junji	G06F 1/32	(73) Intel Corporation
(31) 2008114230	G11C 11/4076	(72) LEWITES, Saul
(32) 24.04.2008	G11C 11/4096	(31) 294839
(33) Japan	G06F 13/36	(32) 05.12.2005
(51) G06F 12/14	G06F 12/0855	(33) United States of America
G06F 3/06	G06F 9/38	(51) G06F 15/16
G06F 21/79	(11) EP3258386	G06F 9/06
(11) EP3170087	(21) EP17174681.1	G06F 9/50
(21) EP15821592.1	(47) 01.05.2019	(11) EP2350857
(47) 01.05.2019	(22) 09.07.2009	(21) EP09822479.3
(87) US2015031586	(54) MESOCHRONOUS SIGNALING SYSTEM WITH CLOCK-STOPPED LOW POWER MODE	(47) 01.05.2019
21.01.2016	(73) Rambus Inc.	(87) US2009060972
(22) 19.05.2015	(72) WARE, Frederick, A	29.04.2010
(54) FLASH MEMORY DEVICE FOR STORING SENSITIVE INFORMATION AND OTHER DATA	PALMER, Robert, E.	(22) 16.10.2009
(73) BAE SYSTEMS Information and Electronic Systems Integration Inc.	POULTON, John, W.	(54) BOOTSTRAP RENDEZVOUS FEDERATION
(72) CANTER, Jeffrey, B.	FULLER, Andrew, M.	(73) Microsoft Technology Licensing, LLC
(31) 201462025052 P	(31) 144135 P	(72) KAKIVAYA, Gopala Krishna Reddy
(32) 16.07.2014	156872 P	XUN, Lu
(33) United States of America	177606 P	SINHA, Rishi Rakesh
(51) G06F 12/14	177478 P	(31) 108099 P
G06F 12/00	177596 P	430254
G06F 17/30	177467 P	(32) 24.10.2008
(11) EP2150900	177599 P	27.04.2009
(21) EP08732136.0	(32) 12.01.2009	(33) United States of America
(47) 01.05.2019	02.03.2009	United States of America
(87) US2008056873	12.05.2009	(51) G06F 15/177
23.10.2008	12.05.2009	H04W 4/00
(22) 13.03.2008	12.05.2009	H04L 29/08
(54) TRANSACTIONAL MEMORY USING BUFFERED WRITES AND ENFORCED SERIALIZATION ORDER	12.05.2009	H04W 4/50
(73) Microsoft Technology Licensing, LLC	(33) United States of America	(11) EP2972965
(72) DETLEFS, David	United States of America	(21) EP14712922.5
DUFFY, John Joseph	United States of America	(47) 01.05.2019
MAGRUDER, Michael M.	United States of America	(87) US2014020609
GRAEFE, Goetz	United States of America	09.10.2014
GROVER, Vinod K.	United States of America	(22) 05.03.2014
HARRIS, Timothy Lawrence	United States of America	(54) SYSTEMS AND METHODS FOR AUTO-CONFIGURING A USER EQUIPMENT DEVICE WITH CONTENT CONSUMPTION MATERIAL
(31) 786174	(51) G06F 13/28	(73) Rovi Guides, Inc.
(32) 11.04.2007	G06F 12/00	(72) LUNDELL, Gregory, James
(33) United States of America	G06F 9/00	(31) 201313794292
(51) G06F 12/14	(11) EP3248107	(32) 11.03.2013
G06F 21/64	(21) EP16703667.2	(33) United States of America
(11) EP2718826	(47) 01.05.2019	(51) G06F 16/18
(21) EP12797604.1	(87) US2016013909	G06F 16/13
(47) 01.05.2019	28.07.2016	
	(22) 19.01.2016	

G06F 16/11	(47) 01.05.2019	DONJERKOVIC, Donko
(11) EP2691847	(87) JP2010050855	CHOWDHURY, Saugata
(21) EP12763802.1	29.07.2010	(31) 201113038252
(47) 01.05.2019	(22) 15.01.2010	349754 P
(87) US2012028035	(54) METHOD FOR CONVERTING OUTLINE	(32) 01.03.2011
04.10.2012	CHARACTERS TO STYLIZED STROKE	28.05.2010
(22) 07.03.2012	CHARACTERS	(33) United States of America
(54) SYSTEM AND METHOD FOR	(73) Mitsubishi Electric Corporation	United States of America
MAINTAINING CONSISTENT POINTS	(72) JAKUBIAK, Elena J.	(51) G06F 17/30
IN FILE SYSTEMS USING A PRIME	PERRY, Ronald N.	(11) EP2557511
DEPENDENCY LIST	FRISKEN, Sarah F.	(21) EP11786801.8
(73) EMC Corporation	(31) 359819	(47) 01.05.2019
(72) MITRA, Soumyadeb	(32) 26.01.2009	(87) JP2011062366
HSU, Windsor, W.	(33) United States of America	01.12.2011
(31) 201113077790	(51) G06F 17/24	(22) 30.05.2011
(32) 31.03.2011	G06F 3/041	(54) INFORMATION PROCESSING DEVICE,
(33) United States of America	G06F 3/048	INFORMATION PROCESSING METHOD,
(51) G06F 16/21	G06F 3/0484	INFORMATION PROCESSING
(11) EP3349130	G06F 3/0488	PROGRAMME, AND RECORDING
(21) EP17198084.0	(11) EP2406707	MEDIUM
(47) 01.05.2019	(21) EP10750440.9	(73) Rakuten, Inc.
(22) 10.06.2014	(47) 01.05.2019	(72) MASUKO, Soh
(54) DATA COMPRESSION METHOD AND	(87) IB2010050744	MASUDA, Hajime
STORAGE SYSTEM	16.09.2010	IWABUCHI, Shigaku
(73) HUAWEI TECHNOLOGIES CO., LTD.	(22) 19.02.2010	(31) 2010145065
(72) LI, Lizhen	(54) METHOD AND APPARATUS FOR	2010123191
(31) 201310549672	SELECTING TEXT INFORMATION	(32) 25.06.2010
(32) 07.11.2013	(73) Nokia Technologies Oy	28.05.2010
(33) China	(72) TIKKA, Pirkko Piiastiina Maria	(33) Japan
(51) G06F 16/583	(31) 402625	Japan
G06F 17/27	(32) 12.03.2009	(51) G06F 17/30
G11B 27/34	(33) United States of America	(11) EP2645278
(11) EP3239857	(51) G06F 17/24	(21) EP13161815.9
(21) EP16207207.8	G06F 17/30	(47) 01.05.2019
(47) 01.05.2019	G06Q 10/10	(22) 28.03.2013
(22) 28.12.2016	(11) EP2218011	(54) Image archiving method and associated
(54) A METHOD AND SYSTEM FOR	(21) EP08841698.7	system
DYNAMICALLY GENERATING	(47) 01.05.2019	(73) Orange
MULTIMEDIA CONTENT FILE	(87) US2008079668	(72) Girard, Bruno
(73) Wipro Limited	30.04.2009	Prola, Alain
(72) IYER, Manjunath Ramachandra	(22) 11.10.2008	(31) 1252891
BADE, Sawani	(54) PRIVATE VIEWS OF DATA AND LOCAL	(32) 30.03.2012
RAVI, Jijith Nadumuri	CALCULATIONS DURING REAL TIME	(33) France
(31) 201641014803	COLLABORATION	(51) G06F 17/30
(32) 28.04.2016	(73) Microsoft Technology Licensing, LLC	(11) EP3014483
(33) India	(72) CAMPBELL, Johnny, S.	(21) EP13739627.1
(51) G06F 17/00	CHIRILOV, Joseph, M.	(47) 01.05.2019
H04L 29/08	SMITH, Michael, H.	(87) EP2013063559
(11) EP2011029	HAWKING, Robert, G.	31.12.2014
(21) EP07752706.7	TANDON, Rishabh	(22) 27.06.2013
(47) 01.05.2019	(31) 924051	(54) AUGMENTED REALITY
(87) US2007006024	(32) 25.10.2007	(73) Hewlett-Packard Development Company,
25.10.2007	(33) United States of America	L.P.
(22) 08.03.2007	(51) G06F 17/30	(72) SAKLATVALA, George
(54) MANAGING NETWORK RESPONSE	(11) EP2577508	(51) G06F 17/30
BUFFERING BEHAVIOR	(21) EP11722660.5	(11) EP2825982
(73) Microsoft Technology Licensing, LLC	(47) 01.05.2019	(21) EP13714565.2
(72) VOLODARSKY, Michael D.	(87) US2011036294	(47) 01.05.2019
OLSON, Erik B.	01.12.2011	(87) EP2013055455
RUIA, Anil K.	(22) 12.05.2011	19.09.2013
(31) 404412	(54) SYSTEMS AND METHODS FOR	(22) 15.03.2013
(32) 14.04.2006	PROVIDING MULTILINGUAL SUPPORT	(54) A METHOD OF PROVIDING AN INDEX
(33) United States of America	FOR DATA USED WITH A BUSINESS	STRUCTURE IN A DATABASE
(51) G06F 17/21	INTELLIGENCE SERVER	(73) Capish International AB
G06F 17/22	(73) Oracle International Corporation	(72) DREWS, Carl Henrik
G06F 17/28	(72) BOLSIUS, Roger	GESTRELIUS, Staffan
(11) EP2382557	VENKATASUBRAMANIAN, Raghuram	(31) 201261611865 P
(21) EP10717880.8	NI, Ling	(32) 16.03.2012

(33) United States of America	(33) United States of America	14.06.2011
(51) G06F 17/30	(51) G06F 19/00	(33) United States of America
(11) EP3365815	(11) EP2454697	United States of America
(21) EP16826667.4	(21) EP10735379.9	United States of America
(47) 01.05.2019	(47) 01.05.2019	
(87) US2016069293	(87) US2010041816	(51) G06F 21/00
05.07.2018	20.01.2011	G06F 21/45
(22) 29.12.2016	(22) 13.07.2010	G06F 21/46
(54) SEARCH AND RETRIEVAL OF KEYED	(54) REMOTE PACE DETECTION IN AN	G06F 21/74
DATA MAINTAINED USING A KEYED	IMPLANTABLE MEDICAL DEVICE	G06F 21/36
DATABASE	(73) Cardiac Pacemakers, Inc.	(11) EP3136271
(73) Google LLC	(72) TERNES, David, J.	(21) EP16187927.5
(72) RAPP, Richard Dominick	BAKER, Kenneth, L.	(47) 01.05.2019
LEWIS, Justin	(31) 225829 P	(22) 09.03.2012
(51) G06F 17/30	(32) 15.07.2009	(54) APPARATUS AND METHOD FOR
G06F 12/0866	(33) United States of America	MANAGING APPLICATION IN
G06F 9/445	(51) G06F 19/00	WIRELESS TERMINAL
(11) EP3273363	(11) EP2778999	(73) Samsung Electronics Co., Ltd.
(21) EP17001187.8	(21) EP14158648.7	(72) Kwon, Se-Hong
(47) 01.05.2019	(47) 01.05.2019	Jun, Don-Gyo
(22) 12.07.2017	(22) 10.03.2014	Hwang, Soon-Shik
(54) ZERO DOWNTIME DATABASE	(54) Video capture and streaming diagnostics	(31) 20110087304
UPDATES WITH DATABASE	metadata	(32) 30.08.2011
CONFIGURATION CHANGES	(73) Karl Storz Imaging, Inc.	(33) Korea (Republic)
(73) SAP SE	(72) King, Timothy	(51) G06F 21/10
(72) LUI, Francis	(31) 201313793232	(11) EP3362932
YU, Leo Chi-Lok	(32) 11.03.2013	(21) EP16791693.1
CHAN, Ho Kei David	(33) United States of America	(47) 01.05.2019
CHIU, Changching	(51) G06F 19/24	(87) IB2016056169
TAYARANI NAJARAN, Mahdi	G06F 19/26	20.04.2017
(31) 201615214144	(11) EP2780853	(22) 14.10.2016
(32) 19.07.2016	(21) EP12798036.5	(54) A METHOD FOR THE UNIQUE
(33) United States of America	(47) 01.05.2019	IDENTIFICATION OF A DEVICE
(51) G06F 17/30	(87) US2012057707	AND FOR THE UPDATES OF THE
G06F 17/24	23.05.2013	FIRMWARE AND HARDWARE USING
(11) EP1622045	(22) 28.09.2012	AN ENCRYPTED CODE
(21) EP05104477.4	(54) METHOD AND SYSTEM FOR	(73) Apteon S.r.l.
(47) 01.05.2019	DETERMINING AN AMPLIFICATION	(72) DE MARINIS, Marco
(22) 25.05.2005	QUALITY METRIC	(31) UB20155127
(54) Method, system, and apparatus for making	(73) Life Technologies Corporation	(32) 16.10.2015
available workbooks as data sources	(72) WEISS, Howard	(33) Italy
(73) Microsoft Technology Licensing, LLC	VAN HELEN, Eric	(51) G06F 21/10
(72) Netz, Amir	CHO, Jamie	G06F 9/455
Petculescu, Cristian	WESSEL, Thomas	G06F 9/48
Battagin, Daniel C.	MORRISON, Thomas B.	H04L 29/06
Megiddo, Eran	(31) 201161559636 P	(11) EP2819048
Asnash, Liviu	(32) 14.11.2011	(21) EP14174827.7
Prish, Shahar	(33) United States of America	(47) 01.05.2019
(31) 903568	(51) G06F 19/26	(22) 27.06.2014
(32) 30.07.2004	G06F 19/24	(54) Virtualized host ID key sharing
(33) United States of America	(11) EP2671179	(73) Extreme Networks, Inc.
(51) G06F 19/00	(21) EP12707407.8	(72) Walker, William T.
(11) EP2191405	(47) 01.05.2019	Biyani, Aabha
(21) EP08769444.4	(87) US2012023556	(31) 201313930308
(47) 01.05.2019	09.08.2012	(32) 28.06.2013
(87) US2008063395	(22) 01.02.2012	(33) United States of America
31.12.2008	(54) SYSTEMS AND METHODS FOR THE	(51) G06F 21/32
(22) 12.05.2008	ANALYSIS OF PROTEIN MELT CURVE	G06F 21/34
(54) MEDICAL DIAGNOSIS, THERAPY, AND	DATA	(11) EP3304391
PROGNOSIS SYSTEM FOR INVOKED	(73) Life Technologies Corporation	(21) EP16726251.8
EVENTS AND METHOD THEREOF	(72) MAJUMDAR, Nivedita	(47) 01.05.2019
(73) F. Hoffmann-La Roche AG	LEONG, Harrison	(87) US2016032803
(72) THUKRAL, Ajay	WU, Ruoyun	08.12.2016
GALLEY, Paul	(31) 201161438621 P	(22) 16.05.2016
CHITTAJALLU, Siva	201161450306 P	(54) CONTROLLING ACCESS TO RESOURCE
(31) 937326 P	201161496980 P	FUNCTIONS AT A CONTROL POINT OF
(32) 27.06.2007	(32) 01.02.2011	THE RESOURCE VIA A USER DEVICE
	08.03.2011	(73) Google LLC
		(72) SANZ, Roger, Trias

AITENBICHLER, Erwin	G06Q 20/34	(54) SETTLEMENT TERMINAL AND METHOD OF PROTECTING DATA STORED IN THE SETTLEMENT TERMINAL AGAINST TAMPERING
(31) 201514725818	G06K 19/067	(73) Toshiba TEC Kabushiki Kaisha
(32) 29.05.2015	(11) EP3195226	(72) FUKUSHIMA, Takafumi
(33) United States of America	(21) EP15842259.2	(31) 2016185516
(51) G06F 21/32	(47) 01.05.2019	(32) 23.09.2016
G06F 21/57	(87) SG2015050316	(33) Japan
G06F 21/62	24.03.2016	(51) G06F 21/55
(11) EP3206150	(22) 14.09.2015	G06F 21/57
(21) EP15849622.4	(54) SYSTEM, METHOD AND APPARATUS FOR UPDATING A STORED VALUE CARD	H04L 29/06
(47) 01.05.2019	(73) Voyager Innovations Holdings Pte. Ltd.	G06F 21/31
(87) CN2015073908	(72) SALVADOR, Rodrigo S.	G06T 19/00
14.04.2016	(31) 10201405789Y	A63F 13/75
(22) 09.03.2015	(32) 16.09.2014	A63F 13/71
(54) FINGERPRINT INPUT INFORMATION PROCESSING METHOD, SYSTEM AND MOBILE TERMINAL	(33) Singapore	(11) EP3338205
(73) Shenzhen Goodix Technology Co., Ltd.	(51) G06F 21/44	(21) EP17828119.2
(72) HAO, Qiyi	G06Q 20/40	(47) 01.05.2019
HUNG, Chiu-po	H04W 12/06	(87) US2017035679
(31) 201410534375	G06Q 20/32	18.01.2018
(32) 11.10.2014	G06Q 20/20	(22) 02.06.2017
(33) China	H04L 9/32	(54) SIMULATION AND VIRTUAL REALITY BASED CYBER BEHAVIORAL SYSTEM
(51) G06F 21/32	(11) EP3107023	(73) Ironnet Cybersecurity, Inc.
G06K 9/00	(21) EP16174471.9	(72) GROSSMAN, Robert, L.
H04L 29/06	(47) 01.05.2019	ALEXANDER, Keith, B.
G06F 3/0488	(22) 14.06.2016	HEATH, James, E.
H04M 1/725	(54) METHOD, DEVICE AND PROGRAM FOR WIRELESS PAYMENT TERMINAL AUTHENTICATION	GARRETT, Randy, Lynn
H04L 29/08	(73) Ingenico Group	(31) 201662362346 P
G06K 9/70	(72) MAYER, Laurent	(32) 14.07.2016
G06F 9/445	(31) 1555434	(33) United States of America
H04M 1/67	(32) 15.06.2015	(51) G06F 21/56
G06F 3/0354	(33) France	(11) EP1834243
(11) EP3252640	(51) G06F 21/45	(21) EP05807741.3
(21) EP17171033.8	H04L 9/32	(47) 01.05.2019
(47) 01.05.2019	G06F 21/31	(87) US2005034873
(22) 15.05.2017	G06F 21/57	13.04.2006
(54) METHOD FOR LAUNCHING APPLICATION AND TERMINAL	G06F 21/72	(22) 28.09.2005
(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.	(11) EP2973167	(54) SYSTEM AND METHOD FOR LOCATING MALWARE
(72) ZHANG, Haiping	(21) EP14779610.6	(73) Webroot Inc.
ZHOU, Yibao	(47) 01.05.2019	(72) THOMAS, Steve
(31) 201610382832	(87) US2014018842	BERTMAN, Justin, R.
(32) 31.05.2016	09.10.2014	LISTON, Bryan, M.
(33) China	(22) 27.02.2014	BONEY, Matthew, L.
(51) G06F 21/42	(54) TECHNIQUES FOR SECURING USE OF ONE-TIME PASSWORDS	HERMAN, Jeffery
G06Q 20/32	(73) Intel Corporation	(31) 956818
G06Q 20/36	(72) LAL, Reshma	956575
G06Q 20/38	HOEKSTRA, Matthew E.	956274
G07F 7/10	(31) 201313797915	(32) 01.10.2004
H04L 29/06	(32) 12.03.2013	01.10.2004
H04W 12/04	(33) United States of America	01.10.2004
(11) EP2533172	(51) G06F 21/55	(33) United States of America
(21) EP12170772.3	G06F 9/445	United States of America
(47) 01.05.2019	G06F 21/57	United States of America
(22) 05.06.2012	G06Q 20/20	(51) G06F 21/56
(54) Secure access to data in a device	G06Q 20/04	G06F 21/53
(73) Kobil Systems GmbH	G06Q 20/32	H04L 29/06
(72) Koyun, Ismet	G06Q 20/34	H04W 12/12
Madlener, Felix	G06Q 20/40	(11) EP3232359
Laue, Ralf	G07F 7/10	(21) EP15867444.0
(31) 102011050863	G06F 8/65	(47) 01.05.2019
102011051498	G06F 8/654	(87) JP2015084215
(32) 06.06.2011	(11) EP3299985	16.06.2016
01.07.2011	(21) EP17191388.2	(22) 04.12.2015
(33) Germany	(47) 01.05.2019	
Germany	(22) 15.09.2017	
(51) G06F 21/44		

(54) IDENTIFICATION DEVICE, IDENTIFICATION METHOD, AND IDENTIFICATION PROGRAM	(32) 26.06.2013 (33) United States of America	United States of America United States of America
(73) Nippon Telegraph and Telephone Corporation	(51) G06F 21/57 G06F 21/44 G06F 21/70	(51) G06F 21/60 H04L 9/08 H04L 29/06
(72) IKUSE, Tomonori AOKI, Kazufumi HARIU, Takeo	G06Q 50/06 H04W 4/20 H04W 12/06	(11) EP3161718 (21) EP14896895.1 (47) 01.05.2019
(31) 2014249119 (32) 09.12.2014 (33) Japan	(11) EP2812837 (21) EP13701946.9 (47) 01.05.2019	(87) US2014072886 07.01.2016 (22) 30.12.2014
(51) G06F 21/56 H04L 29/06	(87) EP2013050896 15.08.2013	(54) ENCRYPTION ARCHITECTURE (73) Nicira Inc.
(11) EP3244335 (21) EP16752378.6 (47) 01.05.2019 (87) JP2016053982 25.08.2016	(22) 18.01.2013 (54) METHOD FOR PERSONALIZING A SECURITY MODULE FOR A SMART METER OR SMART METER GATEWAY	(72) THOTA, Kiran, Kumar FEROZ, Azeem WIESE, James, C. (31) 201414320579 201414320573 201414320584 201414320576 201414320581 201414320578 201414320582 201462019402 P
(22) 10.02.2016 (54) BLACKLIST GENERATION DEVICE, BLACKLIST GENERATION SYSTEM, BLACKLIST GENERATION METHOD, AND BLACKLIST GENERATION PROGRAM	(73) Bundesdruckerei GmbH (72) DIETRICH, Frank (31) 102012201810 102012203354	(32) 30.06.2014 30.06.2014 30.06.2014 30.06.2014 30.06.2014 30.06.2014
(73) Nippon Telegraph and Telephone Corporation	(32) 07.02.2012 02.03.2012	(32) 30.06.2014 30.06.2014
(72) NAKATA, Kensuke SATO, Tohru AOKI, Kazufumi KAMIYA, Kazunori	(33) Germany Germany (51) G06F 21/57 G06F 21/52	(32) 30.06.2014 30.06.2014 30.06.2014 30.06.2014 30.06.2014 30.06.2014
(31) 2015031585 (32) 20.02.2015 (33) Japan	(11) EP3224759 (21) EP14906759.7 (47) 01.05.2019 (87) US2014067616 02.06.2016	(33) United States of America United States of America United States of America United States of America United States of America United States of America United States of America
(51) G06F 21/56 H04L 29/06 G06F 11/30 G06F 15/16	(22) 26.11.2014 (54) IN-MEMORY ATTACK PREVENTION (73) Hewlett-Packard Development Company, L.P.	(33) United States of America United States of America United States of America United States of America United States of America United States of America
(11) EP2754081 (21) EP12830186.8 (47) 01.05.2019 (87) US2012053995 14.03.2013	(72) LEA, Perry V. (51) G06F 21/60 G06F 21/62 G06F 21/88 H04L 29/06 H04W 12/06 H04W 12/08 H04L 29/08	(51) G06F 21/62 G06F 11/14 H04L 9/08 H04L 29/06
(22) 06.09.2012 (54) DYNAMIC CLEANING FOR MALWARE USING CLOUD TECHNOLOGY	(11) EP2909786 (21) EP13780457.1 (47) 01.05.2019 (87) US2013063856 24.04.2014	(11) EP2973186 (21) EP14773147.5 (47) 01.05.2019 (87) US2014018669 02.10.2014
(73) McAfee, LLC (72) SINGH, Prabhat, Kumar PRASHANTH, Palasamudram, Ramagopal JYOTI, Nitin	(22) 08.10.2013 (54) CONTROLLING MOBILE DEVICE ACCESS TO SECURE DATA	(22) 26.02.2014 (54) COMMUNITY-BASED DE- DUPLICATION FOR ENCRYPTED DATA (73) Intel Corporation (72) NAYSHTUT, Alex BEN-SHALOM, Omer YOSHII, Terry H.
(31) 201113227407 (32) 07.09.2011 (33) United States of America	(73) Citrix Systems Inc. (72) BARTON, Gary LANG, Zhongmin DESAI, Nitin WALKER, James	(31) 201313799318 (32) 13.03.2013 (33) United States of America
(51) G06F 21/57 G06F 8/61	(31) 201261714293 P 201361806577 P 201361861910 P 201314039632	(51) G06F 21/79 G06F 12/14 G06F 12/08
(11) EP3014515 (21) EP14744991.2 (47) 01.05.2019 (87) US2014044079 31.12.2014	(32) 16.10.2012 29.03.2013 02.08.2013 27.09.2013	(11) EP3271828 (21) EP16765386.4 (47) 01.05.2019 (87) US2016018266 22.09.2016
(22) 25.06.2014 (54) SYSTEMS AND METHODS FOR DIRECTING APPLICATION UPDATES	(33) United States of America United States of America	(22) 17.02.2016
(73) Symantec Corporation (72) SATISH, Sourabh WAWDA, Abubakar A. VILJOEN, Petrus Johannes EGAN, Gerry A.		
(31) 201313928348		

(54) CACHE AND DATA ORGANIZATION FOR MEMORY PROTECTION	ROULAND, Christopher Jay	(11) EP2183681
(73) Intel Corporation	ENGLE, Michael Thomas	(21) EP08795709.8
(72) CHHABRA, Siddhartha	(31) 201462006605 P	(47) 01.05.2019
MAKARAM, Raghunandan	201514610612	(87) US2008010270
MCCORMICK, Jim	201514610651	12.03.2009
BHATTACHARYYA, Binata	201514610659	(22) 29.08.2008
(31) 201514661044	201514610640	(54) PROBABILITY STATE MODELS
(32) 18.03.2015	201514657731	(73) Verity Software House
(33) United States of America	(32) 02.06.2014	(72) BAGWELL, C., Bruce
(51) G06F 21/79	30.01.2015	(31) 897148
G06F 21/74	30.01.2015	(32) 29.08.2007
G06F 21/62	30.01.2015	(33) United States of America
G06F 21/35	13.03.2015	(51) G06K 9/00
G06F 3/041	(33) United States of America	G06F 17/30
H04L 29/06	United States of America	(11) EP2579183
(11) EP3198500	United States of America	(21) EP11306280.6
(21) EP15819975.2	United States of America	(47) 01.05.2019
(47) 01.05.2019	United States of America	(22) 03.10.2011
(87) US2015065128	United States of America	(54) Biometric training and matching engine
07.07.2016	(51) G06K 7/00	(73) Accenture Global Services Limited
(22) 10.12.2015	H05K 5/02	(72) Partington, Alastair Ross
(54) TRUSTED COMPUTING	(11) EP2159734	Rocamora Marti, Jordi
(73) Google LLC	(21) EP09176804.4	Tornesello, Sebastiano
(72) ZATKO, Peiter, Charles	(47) 01.05.2019	(51) G06K 9/00
RIZZO, Dominic	(22) 01.12.2003	G06K 7/14
(31) 201414587551	(54) Memory card adapter for connecting mini-card in larger connector	G06K 9/46
(32) 31.12.2014	(73) Gemalto SA	(11) EP3330887
(33) United States of America	(72) Calvas, Bernard	(21) EP16843538.6
(51) G06G 7/48	Chomette, Michel	(47) 01.05.2019
E21B 43/00	Elbaz, Didier	(87) CN2016092816
G01V 99/00	Patrice, Philippe	16.03.2017
(11) EP2507738	(31) 0215336	(22) 02.08.2016
(21) EP10833725.4	(32) 05.12.2002	(54) CHINESE-SENSITIVE CODE FEATURE PATTERN DETECTION METHOD AND SYSTEM
(47) 01.05.2019	(33) France	(73) Fujian Landi Commercial Equipment Co., Ltd
(87) US2010047678	(51) G06K 7/10	(72) JIANG, Shengzhang
03.06.2011	G06K 7/14	WU, Weidong
(22) 02.09.2010	(11) EP2798573	(31) 201510561307
(54) ADAPTIVE NEWTON'S METHOD FOR RESERVOIR SIMULATION	(21) EP11819122.0	(32) 07.09.2015
(73) ExxonMobil Upstream Research Company	(47) 01.05.2019	(33) China
(72) LU, Pengbo	(87) IT2011000420	(51) G06K 9/00
BECKNER, Bret L.	04.07.2013	G06K 9/72
(31) 265103 P	(22) 29.12.2011	G06K 9/32
(32) 30.11.2009	(54) METHOD AND SYSTEM FOR RECORDING IMAGES OF SURFACES OF MOVING OBJECTS WITH REDUCED DISTORTION	G01C 21/32
(33) United States of America	(73) Datalogic IP TECH S.r.l.	(11) EP2534608
(51) G06K 7/00	(72) SAPORETTI, Claudio	(21) EP10705573.3
H04B 1/00	(51) G06K 9/00	(47) 01.05.2019
H04L 29/06	(11) EP3203411	(87) EP2010051494
H04W 12/12	(21) EP15846110.3	11.08.2011
H04W 72/04	(47) 01.05.2019	(22) 08.02.2010
H04B 7/01	(87) CN2015073823	(54) METHODS FOR DIGITAL MAPPING AND ASSOCIATED APPARATUS
H04W 4/02	07.04.2016	(73) TomTom Global Content B.V.
H04W 12/08	(22) 06.03.2015	(72) MUND, Heiko
G07C 9/00	(54) FINGERPRINT DETECTION CIRCUIT AND CAPACITIVE FINGERPRINT SENSOR THEREOF, AND MOBILE TERMINAL	SCHMELZLE, Oleg
H04W 12/06	(73) Shenzhen Goodix Technology Co., Ltd.	(51) G06K 9/00
H04B 17/318	(72) ZHAN, Chang	H04W 88/02
H04B 17/391	(31) 201410515210	G06F 21/32
H04W 4/90	(32) 29.09.2014	(11) EP3229516
(11) EP3285196	(33) China	(21) EP16863467.3
(21) EP17189632.7	(51) G06K 9/00	(47) 01.05.2019
(47) 01.05.2019	G01N 15/14	(87) CN2016097684
(22) 02.06.2015		18.05.2017
(54) ELECTROMAGNETIC PERSONA GENERATION BASED ON RADIO FREQUENCY FINGERPRINTS		(22) 31.08.2016
(73) Bastille Networks, Inc.		
(72) BAXLEY, Robert John		

(54) METHOD AND DEVICE FOR FINGERPRINT REGISTRATION AND MOBILE TERMINAL	(32) 29.03.2013 (33) Japan	(33) Japan
(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.	(51) G06K 9/62 G06K 9/46 G06K 9/00	(51) G06K 17/00 G06K 13/02 G11B 5/02 (11) EP2813974 (21) EP13746948.2 (47) 01.05.2019 (87) JP2013050535 15.08.2013
(72) ZHOU, Yibao (31) 201510786340 (32) 13.11.2015 (33) China	(11) EP3113080 (21) EP16182169.9 (47) 01.05.2019 (22) 13.08.2014	(22) 15.01.2013 (54) CARD READER (73) Nidec Sankyo Corporation (72) ISHIKAWA, Kazutoshi TAKAHASHI, Kazunori (31) 2012026386 (32) 09.02.2012 (33) Japan
(51) G06K 9/20 G06K 9/00 (11) EP2767924 (21) EP13166212.4 (47) 01.05.2019 (22) 02.05.2013 (54) A method and device for recognising pulsing light sources	(54) METHOD OF INDEXING OF MODIFIED IMAGES AS BEING ASSOCIATED WITH A PRODUCT AND CORRESPONDING SYSTEM (73) Ricoh Company, Ltd. (72) MORALEDA, Jorge PAVANI, Sri Kaushik GARG, Anshul (31) 201313967294 (32) 14.08.2013 (33) United States of America	(51) G06K 19/073 G06K 7/10 G08B 21/18 (11) EP3067834 (21) EP16165651.7 (47) 01.05.2019 (22) 08.09.2014 (54) SYSTEMS, METHODS, AND APPARATUS TO PERMIT COMMUNICATION BETWEEN PASSIVE WIRELESS TRANSPONDERS (73) Intermec IP Corp. (72) NIKITIN, Pavel KELLY, Stephen J (31) 201314035525 (32) 24.09.2013 (33) United States of America
(73) HELLA GmbH & Co. KGaA (72) Siecke, Jona Hoffmann, Ingo Debski, Andreas Stefanovic, Marko Mohr, Marcel Lorenz, Tara (31) 201313768443 (32) 15.02.2013 (33) United States of America	(51) G06K 9/34 G06T 7/11 G06T 7/162 G06T 7/187 G06K 9/46 G06T 7/00 (11) EP2902969 (21) EP13841846.2 (47) 01.05.2019 (87) JP2013005555 03.04.2014 (22) 20.09.2013 (54) IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND IMAGE PROCESSING PROGRAM (73) FUJIFILM Corporation (72) LI, Yuanzhong (31) 2012213636 (32) 27.09.2012 (33) Japan	(51) G06K 15/00 G03G 15/00 (11) EP3267366 (21) EP17178281.6 (47) 01.05.2019 (22) 28.06.2017 (54) METHOD FOR DETERMINING A PER-IMAGE RESOURCE CONSUMPTION IN A PRINTER (73) OCE Holding B.V. (72) TREMBLAY, Christian BARIZIEN, Stéphane (31) 16177842 (32) 04.07.2016 (33) European Patent Office (EPO)
(51) G06K 9/34 G06T 7/11 G06T 7/194 G06T 7/136 G06K 9/42 G06K 9/46 (11) EP2980755 (21) EP14775567.2 (47) 01.05.2019 (87) JP2014054462 02.10.2014 (22) 25.02.2014 (54) METHOD FOR PARTITIONING AREA, AND INSPECTION DEVICE (73) Omron Corporation (72) MINATO, Yoshihisa YANAGAWA, Yukiko IKEDA, Yasuyuki KIUCHI, Yutaka KATO, Yutaka (31) 2013073545	(51) G06K 9/34 G06T 7/40 G06K 9/00 (11) EP2406755 (21) EP10751095.0 (47) 01.05.2019 (87) SE2010050267 16.09.2010 (22) 09.03.2010 (54) METHOD FOR PERFORMING AUTOMATIC CLASSIFICATION OF IMAGE INFORMATION (73) Choros Cognition AB (72) MALMBERG, Bo NIELSEN, Michael WÄSTFELT, Anders (31) 0950140 (32) 10.03.2009 (33) Sweden	(51) G06Q 10/00 G06Q 50/00 (11) EP2741243 (21) EP13191868.2 (47) 01.05.2019 (22) 07.11.2013 (54) Mobile terminal and controlling method thereof (73) LG Electronics Inc. (72) Jang, Yujune Ryu, Eunjeong Kim, Meejeong (31) 20120141764 (32) 07.12.2012 (33) Korea (Republic)
(51) G06K 9/34 G06T 7/11 G06T 7/194 G06T 7/136 G06K 9/42 G06K 9/46 (11) EP2980755 (21) EP14775567.2 (47) 01.05.2019 (87) JP2014054462 02.10.2014 (22) 25.02.2014 (54) METHOD FOR PARTITIONING AREA, AND INSPECTION DEVICE (73) Omron Corporation (72) MINATO, Yoshihisa YANAGAWA, Yukiko IKEDA, Yasuyuki KIUCHI, Yutaka KATO, Yutaka (31) 2013073545	(51) G06K 15/10 B41J 2/21 (11) EP2127880 (21) EP08720384.0 (47) 01.05.2019 (87) JP2008000498 30.10.2008 (22) 08.03.2008 (54) PRINTER AND PRINTING METHOD (73) MUTOH INDUSTRIES LTD. (72) NASHIMOTO, Katsumi (31) 2007073918 (32) 22.03.2007	(51) G06Q 20/10 G06Q 20/16 G06Q 20/20 H04M 15/00 G06Q 20/32 (11) EP2613513 (21) EP12305005.6 (47) 01.05.2019 (22) 03.01.2012 (54) Transfer of credit from a mobile terminal (73) Alcatel Lucent (72) Grover, Varun (51) G06Q 50/00 G06F 9/00 G06F 9/32 H04L 9/32 H04L 9/08 G06F 21/10

H04L 29/06	OGASAWARA, Jin	(33) India
(11) EP2374087	NAKAMURA, Shinichiro	(51) G06T 7/00
(21) EP09830824.0	(31) 2013170756	G06T 7/20
(47) 01.05.2019	(32) 20.08.2013	G06T 11/00
(87) US2009064109	(33) Japan	G06K 9/62
10.06.2010	(51) G06T 5/00	G06K 9/46
(22) 12.11.2009	G06T 7/00	G06K 9/32
(54) TICKET-BASED IMPLEMENTATION OF	(11) EP2884457	G06K 9/00
CONTENT LEASING	(21) EP14197189.5	G06T 7/12
(73) Google Technology Holdings LLC	(47) 01.05.2019	G06T 7/215
(72) MEDVINSKY, Alexander	(22) 10.12.2014	G06T 7/254
(31) 327326	(54) Image evaluation device and image	(11) EP3021281
(32) 03.12.2008	evaluation program	(21) EP15194380.0
(33) United States of America	(73) Seiko Epson Corporation	(47) 01.05.2019
(51) G06T 1/20	(72) Kobayashi, Takashi	(22) 12.11.2015
G06K 9/00	Fujino, Makoto	(54) METHOD AND SYSTEM FOR
G06K 9/46	Okumura, Yoshio	PROCESSING VIDEO CONTENT
G06N 3/063	Kyuu, Bunei	(73) Sony Corporation
(11) EP2811453	(31) 2013256721	(72) Gurbuz, Sabri
(21) EP13740808.4	(32) 12.12.2013	(31) 201414542294
(47) 01.05.2019	(33) Japan	(32) 14.11.2014
(87) KR2013000568	(51) G06T 5/50	(33) United States of America
01.08.2013	(11) EP3230949	(51) G06T 7/00
(22) 24.01.2013	(21) EP16708258.5	H04N 17/00
(54) VISUAL CORTICAL CIRCUIT	(47) 01.05.2019	H04N 7/18
APPARATUS	(87) US2016017382	(11) EP2530651
(73) Korea Advanced Institute Of Science And	25.08.2016	(21) EP12168986.3
Technology	(22) 10.02.2016	(47) 01.05.2019
(72) HAN, IL Song	(54) SYSTEMS AND METHODS FOR DUAL	(22) 23.05.2012
HAN, Woo Joon	VITREOUS AND RETINA IMAGING	(54) Method for operating a camera system of
(31) 20120008372	(73) Novartis AG	a motor vehicle, motor vehicle as well as
20120070092	(72) YU, Lingfeng	system with a motor vehicle and a separate
20120077192	REN, Hugang	computing device
(32) 27.01.2012	(31) 201514623317	(73) Connaught Electronics Ltd.
28.06.2012	(32) 16.02.2015	(72) Ward, Enda Peter
16.07.2012	(33) United States of America	Denny, Patrick Eoghan
(33) Korea (Republic)	(51) G06T 7/00	(31) 102011102744
Korea (Republic)	(11) EP3304488	(32) 28.05.2011
Korea (Republic)	(21) EP15741505.0	(33) Germany
(51) G06T 1/60	(47) 01.05.2019	(51) G06T 7/12
(11) EP2395472	(87) EP2015065191	(11) EP2293242
(21) EP10165686.6	12.01.2017	(21) EP10157865.6
(47) 01.05.2019	(22) 03.07.2015	(47) 01.05.2019
(22) 11.06.2010	(54) AN IMAGE PROCESSING APPARATUS	(22) 26.03.2010
(54) Image processing system and address	AND METHOD	(54) Ultrasound system and method for
generator therefor	(73) Huawei Technologies Co., Ltd.	segmenting vessels
(73) Mobileye Vision Technologies Ltd.	(72) KONIECZNY, Jacek	(73) Samsung Medison Co., Ltd.
(72) Kreinin, Yosef	DOMANSKI, Marek	(72) Lee, Jun Kyo
Dogon, Gil	STANKIEWICZ, Olgierd	Hyun, Dong Gyu
Sixsou, Emmanuel	WEGNER, Krzysztof	Yoo, Jae Heung
Arbeli, Yosi	LUCZAK, Adam	(31) 20090072559
Navon, Mois	(51) G06T 7/00	(32) 07.08.2009
Sajman, Roman	G06K 9/20	(33) Korea (Republic)
(51) G06T 5/00	G06T 7/579	(51) G06T 7/68
G06T 5/20	G06T 7/80	G06K 9/00
H04N 5/21	G06T 7/593	G06K 9/46
H04N 7/01	(11) EP2960859	(11) EP2830020
H04N 7/015	(21) EP14186028.8	(21) EP13781887.8
(11) EP3038341	(47) 01.05.2019	(47) 01.05.2019
(21) EP14837499.4	(22) 23.09.2014	(87) JP2013056733
(47) 01.05.2019	(54) CONSTRUCTING A 3D STRUCTURE	31.10.2013
(87) JP2014004268	(73) Tata Consultancy Services Limited	(22) 12.03.2013
26.02.2015	(72) Bhowmick, Brojeshwar	(54) OBJECT DETECTION DEVICE AND
(22) 20.08.2014	Mallik, Apurbaa	PROGRAM
(54) IMAGE PROCESSING DEVICE, AND	Saha, Arindam	(73) MegaChips Corporation
IMAGE PROCESSING METHOD	(31) 1989MU2014	(72) HASEGAWA Hiromu
(73) Keisoku Giken Co., Ltd.	(32) 19.06.2014	(31) 2012100673
(72) GOHSHI, Seiichi		(32) 26.04.2012

(33) Japan	AMARIS, Lian A.	(72) MARCHANT, Gary LaMont
(51) G06T 7/73	(31) 201414465747	KARMALKAR, Shailesh Ratnakar
G06T 7/521	(32) 21.08.2014	(31) 201113248071
G06T 7/13	(33) United States of America	(32) 29.09.2011
G06T 1/00	(51) G06T 11/60	(33) United States of America
(11) EP3346446	G06K 9/46	(51) G06T 17/00
(21) EP17197551.9	(11) EP2356631	(11) EP3009987
(47) 01.05.2019	(21) EP09737259.3	(21) EP14306639.7
(22) 20.10.2017	(47) 01.05.2019	(47) 01.05.2019
(54) IMAGE PROCESSING SYSTEM, IMAGE PROCESSING APPARATUS, WORKPIECE PICKUP METHOD, AND WORKPIECE PICKUP PROGRAM	(87) US2009059225 08.04.2010	(22) 16.10.2014
(73) Omron Corporation	(22) 01.10.2009	(54) Method and system for providing a dynamic appearance to a generic, morphable 3D model
(72) IWAI, Yosuke	(54) SYSTEMS AND METHODS FOR EVALUATING ROBUSTNESS	(73) Alcatel Lucent
IIDA, Toyoo	(73) 3M Innovative Properties Company	(72) Tytgat, Donny
SHIMAMURA, Junji	(72) STANKIEWICZ, Brian J., BROOKS, Brian E., LINZIE, Brian L., ANDERSON, Nathan J., CANAVAN, Michael Kelly, CASNER, Glenn E., GARDNER, Timothy J., MISEMER, David K.,	(51) G06T 17/10
(31) 2017001627	(31) 102618 P	G06T 17/20
(32) 10.01.2017	(32) 03.10.2008	G06T 17/30
(33) Japan	(33) United States of America	(11) EP2750108
(51) G06T 7/90	(51) G06T 15/00	(21) EP12306696.1
G06T 5/20	(11) EP3353746	(47) 01.05.2019
(11) EP2819091	(21) EP16747700.9	(22) 28.12.2012
(21) EP14170582.2	(47) 01.05.2019	(54) Parameterizing a 3D modeled object for tessellation
(47) 01.05.2019	(87) US2016044060	(73) Dassault Systèmes
(22) 30.05.2014	30.03.2017	(72) Quilot, Laurent
(54) Method and apparatus for processing a gray image	(22) 26.07.2016	Feki, Abdelmonem
(73) FUJITSU LIMITED	(54) DYNAMICALLY SWITCHING BETWEEN LATE DEPTH TESTING AND CONSERVATIVE DEPTH TESTING	Phung, Tuan Anh
(72) Wu, Jianrong	(73) Qualcomm Incorporated	Roudil, Daniel
Fu, Xuan	(72) KHANDELWAL, Shambhoo	(51) G06T 19/00
Higashi, Akihiro	XIA, Yang	A61B 34/10
(31) 201310211284	TANG, Xuofeng	(11) EP2785270
(32) 31.05.2013	LIANG, Jian	(21) EP12818816.6
(33) China	WANG, Tao	(47) 01.05.2019
(51) G06T 11/60	GRUBER, Andrew Evan	(87) IB2012056781
(11) EP2709067	DEMERS, Eric	06.06.2013
(21) EP12184333.8	(31) 201514862532	(22) 28.11.2012
(47) 01.05.2019	(32) 23.09.2015	(54) AUTOMATIC DEPTH SCROLLING AND ORIENTATION ADJUSTMENT FOR SEMI-AUTOMATED PATH PLANNING
(22) 13.09.2012	(33) United States of America	(73) Koninklijke Philips N.V.
(54) Method for automatically generating presentation slides containing picture elements	(51) G06T 15/00	(72) WIEMKER, Rafael
(73) BlackBerry Limited	G06T 15/08	LU, Kongkuo
(72) Berglund, Carl Fredrik Alexander	(11) EP3001385	XU, Sheng
Eriksson, Marcus	(21) EP14186795.2	KLINDER, Tobias
Gardenfors, Dan Zacharias	(47) 01.05.2019	BERGTHOLDT, Martin
(51) G06T 11/60	(22) 29.09.2014	(31) 201161566609 P
G06F 3/0482	(54) A system and method for rendering a video stream	(32) 03.12.2011
G06F 3/0485	(73) Agfa Healthcare	(33) United States of America
G06F 3/0488	(72) Ovtchinnikov, Alexandre	(51) G06T 19/00
G06F 3/0481	(51) G06T 15/40	G06T 7/00
(11) EP3183639	(11) EP2761599	(11) EP3161803
(21) EP15833671.9	(21) EP12778157.3	(21) EP15731583.9
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) US2015046348	(87) US2012056620	(87) EP2015064327
25.02.2016	04.04.2013	30.12.2015
(22) 21.08.2015	(22) 21.09.2012	(22) 25.06.2015
(54) METHODS AND SYSTEMS FOR IMAGES WITH INTERACTIVE FILTERS	(54) HYBRID HIDDEN-LINE PROCESSOR AND METHOD	(54) SILHOUETTE DISPLAY FOR VISUAL ASSESSMENT OF CALCIFIED RIB- CARTILAGE JOINTS
(73) Glu Mobile, Inc.	(73) Siemens Product Lifecycle Management Software Inc.	(73) Koninklijke Philips N.V.
Ahuja, Sourabh		(72) YOUNG, Stewart
Wu, Liang		VON BERG, Jens
Mok, Michael Andrew		FLORENT, Raoul
Amaris, Lian A.		LEVRIER, Claire
(72) AHUJA, Sourabh		(31) 14306025
WU, Liang		(32) 27.06.2014
MOK, Michael Andrew		(33) European Patent Office (EPO)

- (51) G06T 19/20
A61B 34/10
- (11) EP3158537
(21) EP15733954.0
(47) 01.05.2019
(87) US2015035912
30.12.2015
(22) 16.06.2015
(54) REMOVING SHARP CUSPS FROM
3D SHAPES FOR ADDITIVE
MANUFACTURING
- (73) Siemens Product Lifecycle Management
Software Inc.
- (72) ARISOY, Erhan
MUSUVATHY, Suraj Ravi
DALLORO, Livio
- (31) 201414311990
(32) 23.06.2014
(33) United States of America
-
- (51) G07C 9/00
(11) EP3147872
(21) EP16188920.9
(47) 01.05.2019
(22) 15.09.2016
(54) INTERCOM SYSTEM, INTERCOM
MASTER DEVICE, AND
COMMUNICATION METHOD
- (73) Panasonic Intellectual Property Management
Co., Ltd.
- (72) HAMASAKI, Toshiyuki
KOYAMA, Kazuhiro
UE, Chikashi
MATSUO, Kotaro
- (31) 2015190077
(32) 28.09.2015
(33) Japan
-
- (51) G07C 9/00
E05B 47/00
E05B 17/00
- (11) EP2450854
(21) EP11008631.1
(47) 01.05.2019
(22) 27.10.2011
(54) BARRIER-FREE ACCESS DEVICE FOR
DISABLED PERSONS
- (73) dormakaba Deutschland GmbH
(72) Speckamp, Hans-Rainer
- (31) 102010060389
(32) 05.11.2010
(33) Germany
-
- (51) G07C 9/00
G07C 9/02
- (11) EP3203447
(21) EP16382047.5
(47) 01.05.2019
(22) 04.02.2016
(54) DETECTION OF FRAUDULENT ACCESS
AT CONTROL GATES
- (73) Holding Assessoria I Lideratge, S.L. (HAL
SL)
- (72) ARRUFAT RIBAS, Francesc Xavier
-
- (51) G07D 7/00
G07D 11/00
- (11) EP2740107
(21) EP12735095.7
(47) 01.05.2019
(87) EP2012002862
07.02.2013
- (22) 06.07.2012
- (54) SENSOR DEVICE IN A BANKNOTE
PROCESSING MACHINE
- (73) Giesecke+Devrient Currency Technology
GmbH
- (72) PHILIPP, Achim
WOLFARTH, Jens
- (31) 102011109400
(32) 04.08.2011
(33) Germany
-
- (51) G07D 11/00
B65H 29/00
B65H 5/28
B65H 5/02
B65H 29/60
- (11) EP2428938
(21) EP11177550.8
(47) 01.05.2019
(22) 15.08.2011
(54) Media item storage unit, and method of
storing media items
- (73) NCR Corporation
(72) Angus, Robin
Walker, Gordon
-
- (51) G07F 9/02
A47K 10/28
A47K 10/32
- (11) EP2810259
(21) EP12707024.1
(47) 01.05.2019
(87) CH2012000028
08.08.2013
(22) 03.02.2012
(54) HAND TOWEL DISPENSER HAVING
MEANS FOR DATA CAPTURE AND
TRANSMISSION
- (73) CWS-boco International GmbH
(72) ERB, Markus
-
- (51) G07F 9/06
E05G 1/024
G07D 11/00
- (11) EP2340528
(21) EP09778619.8
(47) 01.05.2019
(87) EP2009006780
29.04.2010
(22) 21.09.2009
(54) VALUABLES BOX
- (73) Wincor Nixdorf International GmbH
(72) BERENDES, Elmar
- (31) 102008052737
(32) 22.10.2008
(33) Germany
-
- (51) G08B 17/00
G08B 17/12
E21F 5/14
G01J 5/00
A62C 37/36
B05B 12/12
G01P 5/00
G01P 13/00
G08B 29/18
B05B 12/08
- (11) EP3084736
(21) EP14825188.7
(47) 01.05.2019
(87) IB2014066989
25.06.2015
- (22) 17.12.2014
- (54) SYSTEM AND METHOD FOR
DETECTING AND SUPPRESSING FIRE
USING WIND INFORMATION
- (73) Tyco Fire Products LP
- (72) RAO, Manjuprakash Rama
BORAH, Surajit
RAMANNA, Sreenath K.
KAMRUDDIN, P. U.
RYNKIEWICZ, Andrew
WESTON, Clive
- (31) 201361916917 P
(32) 17.12.2013
(33) United States of America
-
- (51) G08B 21/06
G06K 9/00
- (11) EP3193318
(21) EP16151708.1
(47) 01.05.2019
(22) 18.01.2016
(54) DRIVER MONITORING SYSTEM AND
DRIVER MONITORING METHOD FOR A
MOTOR VEHICLE
- (73) Veoneer Sweden AB
(72) Knutsson, Per
-
- (51) G08B 26/00
E02D 1/00
E01C 19/00
G01C 21/00
A01K 15/02
G01S 5/02
G08B 21/02
G01D 9/00
G01D 21/00
G01N 9/00
G01N 3/42
G01N 23/00
G06F 17/40
G01N 33/42
- (11) EP2160724
(21) EP08768283.7
(47) 01.05.2019
(87) US2008007217
18.12.2008
(22) 09.06.2008
(54) METHODS, SYSTEMS, AND COMPUTER
PROGRAM PRODUCTS FOR LOCATING
AND TRACKING OBJECTS
- (73) Troxler Electronics Labs
(72) TROXLER, Robert, Ernest
MALASSET, Francois, Jacques
- (31) 811365
(32) 08.06.2007
(33) United States of America
-
- (51) G08B 29/08
G06F 21/70
G08B 29/24
- (11) EP2795601
(21) EP13712180.2
(47) 01.05.2019
(87) EP2013055257
31.10.2013
(22) 14.03.2013
(54) METHOD AND DEVICE FOR
RECOGNIZING A MANIPULATION ON
AN ELECTRICAL LINE
- (73) Siemens Aktiengesellschaft
(72) DICHTL, Markus

MEYER, Bernd	(72) KINOSHITA, Yoshihito	B60W 30/08
(31) 102012206870	(31) 2007330520	B60R 1/00
(32) 25.04.2012	(32) 21.12.2007	B60R 21/00
(33) Germany	(33) Japan	B60W 30/095
(51) G08C 17/00	(51) G08G 1/095	B60R 21/0134
G07C 9/00	(11) EP2927889	B60W 50/16
(11) EP3038071	(21) EP15158356.4	B60W 40/04
(21) EP14465529.7	(47) 01.05.2019	B60W 50/14
(47) 01.05.2019	(22) 10.03.2015	(11) EP2495713
(22) 22.12.2014	(54) SIGNAL TRANSMITTER FOR	(21) EP10826382.3
(54) Identification device for a remote control	DISPENSING A LIGHT SIGNAL	(47) 01.05.2019
arrangement of a vehicle and remote control	(73) Siemens Mobility GmbH	(87) JP2010054990
arrangement for a vehicle	(72) Fischer, Friedrich	05.05.2011
(73) Continental Automotive GmbH	Junker, Heiko	(22) 23.03.2010
(72) Rus, Gheorge-Cristian	Langhammer, Birger	(54) DRIVING SUPPORT DEVICE
Iarca, Sorin-Ioan	(31) 102014205225	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
Radu, Adrian	(32) 20.03.2014	(72) YOSHIZAWA Shintaro
(51) G08C 17/02	(33) Germany	KAJI Hirota
(11) EP2980769	(51) G08G 1/095	(31) 2009250976
(21) EP15178843.7	G08B 5/38	(32) 30.10.2009
(47) 01.05.2019	(11) EP3285240	(33) Japan
(22) 29.07.2015	(21) EP16184521.9	(51) G09B 23/28
(54) REMOTE CONTROL DEVICE FOR AIR-	(47) 01.05.2019	G09B 23/30
CONDITIONING APPARATUS	(22) 17.08.2016	(11) EP1829015
(73) Mitsubishi Electric Corporation	(54) LIGHT SIGN ASSEMBLY WITH AN	(21) EP05852857.1
(72) OKAZAKI, Junichi	EMERGENCY LIGHT CHARACTER	(47) 01.05.2019
TAKAHARA, Hideki	SIGNAL SENSOR AND METHOD FOR	(87) US2005043771
NAKASU, Jiro	ACTIVATING SAME	08.06.2006
ISHIKAWA, Miho	(73) Schell, Jürgen	(22) 02.12.2005
HATTA, Hidetoshi	(72) Schell, Jürgen	(54) TRAUMA TRAINING MANNEQUIN
(31) 2014157564	(51) G08G 1/0968	(73) UNITED STATES GOVERNMENT AS
(32) 01.08.2014	G01C 21/00	REPRESENTED BY THE U.S. ARMY
(33) Japan	G01C 21/34	(72) KING, Lynn, R.
(51) G08C 19/00	(11) EP2965301	(31) 635432 P
(11) EP2973488	(21) EP14711063.9	(32) 02.12.2004
(21) EP14779524.9	(47) 01.05.2019	(33) United States of America
(47) 01.05.2019	(87) US2014018661	(51) G09C 5/00
(87) US2014022766	12.09.2014	G06F 21/36
09.10.2014	(22) 26.02.2014	H04L 9/32
(22) 10.03.2014	(54) METHODS FOR PROVIDING A	H04L 29/06
(54) DISTRIBUTED SENSOR SYSTEM	NAVIGATION ROUTE BASED ON	(11) EP3319069
WITH REMOTE SENSOR NODES AND	NETWORK AVAILABILITY AND	(21) EP17172856.1
CENTRALIZED DATA PROCESSING	DEVICE ATTRIBUTES	(47) 01.05.2019
(73) Aclima Inc.	(73) Qualcomm Incorporated	(22) 24.05.2017
(72) RISK, Gabriel	(72) ANNAPUREDDY, Koushik	(54) METHOD FOR AUTHENTICATING A
HERZL, Davida	FINLOW-BATES, Keir	USER BY MEANS OF A NON-SECURE
HERZL, Roland	(31) 201313787651	TERMINAL
CORAZZINI, Tobe	(32) 06.03.2013	(73) Skeyecode
HU, Stanley	(33) United States of America	(72) PITEL, Guillaume
(31) 201313800172	(51) G08G 1/0968	LELEU, Jean-Luc
201313800199	G01C 21/34	(31) 16196947
(32) 13.03.2013	(11) EP2306431	16196945
13.03.2013	(21) EP11151245.5	16196950
(33) United States of America	(47) 01.05.2019	16196957
United States of America	(22) 11.07.2008	(32) 02.11.2016
(51) G08G 1/09	(54) SYSTEM AND METHOD FOR SHARING	02.11.2016
G01C 21/26	USER-IDENTIFIED ROUTES	02.11.2016
G08G 1/0967	(73) BlackBerry Corporation	02.11.2016
H04W 4/00	(72) Tzamaloukas, Assimakis	(33) European Patent Office (EPO)
(11) EP2224413	Currie, Robert	European Patent Office (EPO)
(21) EP08865585.7	(31) 827826	European Patent Office (EPO)
(47) 01.05.2019	827887	European Patent Office (EPO)
(87) JP2008073153	(32) 13.07.2007	(51) G09F 9/00
02.07.2009	13.07.2007	G09F 9/33
(22) 19.12.2008	(33) United States of America	H01L 25/075
(54) ROAD-VEHICLE COMMUNICATION	United States of America	H01L 33/62
SYSTEM	(51) G08G 1/16	H01L 27/15
(73) JVC KENWOOD Corporation		(11) EP3114674

(21) EP14884910.2	(73) LG Display Co., Ltd.	H05B 33/08
(47) 01.05.2019	(72) LEE, Joonhee	H04N 1/60
(87) KR2014012231	KIM, Sunghoon	(11) EP2095353
11.09.2015	PARK, Jongmin	(21) EP07849526.4
(22) 11.12.2014	(31) 20140188899	(47) 01.05.2019
(54) DISPLAY DEVICE USING	(32) 24.12.2014	(87) IB2007055176
SEMICONDUCTOR LIGHT EMITTING	(33) Korea (Republic)	03.07.2008
DEVICE	(51) G09G 3/20	(22) 17.12.2007
(73) LG Electronics Inc.	G09G 3/34	(54) LIGHTING DEVICE WITH MULTIPLE
(72) KIM, Chisun	(11) EP3218897	PRIMARY COLORS
(31) 20140026195	(21) EP15721005.5	(73) Signify Holding B.V.
(32) 05.03.2014	(47) 01.05.2019	(72) VAN DUJNEVELDT, Wido
(33) Korea (Republic)	(87) EP2015060169	(31) 06126588
(51) G09F 9/33	19.05.2016	(32) 20.12.2006
(11) EP2945146	(22) 08.05.2015	(33) European Patent Office (EPO)
(21) EP14738176.8	(54) DISPLAY BRIGHTNESS CONTROL	(51) G10H 1/00
(47) 01.05.2019	(73) Sony Corporation	G10G 1/00
(87) CN2014070312	(72) CHU, Jungle	(11) EP2924684
17.07.2014	OU, Oj	(21) EP15160495.6
(22) 08.01.2014	(31) 201414537444	(47) 01.05.2019
(54) LED SCREEN DISPLAY UNIT AND	(32) 10.11.2014	(22) 24.03.2015
PRODUCTION METHOD THEREFOR	(33) United States of America	(54) SCORE DISPLAYING METHOD AND
(73) GWS Technology Co., Ltd.	(51) G09G 3/20	COMPUTER PROGRAM
(72) LIN, Yi	G09G 3/36	(73) YAMAHA CORPORATION
(31) 201310011178	G09G 3/34	(72) Uemura, Norihiro
(32) 11.01.2013	(11) EP2983167	Tamura, Motoichi
(33) China	(21) EP15180270.9	Umeyama, Yasuyuki
(51) G09F 19/22	(47) 01.05.2019	Fujishima, Takuya
(11) EP2929525	(22) 07.08.2015	Katsumata, Yoshihiro
(21) EP13817976.7	(54) LCD DISPLAY WITH LINE	Kashiwase, Kazuki
(47) 01.05.2019	ADDRESSING BY SAMPLING AND	Nagata, Motoji
(87) IB2013058995	CONVERSION, AND DISPLAY METHOD	Maezawa, Akira
12.06.2014	(73) THALES	(31) 2014064268
(22) 30.09.2013	(72) KRETZ, Thierry	2015038924
(54) A METHOD OF MANUFACTURING	GOMEZ, Gérard	(32) 26.03.2014
A DISPLAY PANEL, SAID DISPLAY	LEBRUN, Hugues	27.02.2015
PANEL BEING OPERABLE TO ENABLE	(31) 1401822	(33) Japan
CONTENT TO BE DISPLAYED ON A	(32) 08.08.2014	Japan
STEP OF AN ESCALATOR	(33) France	(51) G10H 1/00
(73) Motion Icon (Proprietary) Limited	(51) G09G 3/32	G10H 1/38
(72) DAWS, Nigel, John	(11) EP2960894	(11) EP3023977
(31) 201209208	(21) EP14195405.7	(21) EP15185463.5
(32) 06.12.2012	(47) 01.05.2019	(47) 01.05.2019
(33) South Africa	(22) 28.11.2014	(22) 16.09.2015
(51) G09G 3/20	(54) Organic light emitting display for	(54) AUTOMATIC COMPOSITION
G09G 3/32	compensating for variations in electrical	APPARATUS AND AUTOMATIC
(11) EP2624243	characteristics of driving element	COMPOSITION METHOD
(21) EP13153887.8	(73) LG Display Co., Ltd.	(73) CASIO COMPUTER CO., LTD.
(47) 01.05.2019	(72) Kim, Taegung	(72) MINAMITAKA, Junichi
(22) 04.02.2013	Kim, Junghyeon	(31) 2014235236
(54) Driving system for active-matrix displays	Yoon, Jinhan	(32) 20.11.2014
(73) Ignis Innovation Inc.	(31) 20140079255	(33) Japan
(72) Li, Kongning	(32) 26.06.2014	(51) G10H 1/46
Gupta, Vasudha	(33) Korea (Republic)	H04H 60/04
Chaji, Gholamreza	(51) G09G 3/32	H04R 29/00
Nathan, Arokia	(11) EP2863380	(11) EP2579247
(31) 201213365391	(21) EP14183495.2	(21) EP12186430.0
(32) 03.02.2012	(47) 01.05.2019	(47) 01.05.2019
(33) United States of America	(22) 04.09.2014	(22) 27.09.2012
(51) G09G 3/20	(54) Pixel driving circuit and display device	(54) Methods and systems for measuring
G09G 3/32	(73) EverDisplay Optronics (Shanghai) Limited	and reporting an energy level of a sound
(11) EP3038083	(72) Tseng, Yinghsiang	component within a sound mix
(21) EP15178299.2	Lee, Chinghung	(73) Harman International Industries, Inc.
(47) 01.05.2019	(31) 201310496478	(72) Kirsch, James
(22) 24.07.2015	(32) 21.10.2013	Rao, Harsha Inna Kedage
(54) ORGANIC LIGHT EMITTING DIODE	(33) China	(31) 201113200798
DISPLAY AND METHOD FOR DRIVING	(51) G09G 3/32	(32) 30.09.2011
THE SAME		(33) United States of America

(51) G10K 15/02 G06F 13/00	(11) EP3285255	G10L 19/02
(11) EP2693428	(21) EP17191505.1	(11) EP2959482
(21) EP11862358.6	(47) 01.05.2019	(21) EP14706529.6
(47) 01.05.2019	(22) 27.10.2014	(47) 01.05.2019
(87) JP2011072511 04.10.2012	(54) AUDIO DECODER AND METHOD FOR PROVIDING A DECODED AUDIO INFORMATION USING AN ERROR CONCEALMENT BASED ON A TIME DOMAIN EXCITATION SIGNAL	(87) EP2014053293 28.08.2014
(22) 30.09.2011	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	(22) 20.02.2014
(54) NETWORK AV RECEIVER DEVICE	(72) Lecomte, Jérémie	(54) APPARATUS AND METHOD FOR ENCODING OR DECODING AN AUDIO SIGNAL USING A TRANSIENT- LOCATION DEPENDENT OVERLAP
(73) D&M Holdings, Inc.	Markovic, Goran	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) IMAHAMA, Yoshiharu	Schnabel, Michael	(72) HELMRICH, Christian
(31) 2011077056	Pietrzyk, Grzegorz	LECOMTE, Jérémie
(32) 31.03.2011	(31) 13191133	MARKOVIC, Goran
(33) Japan	14178824	SCHNELL, Markus
(51) G10L 19/00	(32) 31.10.2013	EDLER, Bernd
(11) EP2245621	28.07.2014	REUSCHL, Stefan
(21) EP09711908.5	(33) European Patent Office (EPO)	(31) 201361767115 P
(47) 01.05.2019	European Patent Office (EPO)	(32) 20.02.2013
(87) EP2009051118 27.08.2009	(51) G10L 19/008	(33) United States of America
(22) 02.02.2009	G10L 19/24	(51) G10L 19/18
(54) METHOD AND MEANS FOR ENCODING BACKGROUND NOISE INFORMATION	(11) EP3120352	G10L 19/02
(73) Unify GmbH & Co. KG	(21) EP15715180.4	G10L 19/028
(72) TADDEI, Herve	(47) 01.05.2019	G10L 19/04
SCHANDL, Stefan	(87) EP2015055916	G10L 19/24
SETIAWAN, Panji	24.09.2015	G10L 21/038
(31) 102008009719	(22) 20.03.2015	(11) EP3175451
(32) 19.02.2008	(54) METHOD FOR COMPRESSING A HIGHER ORDER AMBISONICS (HOA) SIGNAL, METHOD FOR DECOMPRESSING A COMPRESSED HOA SIGNAL, APPARATUS FOR COMPRESSING A HOA SIGNAL, AND APPARATUS FOR DECOMPRESSING A COMPRESSED HOA SIGNAL	(21) EP15741221.4
(33) Germany	(73) Dolby International AB	(47) 01.05.2019
(51) G10L 19/00	(72) KORDON, Sven	(87) EP2015067005 04.02.2016
G10L 19/08	KRUEGER, Alexander	(22) 24.07.2015
G11B 20/10	WUEBBOLT, Oliver	(54) AUDIO CODING IN THE FREQUENCY AND TIME DOMAINS USING A CROSS PROCESSOR FOR CONTINUOUS INITIALIZATION
H04S 3/00	(31) 14305412	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(11) EP2084703	(32) 21.03.2014	(72) DISCH, Sascha
(21) EP07833119.6	(33) European Patent Office (EPO)	DIETZ, Martin
(47) 01.05.2019	(51) G10L 19/008	MULTRUS, Markus
(87) KR2007004805	G10L 19/24	FUCHS, Guillaume
03.04.2008	(11) EP3120353	RAVELLI, Emmanuel
(22) 01.10.2007	(21) EP15715181.2	NEUSINGER, Matthias
(54) APPARATUS FOR PROCESSING MIX SIGNAL AND METHOD THEREOF	(47) 01.05.2019	SCHNELL, Markus
(73) LG Electronics Inc.	(87) EP2015055917	SCHUBERT, Benjamin
(72) OH, Hyen O	24.09.2015	GRILL, Bernhard
JUNG, Yang Won	(22) 20.03.2015	(31) 14178819
YOON, Sung Yong	(54) METHOD FOR COMPRESSING A HIGHER ORDER AMBISONICS (HOA) SIGNAL, METHOD FOR DECOMPRESSING A COMPRESSED HOA SIGNAL, APPARATUS FOR COMPRESSING A HOA SIGNAL, AND APPARATUS FOR DECOMPRESSING A COMPRESSED HOA SIGNAL	(32) 28.07.2014
(31) 848218 P	(73) Dolby International AB	(33) European Patent Office (EPO)
829233 P	(72) KORDON, Sven	(51) G10L 19/22
829350 P	KRUEGER, Alexander	G10L 19/008
868304 P	WUEBBOLT, Oliver	(11) EP3298606
885742 P	(31) 14305413	(21) EP16724395.5
894162 P	(32) 21.03.2014	(47) 01.05.2019
(32) 29.09.2006	(33) European Patent Office (EPO)	(87) EP2016061245 24.11.2016
12.10.2006	(51) G10L 19/022	(22) 19.05.2016
13.10.2006	(73) Dolby International AB	(54) CODING OF MULTI-CHANNEL AUDIO SIGNALS
01.12.2006	(72) KORDON, Sven	(73) Telefonaktiebolaget LM Ericsson (PUBL)
19.01.2007	KRUEGER, Alexander	(72) POBLOTH, Harald
09.03.2007	WUEBBOLT, Oliver	BRUHN, Stefan
(33) United States of America	(31) 14305413	(31) 201562164141 P
United States of America	(32) 21.03.2014	(32) 20.05.2015
United States of America	(33) European Patent Office (EPO)	(33) United States of America
United States of America	(51) G10L 19/022	
United States of America		
United States of America		

(51) G10L 21/02 G10L 21/0272	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	(32) 07.01.2005 (33) Korea (Republic)
(11) EP3281194	(72) DISCH, Sascha	(51) G11B 27/10
(21) EP16714898.0	NAGEL, Frederik	G06F 17/30
(47) 01.05.2019	RETTELBACH, Nikolaus	G11B 27/32
(87) EP2016057541	MULTRUS, Markus	H04N 9/82
13.10.2016	FUCHS, Guillaume	(11) EP2093767
(22) 06.04.2016	(31) 35317 P	(21) EP09162596.2
(54) METHOD FOR PERFORMING	(32) 10.03.2008	(47) 01.05.2019
AUDIO RESTAURATION, AND	(33) United States of America	(22) 06.01.2006
APPARATUS FOR PERFORMING AUDIO	(51) G10L 25/78	(54) Reproduction method from storage medium
RESTAURATION	G10L 25/93	storing metadata for providing enhanced
(73) Dolby International AB	(11) EP3252771	search function
(72) BILEN, Cagdas	(21) EP17174901.3	(73) Samsung Electronics Co., Ltd.
OZEROV, Alexey	(47) 01.05.2019	(72) Chun, Hye-Jeong
PEREZ, Patrick	(22) 24.12.2010	Park, Sung-Wook
(31) 15305537	(54) A METHOD AND AN APPARATUS FOR	(31) 20050001749
15306212	PERFORMING A VOICE ACTIVITY	20050108532
15306424	DETECTION	(32) 07.01.2005
(32) 10.04.2015	(73) Huawei Technologies Co., Ltd.	14.11.2005
24.07.2015	(72) WANG, Zhe	(33) Korea (Republic)
16.09.2015	(51) G11B 7/1353	Korea (Republic)
(33) European Patent Office (EPO)	G11B 7/1392	(51) G11B 27/10
European Patent Office (EPO)	(11) EP2923356	G11B 27/34
European Patent Office (EPO)	(21) EP13777463.4	G06Q 30/02
(51) G10L 21/0272	(47) 01.05.2019	(11) EP2312585
(11) EP3257044	(87) US2013063973	(21) EP10187468.3
(21) EP16706957.4	30.05.2014	(47) 01.05.2019
(47) 01.05.2019	(22) 09.10.2013	(22) 13.10.2010
(87) US2016017681	(54) OPTICAL TAPE PICK UP UNIT WITH	(54) Method for facilitating online interactions
18.08.2016	HOLOGRAPHIC OPTICAL ELEMENT	initiated using optical disc players
(22) 12.02.2016	(73) Oracle International Corporation	(73) Sony Corporation
(54) AUDIO SOURCE SEPARATION	(72) WILSON, Scott D.	Sony DADC US Inc.
(73) Dolby Laboratories Licensing Corporation	(31) 201213682915	(72) Insepov, Timur
(72) WANG, Jun	(32) 21.11.2012	Stewart, Russell Brian
MCGRATH, David S.	(33) United States of America	(31) 252080 P
(31) 201510082792	(51) G11B 17/28	706896
201562136849 P	G11B 15/68	(32) 15.10.2009
(32) 15.02.2015	G11B 17/22	17.02.2010
23.03.2015	(11) EP2983172	(33) United States of America
(33) China	(21) EP14778117.3	United States of America
United States of America	(47) 01.05.2019	(51) G11B 27/34
(51) G10L 21/0388	(87) JP2014053612	G06F 3/0488
G10L 25/90	09.10.2014	G06F 3/0484
(11) EP2620941	(22) 17.02.2014	G06F 3/0486
(21) EP13164569.9	(54) RECORDING MEDIUM CHANGER AND	G11B 27/034
(47) 01.05.2019	CONTROL METHOD	(11) EP2701153
(22) 15.01.2010	(73) Sony Corporation	(21) EP13180317.3
(54) Cross product enhanced harmonic	(72) NONAKA, Wataru	(47) 01.05.2019
transposition	SHIMIZU, Osamu	(22) 14.08.2013
(73) Dolby International AB	NOGUCHI, Hideaki	(54) Electronic device for merging and sharing
(72) Villemoes, Lars	(31) 2013079869	images and method thereof
Hedelin, Per	(32) 05.04.2013	(73) Samsung Electronics Co., Ltd
(31) 145223 P	(33) Japan	(72) Kim, Geon-Soo
(32) 16.01.2009	(51) G11B 27/10	(31) 20120092658
(33) United States of America	G06F 17/30	(32) 23.08.2012
(51) G10L 21/04	(11) EP2234111	(33) Korea (Republic)
G10L 19/025	(21) EP10169530.2	(51) G11B 33/12
(11) EP2250643	(47) 01.05.2019	G11B 33/14
(21) EP09719651.3	(22) 06.01.2006	H05K 7/20
(47) 01.05.2019	(54) METHOD FOR REPRODUCING	(11) EP3217404
(87) EP2009001108	STORAGE MEDIUM THAT STORES	(21) EP17157583.0
17.09.2009	METADATA FOR PROVIDING	(47) 01.05.2019
(22) 17.02.2009	ENHANCED SEARCH FUNCTION	(22) 23.02.2017
(54) DEVICE AND METHOD FOR	(73) Samsung Electronics Co., Ltd.	(54) DIFFERENT HDD GAP ARCHITECTURE
MANIPULATING AN AUDIO SIGNAL	(72) Chun, Hye-Jeong	TO REDUCE UPSTREAM PREHEAT FOR
HAVING A TRANSIENT EVENT	Park, Sung-wook	HIGH-DENSITY STORAGE
	(31) 20050001749	(73) Quanta Computer Inc.

<p>(72) CHEN, Chao-Jung CHEN, Yi-Chieh CHEN, Jen-Mao CHANG, Wei-Chun (31) 201615063901 (32) 08.03.2016 (33) United States of America</p> <hr/> <p>(51) G11C 8/10 G11C 8/06 G11C 8/08 G11C 5/14 (11) EP3271919 (21) EP16714646.3 (47) 01.05.2019 (87) US2016022593 22.09.2016 (22) 16.03.2016 (54) HIGH-SPEED WORD LINE DECODER AND LEVEL-SHIFTER (73) Qualcomm Incorporated (72) JUNG, Chulmin CHEN, Po-Hung LI, David YOON, Sei Seung (31) 201562133840 P 201615070963 (32) 16.03.2015 15.03.2016 (33) United States of America United States of America</p> <hr/> <p>(51) G11C 13/02 G11C 7/10 (11) EP3161832 (21) EP15812283.8 (47) 01.05.2019 (87) US2015030585 30.12.2015 (22) 13.05.2015 (54) REFERENCE ARCHITECTURE IN A CROSS-POINT MEMORY (73) Intel Corporation (72) SRINIVASAN, Balaji RIVERS, Doyle KAU, Derchang GOLDMAN, Matthew (31) 201414313695 (32) 24.06.2014 (33) United States of America</p> <hr/> <p>(51) G11C 16/04 G11C 16/34 G11C 11/56 (11) EP2973583 (21) EP14720404.4 (47) 01.05.2019 (87) US2014029414 25.09.2014 (22) 14.03.2014 (54) NON-VOLATILE MEMORY PROGRAM ALGORITHM DEVICE AND METHOD (73) Silicon Storage Technology Inc. (72) LIU, Xian CHENG, James BAVINOV, Dmitry KOTOV, Alexander YOO, Jong-Won (31) 201361785485 P (32) 14.03.2013 (33) United States of America</p> <hr/>	<p>(51) G11C 16/28 G11C 16/26 G11C 16/30 G11C 7/06 G11C 7/08 G11C 7/22 G11C 7/14 G11C 17/12 G11C 11/00 G11C 29/50 (11) EP2823486 (21) EP13708636.9 (47) 01.05.2019 (87) US2013028517 12.09.2013 (22) 01.03.2013 (54) VOLTAGE MODE SENSING FOR LOW POWER FLASH MEMORY (73) Medtronic Inc. (72) WALSH, Kevin K. PATTERSON, Paul B. BENTON, Glen W. WILKINSON, Jeffrey D. (31) 201261607992 P 201213665409 (32) 07.03.2012 31.10.2012 (33) United States of America United States of America</p> <hr/> <p>(51) G16B 20/10 G16B 30/10 (11) EP3163481 (21) EP15812344.8 (47) 01.05.2019 (87) JP2015068277 30.12.2015 (22) 24.06.2015 (54) DEVICE, METHOD AND PROGRAM FOR PREDICTING MUTANT CAPABLE OF THERMALLY STABILIZING MEMBRANE PROTEIN (73) Japan Science and Technology Agency (72) MURATA, Takeshi KINOSHITA, Masahiro YASUDA, Satoshi TAKAMUKU, Yuuki MIZUTANI, Kenji SUZUKI, Nanao KAJIWARA, Yuta (31) 2014130560 (32) 25.06.2014 (33) Japan</p> <hr/> <p>(51) G16H 10/60 G16H 50/70 G16H 10/40 G06F 19/00 (11) EP2427103 (21) EP10772754.7 (47) 01.05.2019 (87) US2010033695 11.11.2010 (22) 05.05.2010 (54) SYSTEM AND METHOD FOR RAPID ASSESSMENT OF LAB VALUE DISTRIBUTIONS (73) OptumInsight, Inc. (72) ANDERSON, David, R. (31) 175538 P</p> <hr/>	<p>(32) 05.05.2009 (33) United States of America</p> <hr/> <p>(51) G16H 20/17 A61M 5/168 (11) EP2195758 (21) EP08804949.9 (47) 01.05.2019 (87) EP2008063125 16.04.2009 (22) 01.10.2008 (54) CONVEYOR APPARATUS AND METHOD FOR SUPPLYING A MEDICINE-SOLUTION MIXTURE (73) B. Braun Melsungen AG (72) LAUER, Hans-Martin WUFKA, Matthias HÖRNIG, Sebastian RÖTHLEIN, Doris (31) 102007047353 (32) 02.10.2007 (33) Germany</p> <hr/> <p>(51) G16H 30/20 (11) EP2321752 (21) EP09785393.1 (47) 01.05.2019 (87) GB2009050919 28.01.2010 (22) 24.07.2009 (54) IMAGE DATA MANAGEMENT SYSTEMS (73) IXICO Technologies Limited (72) HILL, Derek, Lionel, Glendon MCLEISH, Kate HAJNAL, Joseph, Vilmos JAMIL, Shahid AUSTIN, Mark, Robert (31) 0813666 (32) 25.07.2008 (33) United Kingdom</p> <hr/> <p>(51) G16H 40/40 (11) EP3320465 (21) EP16744322.5 (47) 01.05.2019 (87) EP2016066154 12.01.2017 (22) 07.07.2016 (54) METHOD FOR MONITORING A MEDICAL DEVICE (73) Brighter AB (Publ) (72) SJÖSTEDT, Truls (31) 1550988 (32) 07.07.2015 (33) Sweden</p> <hr/> <p>(51) G16H 40/40 G16H 40/63 G16H 40/67 (11) EP3287916 (21) EP16185965.7 (47) 01.05.2019 (22) 26.08.2016 (54) METHOD AND SYSTEM FOR CONTROL OF ELECTROMECHANICAL MEDICAL DEVICES (73) SAP SE (72) Mietke, Sebastian</p> <hr/> <p>(51) G16H 40/60 (11) EP2255309</p>
--	---	--

(21) EP09714958.7	(31) 144893 P	(54) METHOD FOR IN-CORE
(47) 01.05.2019	(32) 15.01.2009	INSTRUMENTATION WITHDRAWAL
(87) IB2009050413	(33) United States of America	FROM THE CORE OF A PRESSURIZED
03.09.2009	(51) G21B 1/19	WATER REACTOR
(22) 02.02.2009	H05H 3/06	(73) Westinghouse Electric Company Llc
(54) ZOOM PANE FOR A CENTRAL	H05H 6/00	(72) POMIRLEANU, Radu O.
MONITORING DEVICE	(11) EP3329492	HARKNESS, Alexander W.
(73) Koninklijke Philips N.V.	(21) EP16742291.4	(31) 201414461555
(72) ZHENG, Chuan	(47) 01.05.2019	(32) 18.08.2014
MESCHISEN, Kathleen, R.	(87) EP2016067510	(33) United States of America
(31) 31372	09.02.2017	(51) G21F 1/12
(32) 26.02.2008	(22) 22.07.2016	H01L 31/041
(33) United States of America	(54) DEVICE AND METHOD FOR	(11) EP2682947
(51) G16H 40/63	GENERATING NEUTRONS	(21) EP13174806.3
G16H 20/13	(73) Neusca SAS	(47) 01.05.2019
G16H 20/17	(72) MOFAKHAMI, Arash	(22) 02.07.2013
(11) EP2286358	(31) 1557374	(54) Radiation stable shield
(21) EP09718975.7	(32) 31.07.2015	(73) Qioptiq Limited
(47) 01.05.2019	(33) France	(72) Gray, Andy
(87) US2009035366	(51) G21B 3/00	(31) 201212141
17.09.2009	(11) EP3023991	(32) 06.07.2012
(22) 27.02.2009	(21) EP14825637.3	(33) United Kingdom
(54) POWER INJECTOR WITH HELP	(47) 01.05.2019	(51) G21F 9/06
FUNCTIONALITY	(87) JP2014069198	A62D 3/00
(73) Liebel-Flarsheim Company LLC	22.01.2015	C02F 1/42
(72) HUMENIUK, David, P.	(22) 18.07.2014	C02F 1/66
(31) 35518 P	(54) HEATING DEVICE, AND HEATING	C02F 1/72
(32) 11.03.2008	METHOD	G21F 9/12
(33) United States of America	(73) Hydrogen Engineering Application&	G21F 9/14
(51) G16H 40/63	Development Company	G21F 9/20
G16H 40/67	Clean Planet Inc.	C02F 101/00
(11) EP3049781	(72) MIZUNO Tadahiko	(11) EP2502235
(21) EP14848170.8	(31) 2013148987	(21) EP10831221.6
(47) 01.05.2019	2014053445	(47) 01.05.2019
(87) US2014057852	(32) 18.07.2013	(87) IB2010003042
02.04.2015	17.03.2014	26.05.2011
(22) 26.09.2014	(33) Japan	(22) 12.11.2010
(54) PERSONAL IMPACT MONITORING	Japan	(54) DISPOSAL AND DECONTAMINATION
SYSTEM	(51) G21C 1/03	OF RADIOACTIVE POLYVINYL
(73) Ii Sensortech, Inc.	G21C 1/32	ALCOHOL PRODUCTS
(72) CALCANO, Lawrence V.	G21C 5/02	(73) Hana Inspection & Engineering Co., Ltd
BROWN, David Thomas	(11) EP3271923	(72) KIM, Jin-kil
GENAU, Christopher C.	(21) EP16719133.7	LEE, Ui-dong
SNYDER, David Ernest	(47) 01.05.2019	KIM, Hyun-ki
STEARNS, James M.	(87) IB2016051503	HONG, Seong-jun
RONALD, Brian Michael	22.09.2016	(31) 20100020017
HARPER, Jesse David	(22) 17.03.2016	20090111039
HARRIS, John F.	(54) NUCLEAR REACTOR, IN PARTICULAR	(32) 05.03.2010
(31) 201361883108 P	LIQUID-METAL-COOLED COMPACT	17.11.2009
201462035298 P	NUCLEAR REACTOR	(33) Korea (Republic)
(32) 26.09.2013	(73) Hydromine Nuclear Energy S.A.R.L.	Korea (Republic)
08.08.2014	(72) CINOTTI, Luciano	(51) G21K 1/04
(33) United States of America	(31) GE20150036	A61B 6/14
United States of America	(32) 19.03.2015	(11) EP3226250
(51) G16H 50/50	(33) Italy	(21) EP17163214.4
(11) EP2387760	(51) G21C 17/116	(47) 01.05.2019
(21) EP10700786.6	G21C 19/20	(22) 28.03.2017
(47) 01.05.2019	G21C 13/02	(54) BEAM-LIMITING DEVICE FOR
(87) US2010020985	G21C 5/10	RADIOGRAPHIC APPARATUSES AND
22.07.2010	G21C 19/19	METHOD FOR LIMITING THE BEAM
(22) 14.01.2010	G21C 1/32	(73) CEFLA SOCIETA' COOPERATIVA
(54) INTERACTIVE SIMULATION OF	(11) EP3183734	(72) RIGHINI, DARIO
BIOLOGICAL TISSUE	(21) EP15833762.6	SALSINI, SERGIO
(73) SimQuest LLC	(47) 01.05.2019	SCIARRA, FRANCESCO
(72) MEGLAN, Dwight	(87) US2015035025	(31) UA20162102
DVORNIK, Albert	25.02.2016	(32) 30.03.2016
LENOIR, Julien	(22) 10.06.2015	(33) Italy
SHERMAN, Paul		(51) H01B 1/08

C04B 35/00	C23C 14/08	STANLEY, Charles L.
C04B 35/453	H01B 13/00	FERSAN, Semaan
C23C 14/08	H01F 6/06	VENUTO, Nicholas A.
C23C 14/34	H01L 39/24	NICKERSON, Scott
H01B 5/14	(11) EP3089172	(31) 201313799070
(11) EP3210952	(21) EP14874229.9	(32) 13.03.2013
(21) EP16755599.4	(47) 01.05.2019	(33) United States of America
(47) 01.05.2019	(87) JP2014084089	(51) H01C 7/02
(87) JP2016055554	02.07.2015	H01C 1/14
01.09.2016	(22) 24.12.2014	H01C 1/032
(22) 25.02.2016	(54) OXIDE SUPERCONDUCTING	G01K 1/16
(54) OXIDE SINTERED COMPACT, OXIDE	WIRE MATERIAL AND OXIDE	G01K 7/22
SPUTTERING TARGET, AND OXIDE	SUPERCONDUCTING WIRE MATERIAL	H01C 1/02
THIN FILM	MANUFACTURING METHOD	H01C 1/01
(73) JX Nippon Mining & Metals Corporation	(73) Fujikura Ltd.	(11) EP2365492
(72) NARA Atsushi	(72) KURIHARA Chihaya	(21) EP09824857.8
SEKI Hideto	NAKAMURA Naonori	(47) 01.05.2019
(31) 2015038572	(31) 2013267921	(87) JP2009068999
(32) 27.02.2015	(32) 25.12.2013	14.05.2010
(33) Japan	(33) Japan	(22) 06.11.2009
(51) H01B 5/08	(51) H01B 13/00	(54) PTC DEVICE
H01C 17/24	H01B 13/14	(73) Littelfuse Japan G.K.
H01C 17/245	(11) EP2993670	(72) HARATO, Kenji
H01C 17/242	(21) EP14306378.2	TANAKA, Arata
H01C 3/06	(47) 01.05.2019	(31) 2008286737
H01C 17/02	(22) 08.09.2014	(32) 07.11.2008
(11) EP2678868	(54) Method for providing an insulated electric dc	(33) Japan
(21) EP12750060.1	cable or dc termination or joint	(51) H01F 1/34
(47) 01.05.2019	(73) Nexans	H01F 41/02
(87) US2012026052	(72) Huuva, Ramona	C04B 35/26
30.08.2012	Lervik, Lars	C04B 35/626
(22) 22.02.2012	Lundegaard, Liv Molvik	C04B 35/645
(54) TUNABLE RESISTANCE CONDUCTIVE	(51) H01B 13/00	(11) EP3002266
INK CIRCUIT	H01B 13/14	(21) EP15187687.7
(73) Miraco, Inc.	H01B 3/30	(47) 01.05.2019
(72) BULMER, Douglas, R.	H01B 3/42	(22) 30.09.2015
MURPHY, Davis	H01B 7/02	(54) MODIFIED Z-TYPE HEXAGONAL
ROBERTS, Jonathan	(11) EP3394861	FERRITE MATERIALS WITH
(31) 201161445862 P	(21) EP17711216.6	ENHANCED RESONANT FREQUENCY
(32) 23.02.2011	(47) 01.05.2019	(73) Skyworks Solutions, Inc.
(33) United States of America	(87) EP2017056489	(72) HILL, Michael David
(51) H01B 7/295	05.10.2017	(31) 201462057827 P
F16L 9/19	(22) 20.03.2017	201514804588
E21B 33/038	(54) INSULATED ELECTRICAL	(32) 30.09.2014
(11) EP2294587	CONDUCTOR	21.07.2015
(21) EP09755269.9	(73) Gebauer & Griller Metallwerk GmbH	(33) United States of America
(47) 01.05.2019	(72) HOCHSTÖGER, Jürgen	United States of America
(87) US2009003285	SCHRAYVOGEL, Rudolf	(51) H01F 6/00
03.12.2009	KOPPENSTEINER, Ewald	(11) EP3033754
(22) 29.05.2009	(31) 16163536	(21) EP14761964.7
(54) POWER UMBILICAL	(32) 01.04.2016	(47) 01.05.2019
(73) Technip France	(33) European Patent Office (EPO)	(87) EP2014067485
(72) MADDEN, Dave	(51) H01B 17/56	19.02.2015
(31) 57543	H01B 12/00	(22) 15.08.2014
(32) 30.05.2008	H01L 39/16	(54) DEVICE FOR A CURRENT LIMITER
(33) United States of America	H01B 17/58	AND A CURRENT LIMITER
(51) H01B 9/00	H02G 15/34	COMPRISING SAID DEVICE
H04L 12/10	(11) EP2973617	(73) Rolls-Royce plc
(11) EP3327732	(21) EP14772977.6	(72) KLAUS, David William
(21) EP16200293.5	(47) 01.05.2019	WILSON, Adrian
(47) 01.05.2019	(87) US2014023979	(31) 13180660
(22) 23.11.2016	02.10.2014	(32) 16.08.2013
(54) HYBRID CABLE AND ASSOCIATED	(22) 12.03.2014	(33) European Patent Office (EPO)
COMMUNICATION SYSTEM	(54) HIGH VOLTAGE BUSHING FOR	(51) H01F 7/06
(73) Hexatron Group AB	CRYOGENIC APPLICATIONS	H05H 1/12
(72) Lo Curzio, Peter	(73) Varian Semiconductor Equipment	H01F 5/04
Andersson, Karl-Ove	Associates, Inc.	H05H 15/00
(51) H01B 12/06	(72) TEKLETSADIK, Kasegn D.	(11) EP2761630

(21) EP12837370.1	H01G 11/16	(73) Logicdata Electronic&Software
(47) 01.05.2019	H02H 3/02	Entwicklungs GmbH
(87) US2012057377	H01G 9/00	(72) LUKAS, Stefan
04.04.2013	H01G 4/38	KOCH, Walter
(22) 26.09.2012	(11) EP3320552	(31) 102011102439
(54) SOLENOID DONUT	(21) EP15759715.4	(32) 24.05.2011
(73) Ross, Owen Venmore	(47) 01.05.2019	(33) Germany
(72) Ross, Owen Venmore	(87) EP2015069769	<hr/>
(31) 201161626403 P	09.03.2017	(51) H01H 9/54
(32) 26.09.2011	(22) 28.08.2015	H01H 33/59
(33) United States of America	(54) CAPACITOR AGGREGATE, HIGH	(11) EP3210226
<hr/>	VOLTAGE DIRECT CURRENT	(21) EP15756858.5
(51) H01F 7/127	TRANSMISSION	(47) 01.05.2019
H01F 7/128	(73) Siemens Aktiengesellschaft	(87) EP2015068590
H01F 27/22	(72) WIETZEL, Stephan	28.04.2016
(11) EP2947665	<hr/>	(22) 12.08.2015
(21) EP15160697.7	(51) H01G 5/18	(54) DISCONNECTOR FOR GALVANIC
(47) 01.05.2019	H01H 59/00	DIRECT CURRENT INTERRUPTION
(22) 25.03.2015	(11) EP2878003	(73) Ellenberger & Poensgen GmbH
(54) ELECTROMAGNETIC VALVE	(21) EP12805842.7	(72) WILKENING, Ernst-Dieter
(73) MITSUBISHI HEAVY INDUSTRIES, LTD.	(47) 01.05.2019	KÖPF, Hendrik-Christian
(72) Takeda, Katsuhiko	(87) US2012067002	BÖSCHE, Dirk
Matsuo, Takeshi	30.01.2014	(31) 102014015643
Shimizu, Masayuki	(22) 29.11.2012	(32) 24.10.2014
Masuda, Toyotsugu	(54) SWITCHABLE CAPACITOR	(33) Germany
(31) 2014105950	(73) Raytheon Company	<hr/>
(32) 22.05.2014	(72) MORRIS, Francis, J.	(51) H01H 9/56
(33) Japan	MOODY, Cody, B.	H01H 50/00
<hr/>	MALCZEWSKI, Andrew	H01H 50/14
(51) H01G 4/32	(31) 201213556273	H01H 50/16
H02M 7/48	(32) 24.07.2012	H01H 50/54
H01G 4/28	(33) United States of America	H01H 50/04
H01G 4/38	<hr/>	(11) EP3018677
H01G 4/14	(51) H01G 11/26	(21) EP15193378.5
H02M 7/00	H01G 11/36	(47) 01.05.2019
H05K 7/14	H01G 11/24	(22) 06.11.2015
(11) EP2351058	H01G 11/30	(54) SINGLE POLE, SINGLE CURRENT PATH
(21) EP09823136.8	H01G 11/86	SWITCHING SYSTEM AND METHOD
(47) 01.05.2019	H01G 11/28	(73) Rockwell Automation Technologies, Inc.
(87) IB2009005434	H01G 11/68	(72) BOCK, Christopher H.
06.05.2010	H01G 11/84	WIELOCH, Christopher J.
(22) 02.03.2009	(11) EP2783374	KINSELLA, James J.
(54) ANNULAR CAPACITOR WITH POWER	(21) EP13829494.7	DZIEKONSKI, Stefan T.
CONVERSION COMPONENTS	(47) 01.05.2019	(31) 201462076392 P
(73) Sawyer, Ed	(87) US2013045215	201514832698
Hosking, Terry	20.02.2014	(32) 06.11.2014
(72) HOSKING, Terry	(22) 11.06.2013	21.08.2015
(31) 807310	(54) STRUCTURE FOR ENERGY	(33) United States of America
(32) 30.10.2008	STORAGE DEVICE WITH POROUS	United States of America
(33) United States of America	POLYCRYSTALLINE SUBSTRATE AND	<hr/>
<hr/>	METHOD FOR CONSTRUCTING AN	(51) H01H 13/22
(51) H01G 4/38	ENERGY STORAGE DEVICE	H02K 7/06
H01G 2/14	(73) Intel Corporation	G05G 1/02
H01G 4/40	(72) HANNAH, Eric C.	H05B 37/02
H01G 4/228	(31) 201213584488	H02K 35/02
H01F 5/02	(32) 13.08.2012	H01H 13/02
H01G 4/224	(33) United States of America	(11) EP3333868
H01F 37/00	<hr/>	(21) EP17198108.7
H01F 27/28	(51) H01H 9/02	(47) 01.05.2019
H01G 4/015	A47C 31/00	(22) 24.10.2017
(11) EP3346478	H01H 47/00	(54) WIRELESS SWITCH
(21) EP17150678.5	(11) EP2715755	(73) OMRON Corporation
(47) 01.05.2019	(21) EP12726602.1	(72) MARUMO, Katsuya
(22) 09.01.2017	(47) 01.05.2019	TAMURA, Ken
(54) CAPACITOR SYSTEM AND SUBSEA	(87) EP2012059626	TSUKIMORI, Kazuyuki
ELECTRICAL SYSTEM COMPRISING IT	29.11.2012	SHIINO, Hiroshi
(73) Siemens Aktiengesellschaft	(22) 23.05.2012	KAWASHIMA, Yasushi
(72) Boe, Ove	(54) OPERATOR CONTROL PART FOR A	UMEKI, Hajime
<hr/>	FURNITURE CONTROL MEANS AND	OBATA, Junji
(51) H01G 4/40	AN ELECTRICALLY ADJUSTABLE ITEM	YANO, Keisuke
H01G 11/10	OF FURNITURE	(31) 2016237418
H01G 2/16		

2017047732	(72) Phay, Victor Kok Heng	(51) H01H 71/08
(32) 07.12.2016	Gao, Gifei	(11) EP3278346
13.03.2017		(21) EP16712644.0
(33) Japan	(51) H01H 47/00	(47) 01.05.2019
Japan	H03K 19/007	(87) US2016022734
(51) H01H 13/81	(11) EP3271932	06.10.2016
H01H 13/88	(21) EP16710750.7	(22) 17.03.2016
H05K 1/00	(47) 01.05.2019	(54) ELECTRICAL SWITCHING APPARATUS
(11) EP2108183	(87) EP2016055988	AND SECONDARY DISCONNECT
(21) EP07866220.2	29.09.2016	ASSEMBLY WITH CONTACT
(47) 01.05.2019	(22) 18.03.2016	ALIGNMENT FEATURES THEREFOR
(87) DE2007002322	(54) SAFETY SWITCHING DEVICE FOR	(73) Eaton Corporation
17.07.2008	FAIL-SAFE DISCONNECTING OF AN	(72) CHEN, Jianhua
(22) 20.12.2007	ELECTRICAL LOAD	ZHENG, Rong
(54) SURFACE COVERING ELEMENT,	(73) Pilz GmbH & Co. KG	ZHU, Hongfeng
ASSEMBLY OF SURFACE COVERING	(72) PULLMANN, Juergen	HE, Yaoming
ELEMENTS AND METHOD FOR	ZINSER, Christoph	RAKUS, Paul R.
PRODUCING A SURFACE COVERING	SPATARO, Antonino	(31) 201514678040
ELEMENT	GIGER, Marco	(32) 03.04.2015
(73) SensProtect GmbH	SCHWENKEL, Hans	(33) United States of America
(72) LAUTERBACH, Christl	RUPP, Roland	
STEINHAGE, Axel	(31) 102015104211	(51) H01H 71/08
(31) 102007001225	(32) 20.03.2015	H02B 11/127
(32) 08.01.2007	(33) Germany	(11) EP3278347
(33) Germany	(51) H01H 49/00	(21) EP16712678.8
(51) H01H 33/59	H01H 45/00	(47) 01.05.2019
H01H 47/32	H01H 45/04	(87) US2016023363
H02H 1/06	H05K 5/00	06.10.2016
(11) EP3147923	H01H 50/04	(22) 21.03.2016
(21) EP14892603.3	(11) EP3118878	(54) ELECTRICAL SWITCHING APPARATUS
(47) 01.05.2019	(21) EP14885534.9	AND SECONDARY DISCONNECT
(87) JP2014063664	(47) 01.05.2019	ASSEMBLY WITH TERMINAL
26.11.2015	(87) JP2014080383	RETENTION AND CORRECTION
(22) 23.05.2014	17.09.2015	FEATURES THEREFOR
(54) ELECTROMAGNET DRIVE DEVICE	(22) 17.11.2014	(73) Eaton Corporation
(73) Mitsubishi Electric Corporation	(54) ELECTRONIC DEVICE AND	(72) BOGDON, Erik R.
(72) MATSUDA, Kazuhisa	MANUFACTURING METHOD	RODGERS, Craig A.
HAYASHI, Akihiro	THEREFOR	RAKUS, Paul R.
(51) H01H 35/26	(73) Omron Corporation	WEISTER, Nathan J.
G08B 13/20	(72) TSUTSUI, Kazuhiro	(31) 201514678035
G08B 17/04	MIYAKE, Ayaka	(32) 03.04.2015
H01H 35/34	SASAKI, Jun	(33) United States of America
(11) EP2779125	VERNAROLI, Franco	(51) H01H 71/08
(21) EP14159615.5	MANGIAPELO, Fabio	H02B 11/127
(47) 01.05.2019	GRECO, Francesco	(11) EP3278348
(22) 13.03.2014	(31) 2014052384	(21) EP16712709.1
(54) Pneumatic detector integrated alarm and fault	(32) 14.03.2014	(47) 01.05.2019
switch	(33) Japan	(87) US2016023870
(73) Kidde Technologies, Inc.	(51) H01H 50/54	06.10.2016
(72) Frasure, David	H01H 1/50	(22) 24.03.2016
Wallace, Steven	H01H 1/20	(54) ELECTRICAL SWITCHING APPARATUS
Hagge, Harlan	H01H 50/56	AND SECONDARY DISCONNECT
Newlin, Scott Kenneth	H01H 1/023	ASSEMBLY WITH CRADLE ASSEMBLY
(31) 201313836675	H01H 1/0233	ALIGNMENT AND POSITIONING
(32) 15.03.2013	(11) EP2560181	FEATURES THEREFOR
(33) United States of America	(21) EP12180734.1	(73) Eaton Corporation
(51) H01H 47/00	(47) 01.05.2019	(72) CHEN, Jianhua
G01R 31/02	(22) 16.08.2012	ZHENG, Rong
G05B 9/02	(54) Meter disconnect relay	ZHU, Hongfeng
H02H 5/12	(73) Aclara Meters LLC	HE, Yaoming
H02H 3/20	(72) Bietz, Steven Lee	(31) 201514678012
(11) EP3358592	Nahar, Rathindra	(32) 03.04.2015
(21) EP17154256.6	Tomson, Bruce Joni	(33) United States of America
(47) 01.05.2019	(31) 201161525599 P	(51) H01H 71/12
(22) 01.02.2017	201113326977	H01H 83/20
(54) OUTPUT SIGNAL SWITCHING DEVICE	(32) 19.08.2011	H02H 3/08
(OSSD)	15.12.2011	H02H 1/00
(73) SICK AG	(33) United States of America	H01H 11/00
	United States of America	H02H 1/04

(11) EP3271933	(33) Germany	G21K 1/08
(21) EP16714653.9	(51) H01H 71/24	(11) EP2823501
(47) 01.05.2019	H01H 71/74	(21) EP13757604.7
(87) US2016022749	(11) EP2815415	(47) 01.05.2019
29.09.2016	(21) EP13710463.4	(87) US2013025765
(22) 17.03.2016	(47) 01.05.2019	12.09.2013
(54) ELECTRONIC TRIP UNITS POWERED	(87) FR2013050314	(22) 12.02.2013
BY CURRENT TRANSFORMERS AND	22.08.2013	(54) PLURIDIRECTIONAL VERY HIGH
CIRCUIT BREAKERS COMPRISING THE	(22) 15.02.2013	ELECTRON ENERGY RADIATION
SAME	(54) INSTANTANEOUS TRIP FOR	THERAPY SYSTEMS
(73) Eaton Corporation	ELECTRICAL APPARATUS FOR	(73) The Board of Trustees of the Leland Stanford
(72) ZHENG, Gerald	PROTECTING LINES, OF THE CIRCUIT	Junior University
ZHOU, Xin	BREAKER TYPE	(72) LOO, Billy Wiseman
LAGREE, James Leo	(73) HAGER-ELECTRO SAS	MAXIM, Peter G.
MILLER, Theodore James	(72) DECKERT, Francis	DOLGASHEV, Valery A.
WU, Bruce	LOUX, Thierry	(31) 201261606408 P
OUYANG, Sui	JELSCH, Jeremy	(32) 03.03.2012
(31) 201514663890	(31) 1251498	(33) United States of America
(32) 20.03.2015	(32) 17.02.2012	(51) H01J 37/317
(33) United States of America	(33) France	H01J 37/30
(51) H01H 71/16	(51) H01H 71/50	H01J 37/304
H01H 73/14	(11) EP2161732	B82Y 10/00
H01H 83/22	(21) EP09169262.4	B82Y 40/00
(11) EP3211654	(47) 01.05.2019	(11) EP1396873
(21) EP16199363.9	(22) 02.09.2009	(21) EP03250725.3
(47) 01.05.2019	(54) Switching mechanism for motor protection	(47) 01.05.2019
(22) 17.11.2016	circuit breaker	(22) 05.02.2003
(54) ENCLOSED TYPE ELECTROMAGNETIC	(73) LS Industrial Systems Co., Ltd	(54) Electron beam writing equipment
SWITCH HAVING STATUS INDICATION	(72) Kil, Hwan-Chang	(73) Hitachi, Ltd.
FUNCTION	(31) 20080088446	CANON KABUSHIKI KAISHA
(73) LSIS Co., Ltd.	(32) 08.09.2008	(72) Sohda, Yasunari
(72) CHOI, Jaehyuk	(33) Korea (Republic)	Nakayama, Yoshinori
(31) 20160022682	(51) H01H 73/08	Kamimura, Osamu
(32) 25.02.2016	H02B 1/06	Muraki, Masato
(33) Korea (Republic)	H02B 1/04	Takakuwa, Masaki
(51) H01H 71/24	(11) EP3038129	(31) 2002225973
H01H 71/28	(21) EP15202183.8	(32) 02.08.2002
(11) EP3332416	(47) 01.05.2019	(33) Japan
(21) EP16728842.2	(22) 22.12.2015	(51) H01J 49/00
(47) 01.05.2019	(54) PANELBOARD/CIRCUIT BREAKER	(11) EP2775509
(87) EP2016061299	BARRIER INTERFACE	(21) EP14157893.0
09.02.2017	(73) Schneider Electric USA, Inc.	(47) 01.05.2019
(22) 19.05.2016	(72) WALGENBACH, Jacob	(22) 05.03.2014
(54) CIRCUIT BREAKER	(31) 201414582145	(54) Methods and apparatus for decomposing
(73) Ellenberger & Poensgen GmbH	(32) 23.12.2014	tandem mass spectra generated by all-ions
(72) KÖPF, Hendrik-Christian	(33) United States of America	fragmentation
WILKENING, Ernst-Dieter	(51) H01H 85/175	(73) Thermo Finnigan LLC
(31) 102015214966	H01H 85/38	(72) Wright, David A.
(32) 05.08.2015	(11) EP3082147	McClure, Thomas D.
(33) Germany	(21) EP16000705.0	Athanas, Michael J.
(51) H01H 71/24	(47) 01.05.2019	(31) 201313785620
H01H 71/40	(22) 24.03.2016	(32) 05.03.2013
(11) EP3221879	(54) METHOD FOR PRODUCING A	(33) United States of America
(21) EP15797318.1	SECURING PIPE AND A HIGH-	(51) H01J 49/00
(47) 01.05.2019	VOLTAGE FUSE	H01J 49/40
(87) EP2015077020	(73) SIBA Fuses GmbH	G01N 27/62
26.05.2016	(72) Wilhelm, Dirk	(11) EP2686867
(22) 18.11.2015	Haas, Ulrich	(21) EP12716065.3
(54) CIRCUIT BREAKER COMPRISING	(31) 102015004507	(47) 01.05.2019
A PASSIVELY HEATED BIMETAL	102015006336	(87) GB2012050576
ELEMENT ACTING ON A	(32) 13.04.2015	20.09.2012
STRIKING ARMATURE OF AN	19.05.2015	(22) 15.03.2012
ELECTROMAGNETIC TRIPPING	(33) Germany	(54) M/Z TARGETED ATTENUATION ON
DEVICE	Germany	TIME OF FLIGHT INSTRUMENTS
(73) Eaton Intelligent Power Limited	(51) H01J 3/32	(73) Micromass UK Limited
(72) KATZENSTEINER, Matthias	A61N 5/10	(72) RICHARDSON, Keith
(31) 102014117034	A61B 6/00	(31) 201104292
(32) 20.11.2014		201161452772 P

(32) 15.03.2011	H01L 21/768	(22) 21.07.2009
15.03.2011	(11) EP3188218	(54) VERTICAL HEAT TREATMENT
(33) United Kingdom	(21) EP14900386.5	APPARATUS AND HEAT TREATMENT
United States of America	(47) 01.05.2019	METHOD
(51) H01J 49/06	(87) JP2014072528	(73) Shin-Etsu Handotai Co., Ltd.
(11) EP1856714	03.03.2016	(72) KOBAYASHI, Takeshi
(21) EP06717665.1	(22) 28.08.2014	(31) 2008209070
(47) 01.05.2019	(54) SEMICONDUCTOR DEVICE	(32) 14.08.2008
(87) US2006000492	MANUFACTURING METHOD	(33) Japan
20.07.2006	(73) Mitsubishi Electric Corporation	(51) H01L 21/336
(22) 05.01.2006	(72) NISHIZAWA, Koichiro	H01L 21/265
(54) METHOD AND APPARATUS FOR	KIYOI, Akira	H01L 29/78
IMPROVED SENSITIVITY IN A MASS	(51) H01L 21/304	H01L 29/04
SPECTROMETER	B24B 9/00	H01L 29/66
(73) DH Technologies Development Pte. Ltd.	H01L 21/02	H01L 29/165
(72) COLLINGS, Bruce, A.	H01L 27/12	(11) EP2302668
COVEY, Thomas, R.	(11) EP3193357	(21) EP10197264.4
GUNA, Mircea	(21) EP15839615.0	(47) 01.05.2019
JAVAHARI, Hassan	(47) 01.05.2019	(22) 05.05.2008
SCHNEIDER, Bradley, B.	(87) JP2015004130	(54) Semiconductor device having tipless epitaxial
THOMSON, Bruce A.	17.03.2016	source/drain regions
LOBODA, Alexandre, V.	(22) 19.08.2015	(73) Intel Corporation
(31) 32376	(54) METHOD FOR PROCESSING	(72) Bohr, Mark T.
315788	SEMICONDUCTOR WAFER, METHOD	(31) 748376
(32) 10.01.2005	FOR MANUFACTURING BONDED	(32) 14.05.2007
22.12.2005	WAFER, AND METHOD FOR	(33) United States of America
(33) United States of America	MANUFACTURING EPITAXIAL WAFER	(51) H01L 21/36
United States of America	(73) Shin-Etsu Handotai Co., Ltd.	H01L 31/04
(51) H01L 21/027	(72) MIYAZAWA, Yuki	H01L 31/032
G01B 11/00	KIDA, Takahiro	C23C 14/06
G01B 11/26	TAKANO, Tomofumi	C23C 14/54
G03F 7/20	(31) 2014185325	C23C 14/56
(11) EP2071611	(32) 11.09.2014	(11) EP1721339
(21) EP07806512.5	(33) Japan	(21) EP05722187.1
(47) 01.05.2019	(51) H01L 21/321	(47) 01.05.2019
(87) JP2007067039	H01L 21/768	(87) SE2005000333
06.03.2008	H01L 23/532	15.09.2005
(22) 31.08.2007	H01L 29/78	(22) 04.03.2005
(54) MOBILE BODY DRIVE SYSTEM AND	(11) EP2018662	(54) METHOD AND APPARATUS FOR IN-
MOBILE BODY DRIVE METHOD,	(21) EP07809066.9	LINE PROCESS CONTROL OF THE CIGS
PATTERN FORMATION APPARATUS	(47) 01.05.2019	PROCESS
AND METHOD, EXPOSURE	(87) US2007011377	(73) Solibro Research AB
APPARATUS AND METHOD, DEVICE	06.12.2007	(72) STOLT, Lars
MANUFACTURING METHOD, AND	(22) 11.05.2007	KESSLER, John
DECISION METHOD	(54) METHOD OF FORMING A CONTACT	(31) 0400582
(73) Nikon Corporation	METALLIZATION FOR A POWER	(32) 05.03.2004
(72) SHIBAZAKI, Yuichi	MOSFET AND CORRESPONDING	(33) Sweden
(31) 2006236783	DEVICE	(51) H01L 21/56
(32) 31.08.2006	(73) Vishay-Siliconix	H01L 21/48
(33) Japan	(72) WONG, Ronald	H01L 23/495
(51) H01L 21/28	QI, Jason	H01L 23/31
H01L 29/66	TERRILL, Kyle	(11) EP2248161
H01L 21/8238	CHEN, Kuo-In	(21) EP09731470.2
(11) EP3267472	(31) 799868 P	(47) 01.05.2019
(21) EP17179738.4	799889	(87) CN2009072030
(47) 01.05.2019	(32) 12.05.2006	10.09.2010
(22) 05.07.2017	02.05.2007	(22) 27.05.2009
(54) SEMICONDUCTOR DEVICE AND	(33) United States of America	(54) LEADLESS INTEGRATED CIRCUIT
FABRICATION METHOD THEREOF	United States of America	PACKAGE HAVING HIGH DENSITY
(73) Semiconductor Manufacturing International	(51) H01L 21/324	CONTACTS
(Shanghai) Corporation	H01L 21/22	(73) Kaixin Inc.
Semiconductor Manufacturing International	H01L 21/31	(72) LI, Tung Lok
(Beijing) Corporation	H01L 21/67	(31) 158170 P
(72) Yong, LI	(11) EP2315237	166547 P
(31) 201610531682	(21) EP09806550.1	(32) 06.03.2009
(32) 07.07.2016	(47) 01.05.2019	03.04.2009
(33) China	(87) JP2009003392	(33) United States of America
(51) H01L 21/288	18.02.2010	United States of America

(51) H01L 21/67	Japan	H01L 25/065
H01L 21/52	(51) H01L 23/28	H01L 25/16
H05K 13/02	H03H 9/10	B82Y 10/00
H01L 21/677	H03H 3/02	H01L 23/367
H01L 21/68	H03H 3/08	H01L 23/373
(11) EP2833395	H01L 21/60	H01L 23/538
(21) EP12872525.6	(11) EP1766679	H01L 29/41
(47) 01.05.2019	(21) EP04769650.5	H01L 29/06
(87) JP2012057863	(47) 01.05.2019	(11) EP3066686
03.10.2013	(87) IB2004003383	(21) EP14789901.7
(22) 27.03.2012	09.09.2005	(47) 01.05.2019
(54) DIE SUPPLY DEVICE	(22) 15.10.2004	(87) SG2014000470
(73) FUJI Corporation	(54) METHOD FOR IMPROVING HEAT	14.05.2015
(72) HOSAKA, Hideki	DISSIPATION IN ENCAPSULATED	(22) 07.10.2014
IWASE, Tomonori	ELECTRONIC COMPONENTS	(54) A GUARD STRUCTURE FOR SIGNAL
KOMIYAMA, Nobuhisa	(73) Nokia Corporation	ISOLATION AND METHOD FOR ITS
TSUGE, Kuniaki	Epcos AG	MANUFACTURE
(51) H01L 21/78	(72) TIKKA, Pasi	(73) Thales Solutions Asia Pte Ltd.
H01L 21/306	SCHMIDHAMMER, Edgar	Nanyang Technological University
H01L 21/67	HEINZE, Habbo	CNRS Centre National de la Recherche
(11) EP2701188	WELZER, Reiner	Scientifique
(21) EP13181098.8	ZIDEK, Herbert	(72) TAN, Dunlin
(47) 01.05.2019	SCHAUFELLE, Ansgar	YU, Jong Jen
(22) 20.08.2013	ELLÄ, Juha	HEE, David
(54) A method of singulating semiconductor die	(31) 769460	TAY, Beng Kang
from a semiconductor wafer	(32) 30.01.2004	BAILLARGEAT, Dominique
(73) Semiconductor Components Industries, LLC	(33) United States of America	(31) 201308325
(72) Burghout, William	(51) H01L 23/373	(32) 06.11.2013
Conner, Dennis	H01L 23/14	(33) Singapore
Seddon, Michael	(11) EP3338302	(51) H01L 25/075
Yoder, Jay	(21) EP16750791.2	H01L 33/62
(31) 201213589985	(47) 01.05.2019	H01L 33/64
(32) 20.08.2012	(87) EP2016068859	H05K 1/02
(33) United States of America	02.03.2017	F21K 9/00
(51) H01L 23/14	(22) 08.08.2016	(11) EP2256830
H01L 23/49	(54) CIRCUIT CARRIER, POWER	(21) EP09724576.5
(11) EP2445004	ELECTRONICS ASSEMBLY HAVING A	(47) 01.05.2019
(21) EP10789375.2	CIRCUIT CARRIER	(87) JP2009055517
(47) 01.05.2019	(73) Continental Automotive GmbH	01.10.2009
(87) JP2010059457	(72) MATTMANN, Erich	(22) 19.03.2009
23.12.2010	BERGMANN, Sabine	(54) SEMICONDUCTOR LIGHT EMITTING
(22) 03.06.2010	BREY, Roland	MODULE AND SEMICONDUCTOR
(54) LAMINATED WIRING BOARD	RITTSTIEG, Soeren	LIGHT EMITTING DEVICE
(73) Hamamatsu Photonics K.K.	(31) 102015216047	(73) Shimane Prefectural Government
(72) WARASHINA, Yoshihisa	(32) 21.08.2015	S.E.I. Inc.
(31) 2009144038	(33) Germany	(72) KOMATSUBARA, Satoshi
(32) 17.06.2009	(51) H01L 23/538	FUKUDA, Kenichi
(33) Japan	H01L 21/68	OTAO, Shinobu
(51) H01L 23/24	H01L 23/31	FURUTA, Toru
H01L 23/373	H01L 23/00	(31) 2008081716
H01L 23/40	H01L 21/683	(32) 26.03.2008
H01L 23/00	(11) EP2148366	(33) Japan
H01L 25/07	(21) EP09165564.7	(51) H01L 27/02
H01L 25/18	(47) 01.05.2019	H01L 29/06
H01L 23/36	(22) 15.07.2009	H01L 29/417
(11) EP2998992	(54) Device having plurality of integrated circuits	(11) EP3261120
(21) EP15191514.7	in a matrix	(21) EP16290115.1
(47) 01.05.2019	(73) Commissariat à l'Énergie Atomique et aux	(47) 01.05.2019
(22) 27.06.2012	Énergies Alternatives	(22) 24.06.2016
(54) SEMICONDUCTOR MODULE	(72) Souriau, Jean-Charles	(54) SEMICONDUCTOR SWITCH DEVICE
(73) ROHM CO., LTD.	(31) 0854944	(73) NXP B.V.
(72) HAYASHI, Kenji	(32) 21.07.2008	(72) Tesson, Olivier
HAYASHIGUCHI, Masashi	(33) France	Francois, Thomas
(31) 2011142036	(51) H01L 23/552	(51) H01L 27/146
2012033142	H01L 23/04	(11) EP3195360
(32) 27.06.2011	H05K 9/00	(21) EP15770998.1
17.02.2012	H01L 23/498	(47) 01.05.2019
(33) Japan	H01L 23/66	(87) US2015049277

24.03.2016	(47) 01.05.2019	(22) 16.08.2013
(22) 10.09.2015	(87) JP2010062929	(54) LASER POWER CONVERTER
(54) IMAGE SENSOR BENDING BY INDUCED SUBSTRATE SWELLING	03.02.2011	(73) ArianeGroup GmbH
(73) Microsoft Technology Licensing, LLC	(22) 30.07.2010	(72) SWEENEY, Stephen John
(72) MCKNIGHT, Geoffrey P.	(54) SOLAR CELL MODULE	MUKHERJEE, Jayanta
VAJO, John J.	(73) Panasonic Intellectual Property Management Co., Ltd.	(31) 201214619
GRAETZ, Jason A.	(72) TAIRA, Shigeharu	(32) 16.08.2012
(31) 201414491903	YOSHIMINE, Yukihiko	(33) United Kingdom
(32) 19.09.2014	KANNOU, Hiroyuki	(51) H01L 31/115
(33) United States of America	TABE, Tomonori	H01L 31/02
(51) H01L 27/146	(31) 2009178320	H01L 31/0224
(11) EP3190620	2010124428	H01L 29/06
(21) EP16207190.6	(32) 30.07.2009	G01T 1/24
(47) 01.05.2019	31.05.2010	(11) EP2677555
(22) 28.12.2016	(33) Japan	(21) EP13397520.1
(54) FABRICATION METHOD OF A CMOS IMAGE SENSOR	Japan	(47) 01.05.2019
(73) Semiconductor Manufacturing International (Shanghai) Corporation	(51) H01L 31/04	(22) 17.06.2013
Semiconductor Manufacturing International (Beijing) Corporation	H01L 31/0216	(54) Two-dimensional guard structure and radiation detector with the same
(72) JUNG, Dae-Sub	G02F 1/1335	(73) Oxford Instruments Technologies Oy
CHEN, Deyan	H01L 31/0392	(72) Kostamo, Pasi
SHI, Xuejie	H01L 31/0463	(31) 201213528065
(31) 201610008022	H01L 31/0224	(32) 20.06.2012
(32) 07.01.2016	H01L 31/0236	(33) United States of America
(33) China	H01L 31/046	(51) H01L 33/00
(51) H01L 29/786	H01L 31/0465	H01L 33/40
H01L 29/06	(11) EP2728623	H01L 33/46
(11) EP1938386	(21) EP12805375.8	H01L 33/64
(21) EP06779105.3	(47) 01.05.2019	(11) EP2648236
(47) 01.05.2019	(87) JP2012066788	(21) EP13174570.5
(87) GB2006002981	03.01.2013	(47) 01.05.2019
15.02.2007	(22) 29.06.2012	(22) 31.03.2003
(22) 09.08.2006	(54) THIN FILM SOLAR CELL AND METHOD FOR MANUFACTURING SAME	(54) Vertical light-emitting devices comprising a metal support film
(54) NANOROD THIN-FILM TRANSISTORS	(73) Kaneka Corporation	(73) LG Innotek Co., Ltd.
(73) Cambridge Enterprise Limited	(72) INAKI, Osamu	(72) Yoo, Myung Cheol
(72) SIRRINGHAUS, Henning	MEGURO, Tomomi	(31) 118317
SUN, Baoquan	KOIZUMI, Gensuke	(32) 09.04.2002
(31) 0516401	NAKANISHI, Naoaki	(33) United States of America
0614553	YAMAMOTO, Kenji	(51) H01L 33/00
(32) 09.08.2005	(31) 2011146316	H01L 33/46
21.07.2006	2011199902	H01L 33/10
(33) United Kingdom	(32) 30.06.2011	(11) EP1759424
United Kingdom	13.09.2011	(21) EP05728975.3
(51) H01L 29/872	(33) Japan	(47) 01.05.2019
H01L 29/06	Japan	(87) US2005009327
H01L 21/329	(51) H01L 31/05	24.11.2005
(11) EP2740155	(11) EP3043391	(22) 22.03.2005
(21) EP12737284.5	(21) EP16150567.2	(54) LIFT-OFF PROCESS FOR GAN FILMS FORMED ON SILICON CARBIDE SUBSTRATES
(47) 01.05.2019	(47) 01.05.2019	(73) Cree, Inc.
(87) EP2012064146	(22) 08.01.2016	(72) NAKAMURA, Shuji
07.02.2013	(54) PARALLEL INTERCONNECTION OF NEIGHBORING SOLAR CELLS VIA A COMMON BACK PLANE	DENBAARS, Steven
(22) 19.07.2012	(73) SolAero Technologies Corp.	(31) 841016
(54) SUPER-JUNCTION-SCHOTTKY-PIN-DIODE	(72) AIKEN, Daniel	(32) 06.05.2004
(73) Robert Bosch GmbH	DERKACS, Daniel	(33) United States of America
(72) QU, Ning	(31) 201514592519	(51) H01L 33/00
GOERLACH, Alfred	(32) 08.01.2015	H01S 5/343
(31) 102011080258	(33) United States of America	H01L 21/02
(32) 02.08.2011	(51) H01L 31/0693	B82Y 20/00
(33) Germany	H01L 31/0304	H01L 33/06
(51) H01L 31/0224	H01L 31/056	H01L 33/32
H01L 31/05	(11) EP2885820	H01S 5/34
H01L 31/04	(21) EP13762754.3	H01S 5/30
(11) EP2461367	(47) 01.05.2019	(11) EP1668709
(21) EP10804560.0	(87) EP2013067161	(21) EP04773679.8
	20.02.2014	(47) 01.05.2019

(87) JP2004014873 14.04.2005	20160036096 20160036100	(73) LG Innotek Co., Ltd. (72) Park, Jun Seok
(22) 01.10.2004	(32) 25.03.2016	Lee, Ho Jin
(54) METHODS FOR PRODUCING A NITRIDE SEMICONDUCTOR PRODUCT, A LIGHT- EMITTING DEVICE, A LIGHT-EMITTING DIODE, A LASER DEVICE AND A LAMP USING THE NITRIDE SEMICONDUCTOR PRODUCT	(33) Korea (Republic) Korea (Republic) Korea (Republic)	(31) 20110060540 20110064717 (32) 22.06.2011 30.06.2011 (33) Korea (Republic) Korea (Republic)
(73) Toyoda Gosei Co., Ltd.	(51) H01L 33/48	(51) H01L 33/54
(72) KOBAYAKAWA, Masato TOMOZAWA, Hideki OKUYAMA, Mineo	(11) EP3271953 (21) EP15892223.7 (47) 01.05.2019	H01L 33/48 (11) EP2562830 (21) EP12160223.9
(31) 2003344599	(87) CN2015079507	(47) 01.05.2019
(32) 02.10.2003	24.11.2016	(22) 19.03.2012
(33) Japan	(22) 21.05.2015	(54) Light emitting device package
(51) H01L 33/34 H01L 33/00	(54) TRANSFERRING METHOD AND MANUFACTURING METHOD OF MICRO-LED	(73) LG Innotek Co., Ltd. (72) Lee, Gun Kyo Kim, Nak-Hun Moon, Sun Mi
(11) EP2526571 (21) EP11705035.1 (47) 01.05.2019	(73) Goertek Inc. (72) ZOU, Quanbo WANG, Zhe	(31) 20110084315 20110089263
(87) IB2011050279 28.07.2011	(51) H01L 33/48	(32) 24.08.2011 02.09.2011
(22) 21.01.2011	H01L 33/64 H05K 1/02 H05K 1/11 H01L 33/62	(33) Korea (Republic) Korea (Republic)
(54) SILICON LIGHT EMITTING DEVICE AND METHOD OF FABRICATING SAME	(11) EP2648238 (21) EP13159690.0 (47) 01.05.2019	(51) H01L 33/62 H01L 33/52 H01L 33/48
(73) Insiava (Pty) Limited	(22) 18.03.2013	(11) EP2889924 (21) EP14199926.8
(72) VENTER, Petrus Johannes	(54) Light-emitting element mounting package, and manufacturing method of the same	(47) 01.05.2019 (22) 23.12.2014
(31) 201000521	(73) Shinko Electric Industries Co., Ltd.	(54) Light emitting device
(32) 22.01.2010	(72) Nakamura, Tatsushi Nakanishi, Tsukasa Matsumoto, Takayuki	(73) Nichia Corporation (72) Yoneda, Akinori Aihara, Yoshiyuki
(33) South Africa	(31) 2012068314 2012255428	(31) 2013266464 2014259029
(51) H01L 33/38 H01L 33/40 H01L 33/42 H01L 33/44	(32) 23.03.2012 21.11.2012	(32) 25.12.2013 22.12.2014
(11) EP2565944 (21) EP12182595.4 (47) 01.05.2019	(33) Japan Japan	(33) Japan Japan
(22) 31.08.2012	(51) H01L 33/52 H01L 33/48 H01L 33/54 H01L 33/62	(51) H01L 35/18 H01L 35/32 (11) EP3257089 (21) EP16703971.8 (47) 01.05.2019
(54) Semiconductor light emitting device	(31) 2012255428	(87) EP2016052791 18.08.2016
(73) Nichia Corporation	(22) 27.03.2014	(22) 10.02.2016
(72) Kususe, Takeshi Azuma, Naoki Ogawa, Toshiaki Kasai, Hisashi	(54) Light emitting device and method of manufacturing the same	(54) METHOD OF MANUFACTURING A SEALED THERMOELECTRIC MODULE
(31) 2011189889 2012168944	(73) Nichia Corporation (72) Ukawa, Hiroaki (31) 2013073661 2014059728	(73) Tegma AS (72) TOLLEFSEN, Torleif A. ENGVOLL, Marianne Aanvik
(32) 31.08.2011 30.07.2012	(32) 29.03.2013 24.03.2014	(31) 20150216 (32) 13.02.2015 (33) Norway
(33) Japan Japan	(33) Japan Japan	(51) H01L 35/28 H01L 23/38
(51) H01L 33/48 H01L 25/075 H01L 33/60 H01L 33/62 H01L 25/16 H01L 33/64	(54) H01L 33/52 H01L 33/54	(11) EP3096366 (21) EP15173493.6 (47) 01.05.2019
(11) EP3223322 (21) EP17162253.3 (47) 01.05.2019	(11) EP2538462 (21) EP12160221.3 (47) 01.05.2019	(22) 24.06.2015
(22) 22.03.2017	(22) 19.03.2012	(54) SEMICONDUCTOR PACKAGE ASSEMBLY WITH THERMAL RECYCLING FUNCTION
(54) LIGHT EMITTING DEVICE PACKAGE	(54) Light emitting device module	

(73) MediaTek, Inc	H01L 51/05	(32) 31.10.2014
(72) YU, Long-Kun	H01L 29/66	(33) Korea (Republic)
CHANG, Chin-Chiang	(11) EP2492984	(51) H01L 51/54
CHI, Chia-Wei	(21) EP12153747.6	C07D 405/04
YEH, Chia-Feng	(47) 01.05.2019	C07F 7/10
CHEN, Tai-Yu	(22) 03.02.2012	C07F 7/30
(31) 201514717159	(54) Spin filter device, method for its manufacture	C07F 9/6558
(32) 20.05.2015	and its use	C09K 11/06
(33) United States of America	(73) Westfälische Wilhelms-Universität Münster	G09F 9/30
(51) H01L 39/14	Yeda Research and Development Co. Ltd.	H01L 27/32
H01L 39/24	(72) Göhler, Benjamin	(11) EP2980878
(11) EP3179486	Hamelbeck, Volker	(21) EP14775671.2
(21) EP15829331.6	Hanne, G. Friedrich	(47) 01.05.2019
(47) 01.05.2019	Zacharias, Helmut	(87) JP2014059118
(87) JP2015069117	Naaman, Ron	02.10.2014
11.02.2016	Tal Zvi, Markus	(22) 28.03.2014
(22) 02.07.2015	(31) 201101862	(54) ORGANIC ELECTROLUMINESCENT
(54) OXIDE SUPERCONDUCTING WIRE,	(32) 03.02.2011	ELEMENT, AND LIGHTING DEVICE
SUPERCONDUCTING DEVICE AND	(33) United Kingdom	AND DISPLAY DEVICE WHICH ARE
METHOD FOR PRODUCING OXIDE	(51) H01L 51/00	PROVIDED WITH SAME
SUPERCONDUCTING WIRE	H01L 51/52	(73) Konica Minolta, Inc.
(73) Fujikura Ltd.	(11) EP2613374	(72) ONO, Kaori
(72) KURIHARA, Chihaya	(21) EP11830939.2	MIURA, Norio
(31) 2014159685	(47) 01.05.2019	HATTORI, Takamune
(32) 05.08.2014	(87) KR2011007432	(31) 2013072081
(33) Japan	12.04.2012	(32) 29.03.2013
(51) H01L 39/24	(22) 07.10.2011	(33) Japan
(11) EP3352235	(54) SUBSTRATE FOR AN ORGANIC	(51) H01L 51/54
(21) EP18151152.8	ELECTRONIC ELEMENT AND A	C07F 15/00
(47) 01.05.2019	PRODUCTION METHOD THEREFOR	C09K 11/06
(22) 11.01.2018	(73) LG Display Co., Ltd.	(11) EP2980094
(54) METHOD FOR PRODUCING A	(72) JANG, Seong Su	(21) EP14776548.1
SEMI-FINISHED PRODUCT FOR A	LEE, Yeon Keun	(47) 01.05.2019
SUPERCONDUCTING WIRE	MOON, Kyoung Sik	(87) JP2014057676
(73) Bruker EAS GmbH	KANG, Min Soo	02.10.2014
(72) Abächerli, Vital	(31) 20110046909	(22) 20.03.2014
Schlenga, Klaus	20100097979	(54) ISOMER-MIXTURE METAL
Sailer, Bernd	(32) 18.05.2011	COMPLEX COMPOSITION, ORGANIC
Thöner, Manfred	07.10.2010	ELECTROLUMINESCENT ELEMENT,
Wanior, Matheus	(33) Korea (Republic)	ILLUMINATOR, AND DISPLAY DEVICE
(31) 102017201039	Korea (Republic)	(73) Konica Minolta, Inc.
(32) 23.01.2017	(51) H01L 51/52	(72) SUGINO, Motoaki
(33) Germany	(11) EP2377181	KITA, Hiroshi
(51) H01L 41/107	(21) EP09793231.3	(31) 2013072072
H05H 1/24	(47) 01.05.2019	(32) 29.03.2013
H01L 41/312	(87) US2009059198	(33) Japan
H01L 41/053	17.06.2010	(51) H01M 2/00
(11) EP2948991	(22) 01.10.2009	H01M 2/30
(21) EP14704656.9	(54) IMPROVED OLED STABILITY VIA	(11) EP2958160
(47) 01.05.2019	DOPED HOLE TRANSPORT LAYER	(21) EP15168818.1
(87) IB2014058115	(73) Universal Display Corporation	(47) 01.05.2019
31.07.2014	(72) ADAMOVICH, Vadim	(22) 22.05.2015
(22) 08.01.2014	D'ANDRADE, Brian	(54) RECHARGABLE BATTERY
(54) DEVICE FOR CREATING A PLASMA	WEAVER, Michael S.	(73) Samsung SDI Co., Ltd.
AND HANDHELD APPARATUS USING	(31) 121991 P	(72) Yoo, Seungyeol
THIS DEVICE	(32) 12.12.2008	Lee, Huijun
(73) Epcos AG	(33) United States of America	(31) 20140073646
Relyon Plasma GmbH	(51) H01L 51/52	(32) 17.06.2014
(72) NETTESHEIM, Stefan	H01L 27/32	(33) Korea (Republic)
KORZEC, Dariusz	(11) EP3016168	(51) H01M 2/02
BURGER, Dominik	(21) EP15191843.0	H01M 2/04
KÜGERL, Georg	(47) 01.05.2019	H01M 10/0525
PUFF, Markus	(22) 28.10.2015	B23K 26/20
HOPPENTHALLER, Florian	(54) TOUCH PANEL INTEGRATED ORGANIC	H01M 2/12
(31) 102013100617	LIGHT EMITTING DISPLAY DEVICE	H01M 2/36
(32) 22.01.2013	(73) LG Display Co., Ltd.	(11) EP2960964
(33) Germany	(72) CHOI, BongKi	(21) EP15173674.1
(51) H01L 51/00	(31) 20140150777	(47) 01.05.2019

(22) 24.06.2015	H01M 2/18	(21) EP15749366.9
(54) ELECTROCHEMICAL ACCUMULATOR WITH HOUSING ASSEMBLED BY IMPROVED WELDING	H01M 10/04 H01M 10/625 H01M 10/647	(47) 01.05.2019 (87) KR2015001258 20.08.2015
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	H01M 10/6557 H01M 10/613	(22) 06.02.2015 (54) BATTERY MODULE AND BATTERY PACK COMPRISING SAME
(72) DEWULF, Frédéric JOST, Pierre	(11) EP3051606 (21) EP14849377.8 (47) 01.05.2019	(73) LG Chem, Ltd. (72) SEONG, Jun-Yeob
(31) 1455835	(87) JP2014070663	EOM, Young-Sop
(32) 24.06.2014	02.04.2015	KIM, Ki-Youn
(33) France	(22) 06.08.2014	YU, Sung-Chun
(51) H01M 2/02	(54) ASSEMBLED CELL	KANG, Dal-Mo
H01M 2/16	(73) Hitachi Automotive Systems, Ltd.	(31) 20140018028
H01M 2/26	(72) NISHIMORI, Hitoshi	(32) 17.02.2014
H01M 10/04	YOSHIDA, Tadashi	(33) Korea (Republic)
H01M 10/0525	OYA, Jun	(51) H01M 2/10
H01M 10/0587	(31) 2013196990	H01M 10/613
(11) EP2139057	(32) 24.09.2013	H01M 10/6554
(21) EP09163394.1	(33) Japan	(11) EP3168898
(47) 01.05.2019	(51) H01M 2/10	(21) EP16198995.9
(22) 22.06.2009	H01M 2/20	(47) 01.05.2019
(54) ELECTRODE ASSEMBLY AND LITHIUM SECONDARY BATTERY USING THE SAME	H01M 10/0525 H01M 2/30	(22) 15.11.2016 (54) RECHARGEABLE BATTERY MODULE
(73) Samsung SDI Co., Ltd.	(11) EP2791994	(73) Samsung SDI Co., Ltd.
(72) Oh, Jeongwon	(21) EP12794219.1	(72) KIM, Young-Deok
Kim, Joongheon	(47) 01.05.2019	LIM, Ji-Soon
(31) 20080059128	(87) EP2012072762	PARK, Shi-Dong
(32) 23.06.2008	20.06.2013	(31) 20150160500
(33) Korea (Republic)	(22) 15.11.2012	(32) 16.11.2015
(51) H01M 2/04	(54) BATTERY MODULE WITH A CELL CONNECTOR CONTAINING AN ELECTRICALLY CONDUCTIVE FLUID	(33) Korea (Republic)
H01M 2/34	(73) Robert Bosch GmbH	(51) H01M 2/10
H01M 2/30	Samsung SDI Co., Ltd.	H01M 10/6554
(11) EP3121867	(72) PFLUEGER, Claus Gerald	H01M 10/6557
(21) EP15183087.4	DUERNEGGER, Wolfgang	H01M 2/02
(47) 01.05.2019	LEUTHOLD, Christina	(11) EP2782161
(22) 31.08.2015	(31) 102011088576	(21) EP11875695.6
(54) POWER BATTERY CAP STRUCTURE AND POWER BATTERY	(32) 14.12.2011	(47) 01.05.2019
(73) Contemporary Amperex Technology Co., Limited	(33) Germany	(87) JP2011076626 23.05.2013
(72) Li, Quankun	(51) H01M 2/10	(22) 18.11.2011
Wu, Kai	H01M 10/04	(54) SECONDARY CELL MODULE
Deng, Pinghua	(11) EP3300136	(73) Hitachi Automotive Systems, Ltd.
Chen, Xiaobo	(21) EP16870898.0	(72) AOKI Sadayuki
(31) 201510438316	(47) 01.05.2019	(51) H01M 2/10
(32) 23.07.2015	(87) KR2016010290	H01M 10/6563
(33) China	08.06.2017	H01M 10/647
(51) H01M 2/10	(22) 12.09.2016	H01M 10/6556
H01M 2/12	(54) CLAMPING MEMBER AND BATTERY MODULE USING SAME	H01M 10/613
H01M 10/0525	(73) LG Chem, Ltd.	(11) EP3201966
H01M 10/42	(72) AN, Hyuk	(21) EP15738163.3
(11) EP3201970	LEE, Gang-U	(47) 01.05.2019
(21) EP15738167.4	PARK, Jun-Kyu	(87) US2015035759 07.04.2016
(47) 01.05.2019	(31) 20150168280	(22) 15.06.2015
(87) US2015035826	(32) 30.11.2015	(54) BATTERY MODULE THERMAL MANAGEMENT FLUID GUIDE ASSEMBLY
07.04.2016	(33) Korea (Republic)	(73) Johnson Controls Technology Company
(22) 15.06.2015	(51) H01M 2/10	(72) OBASIH, Kem M.
(54) BATTERY MODULE VENT SYSTEM AND METHOD	H01M 10/613	HOUCHIN-MILLER, Gary P.
(73) Johnson Controls Technology Company	H01M 10/625	LOBERT, Jonathan P.
(72) DEKEUSTER, Richard M.	H01M 10/6563	SHI, Qingfang
MACK, Robert J.	H01M 10/647	(31) 201414503101
(31) 201414501777	H01M 10/6556	(32) 30.09.2014
(32) 30.09.2014	H01M 10/6557	(33) United States of America
(33) United States of America	H01M 10/6561	(51) H01M 2/20
(51) H01M 2/10	H01M 10/6566	H01H 85/06
	(11) EP3091604	

H01H 85/08	(33) Japan	(54) NEGATIVE ACTIVE MATERIAL OF LITHIUM-ION SECONDARY BATTERY AND PREPARATION METHOD THEREFOR, NEGATIVE PLATE OF LITHIUM-ION SECONDARY BATTERY AND LITHIUM-ION SECONDARY BATTERY
H01M 2/34	(51) H01M 2/36	
B23K 35/26	H01M 2/38	
C22C 13/00	H01M 10/04	
H01H 85/02	(11) EP2618404	
H01H 85/143	(21) EP11730169.7	
(11) EP2827404	(47) 01.05.2019	
(21) EP12882311.9	(87) KR2011001996	(73) Huawei Technologies Co., Ltd.
(47) 01.05.2019	05.04.2012	(72) XIA, Shengan
(87) KR2012011376	(22) 23.03.2011	YANG, Jun
06.02.2014	(54) APPARATUS AND METHOD FOR ENHANCING IMPREGNATION WITH ELECTROLYTE IN SECONDARY BATTERY	WANG, Pinghua
(22) 24.12.2012		(31) 201310323018
(54) CONNECTING ELEMENT FOR SECONDARY BATTERY, AND BATTERY MODULE AND BATTERY PACK INCLUDING THE SAME	(73) LG Chem, Ltd.	(32) 29.07.2013
(73) LG Chem, Ltd.	(72) KIM, In-Jung	(33) China
(72) YANG, Jung-Hoon	KIM, Jong-Hee	(51) H01M 4/505
CHO, Young-Suk	LIM, Hyung-Kyu	C01G 45/12
CHOI, Seung-Don	YANG, In-Seok	(11) EP2381515
(31) 20120084944	PARK, Seok-Jung	(21) EP10733462.5
20120150600	(31) 20100095277	(47) 01.05.2019
(32) 02.08.2012	(32) 30.09.2010	(87) JP2010050552
21.12.2012	(33) Korea (Republic)	29.07.2010
(33) Korea (Republic)	(51) H01M 4/36	(22) 19.01.2010
Korea (Republic)	H01M 4/525	(54) POSITIVE ELECTRODE ACTIVE MATERIAL FOR SECONDARY BATTERIES WITH NONAQUEOUS ELECTROLYTIC SOLUTION, PROCESS FOR THE PRODUCTION OF THE ACTIVE MATERIAL, AND SECONDARY BATTERIES WITH NONAQUEOUS ELECTROLYTIC SOLUTION
(51) H01M 2/20	H01M 4/505	(73) Toda Kogyo Corp.
H01M 2/26	H01M 4/131	(72) MASUKUNI, Hiroaki
H01M 10/04	H01M 10/052	KOGA, Kazumichi
H01M 10/42	H01M 4/485	UEGAMI, Masayuki
H01M 10/058	H01M 10/0525	MATSUMOTO, Kazutoshi
(11) EP2486613	H01M 4/62	(31) 2009010420
(21) EP09850171.1	H01M 4/02	(32) 20.01.2009
(47) 01.05.2019	(11) EP3333944	(33) Japan
(87) CA2009001395	(21) EP17760297.6	(51) H01M 4/525
14.04.2011	(47) 01.05.2019	C01G 53/00
(22) 07.10.2009	(87) KR2017002212	H01M 4/505
(54) LOW NOISE BATTERY	08.09.2017	H01M 4/36
(73) BlackBerry Limited	(22) 28.02.2017	H01M 4/02
(72) BODA, Mallikarjun	(54) CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY AND PREPARATION METHOD THEREFOR	(11) EP3026739
VAN SHYNDEL, Andre John	(73) LG Chem, Ltd.	(21) EP14829275.8
(51) H01M 2/20	(72) NHO, Jun Seok	(47) 01.05.2019
H01R 4/50	CHO, Seung Beom	(87) JP2014069374
(11) EP2643872	PARK, Hyun Ah	29.01.2015
(21) EP11794640.0	AHN, Jun Seong	(22) 22.07.2014
(47) 01.05.2019	(31) 20160025626	(54) POSITIVE ELECTRODE ACTIVE MATERIAL FOR NONAQUEOUS ELECTROLYTE RECHARGEABLE BATTERY, MANUFACTURING METHOD FOR SAME, AND NONAQUEOUS ELECTROLYTE RECHARGEABLE BATTERY
(87) EP2011005951	20170025656	(73) Sumitomo Metal Mining Co., Ltd.
31.05.2012	(32) 03.03.2016	(72) INOUE, Katsuya
(22) 26.11.2011	27.02.2017	TOYA, Hiroyuki
(54) CONTACT DEVICE IN A BATTERY PACK	(33) Korea (Republic)	(31) 2013153891
(73) ads-tec GmbH	Korea (Republic)	(32) 24.07.2013
(72) SPEIDEL, Thomas	(51) H01M 4/38	(33) Japan
(31) 102010052507	H01M 4/134	(51) H01M 4/525
(32) 26.11.2010	H01M 4/04	H01M 4/131
(33) Germany	H01M 4/133	H01M 10/0525
(51) H01M 2/26	H01M 4/1393	C01G 51/00
H01M 10/0587	H01M 4/1395	H01M 4/485
H01M 10/04	H01M 4/36	(11) EP3352263
(11) EP2500971	H01M 4/583	
(21) EP12159758.7	H01M 4/62	
(47) 01.05.2019	H01M 4/587	
(22) 15.03.2012	(11) EP2876710	
(54) Electric storage device	(21) EP14806158.3	
(73) GS Yuasa International Ltd.	(47) 01.05.2019	
(72) Sasaki, Takeshi	(87) CN2014072477	
(31) 2011058174	05.02.2015	
(32) 16.03.2011	(22) 25.02.2014	

(21) EP17813470.6	(72) YANO, Takayoshi	IACONIS, Jean-Louis
(47) 01.05.2019	ISHIKAWA, Shin	LAGROIX, Martin
(87) KR2017003487	KAMI, Chikara	(31) 2010073104
21.12.2017	(31) 2015082736	731686
(22) 30.03.2017	(32) 14.04.2015	(32) 26.03.2010
(54) CATHODE ACTIVE MATERIAL FOR	(33) Japan	25.03.2010
LITHIUM SECONDARY BATTERY	(51) H01M 8/0206	(33) Japan
HAVING CONCENTRATION GRADIENT	H01M 8/0258	United States of America
OF DOPANT	H01M 8/0267	(51) H01M 8/0258
(73) LG Chem, Ltd.	H01M 8/0297	H01M 8/0223
(72) JO, Chi Ho	H01M 8/1018	(11) EP3050147
PARK, Sung Bin	F28D 21/00	(21) EP14845729.4
PARK, Young Uk	F28D 9/00	(47) 01.05.2019
LEE, Bo Ram	(11) EP2940766	(87) US2014056766
HUR, Hyuck	(21) EP13869338.7	26.03.2015
JUNG, Wang Mo	(47) 01.05.2019	(22) 22.09.2014
(31) 20160075880	(87) JP2013080231	(54) BIPOLAR PLATE DESIGN WITH NON-
(32) 17.06.2016	03.07.2014	CONDUCTIVE FRAMING ELEMENT
(33) Korea (Republic)	(22) 08.11.2012	(73) Lockheed Martin Energy, LLC
(51) H01M 4/58	(54) FUEL CELL STACK	(72) WARRINGTON, Curtis
H01M 10/05	(73) Nissan Motor Co., Ltd	GREBENYUK, Oleg
H01M 4/13	Nhk Spring Co., Ltd.	BADRINARAYANAN, Paravastu
H01M 10/052	(72) FUKUYAMA, Yosuke	MADDEN, Thomas, H.
H01M 4/136	IRITSUKI, Keita	(31) 201361881041 P
G11B 5/596	TERADA, Yusuke	(32) 23.09.2013
H01M 4/02	TAJIMA, Norihiro	(33) United States of America
H01M 4/36	(31) 2012282310	(51) H01M 8/0273
(11) EP2472654	(32) 26.12.2012	H01M 8/247
(21) EP12002042.5	(33) Japan	H01M 8/248
(47) 01.05.2019	(51) H01M 8/0254	H01M 8/1018
(22) 24.11.2009	H01M 8/026	H01M 8/0252
(54) Cathode active material, cathode, and	H01M 8/0263	H01M 8/0267
nonaqueous electrolyte secondary battery	H01M 8/0265	H01M 8/24
(73) Murata Manufacturing Co., Ltd.	(11) EP3188294	H01M 8/10
(72) Ishii, Takehiko	(21) EP16176859.3	(11) EP3269000
(31) 2008305203	(47) 01.05.2019	(21) EP16711878.5
(32) 28.11.2008	(22) 29.06.2016	(47) 01.05.2019
(33) Japan	(54) POROUS PANEL FOR SEPARATOR OF	(87) FR2016050530
(51) H01M 8/0202	FUEL CELL	15.09.2016
C25D 5/26	(73) Hyundai Motor Company	(22) 08.03.2016
C25D 5/36	Kia Motors Corporation	(54) FUEL-CELL STACK HAVING A
C25D 7/00	(72) JIN, Sang Mun	REINFORCED STRUCTURE
H01M 8/10	YANG, Yoo Chang	(73) Safran Power Units
H01M 8/0208	(31) 20150189315	(72) HORDE, Théophile
C25D 5/12	(32) 30.12.2015	BOUDJEMAA, Fabien
C23C 28/02	(33) Korea (Republic)	(31) 1551950
H01M 8/021	(51) H01M 8/0256	(32) 09.03.2015
H01M 8/0228	H01M 8/1004	(33) France
C23C 28/00	H01M 8/2418	(51) H01M 8/1004
H01M 8/1018	H01M 4/88	H01M 4/86
C25D 3/12	H01M 8/023	B01J 21/18
C25D 3/38	H01M 8/0271	B01J 23/648
C25D 3/46	H01M 8/0286	B01J 37/02
C25D 3/56	H01M 8/1018	H01M 4/92
C25D 3/62	H01M 8/2404	H01M 4/88
C25D 5/48	(11) EP2550700	H01M 8/1018
C25D 15/00	(21) EP11711396.9	(11) EP2954584
C23C 18/16	(47) 01.05.2019	(21) EP14702909.4
(11) EP3285319	(87) JP2011001640	(47) 01.05.2019
(21) EP16779734.9	29.09.2011	(87) GB2014050227
(47) 01.05.2019	(22) 18.03.2011	14.08.2014
(87) JP2016001647	(54) FUEL CELL LAYER, FUEL CELL	(22) 29.01.2014
20.10.2016	SYSTEM AND METHOD FOR	(54) USE OF AN ANODE CATALYST LAYER
(22) 22.03.2016	FABRICATING THE FUEL CELL LAYER	(73) Johnson Matthey Fuel Cells Limited
(54) METAL PLATE FOR USE AS	(73) Intelligent Energy Ltd	(72) O'MALLEY, Rachel Louise
SEPARATOR OF SOLID POLYMER FUEL	(72) IMURA, Shinichiro	PETRUCO, Enrico
CELL	SCHROOTEN, Jeremy	(31) 201302014
(73) JFE Steel Corporation	MCLEAN, Gerard F.	(32) 05.02.2013

(33) United Kingdom	(72) KIM, Jong Woo	H01M 2/16
(51) H01M 8/12	RYOO, Changseok	H01M 10/0587
C25B 15/08	KIM, Gyunjoong	(11) EP3329539
C25B 1/00	CHOI, Kwangwook	(21) EP16744364.7
C25B 1/08	IM, Sanghyeok	(47) 01.05.2019
C25B 9/04	HEO, Yeonhyuk	(87) EP2016067696
C25B 9/20	(31) 20140132098	02.02.2017
H01M 8/24	(32) 30.09.2014	(22) 25.07.2016
H01M 8/04298	(33) Korea (Republic)	(54) LITHIUM STORAGE BATTERY WITH
H01M 8/249	(51) H01M 8/18	INTEGRATED CIRCUIT-BREAKER FOR
C25B 9/18	(11) EP3332438	IMPROVED OPERATING SAFETY
H01M 8/124	(21) EP16747731.4	(73) Commissariat à l'Énergie Atomique et aux
(11) EP3335264	(47) 01.05.2019	Énergies Alternatives
(21) EP16756983.9	(87) EP2016001338	(72) DEWULF, Frédéric
(47) 01.05.2019	16.02.2017	JOST, Pierre
(87) EP2016069281	(22) 03.08.2016	(31) 1557190
16.02.2017	(54) REDOX FLOW CELL FOR THE	(32) 28.07.2015
(22) 12.08.2016	STORAGE OF ELECTRICAL ENERGY	(33) France
(54) PROCESS OF (CO-)ELECTROLYSIS	AND USE THEREOF	(51) H01M 10/0525
OF WATER OR ELECTRICITY	(73) Friedrich-Schiller-Universität Jena	H01M 10/0565
PRODUCTION AT HIGH	Jenabatteries GmbH	C08F 220/18
TEMPERATURE, WITH LOW	(72) SCHUBERT, Ulrich Sigmar	(11) EP2865041
THERMAL GRADIENTS, INSIDE AN	JANOSCHKA, Tobias	(21) EP13833457.8
ELECTROCHEMICAL REACTOR	MARTIN, Norbert	(47) 01.05.2019
(SOEC) OR A FUEL CELL (SOFC)	(31) 102015010083	(87) CN2013082435
RESPECTIVELY	(32) 07.08.2015	06.03.2014
(73) Commissariat à l'Énergie Atomique et aux	(33) Germany	(22) 28.08.2013
Énergies Alternatives	(51) H01M 8/22	(54) GEL POLYMER COMPOSITE
(72) REYTIER, Magali	(11) EP2923404	ELECTROLYTE, POLYMER LITHIUM
BARDI, Nicolas	(21) EP13792973.3	ION BATTERY COMPRISING THE GEL
(31) 1557685	(47) 01.05.2019	POLYMER COMPOSITE ELECTROLYTE
(32) 12.08.2015	(87) GB2013053037	AND METHODS OF PREPARING THE
(33) France	30.05.2014	SAME
(51) H01M 8/12	(22) 18.11.2013	(73) BYD Company Limited
H01M 4/86	(54) ELECTRICITY GENERATION	(72) SHAN, Jun
(11) EP3014685	(73) Fujifilm Manufacturing Europe BV	LIU, Ronghua
(21) EP14734421.2	(72) VAN BAAK, Willem	JIN, Lina
(47) 01.05.2019	(31) 201220832	(31) 201210309551
(87) EP2014062794	(32) 20.11.2012	(32) 28.08.2012
31.12.2014	(33) United Kingdom	(33) China
(22) 18.06.2014	(51) H01M 8/24	(51) H01M 10/054
(54) HIGH-TEMPERATURE CELL WITH A	H01M 8/12	H01M 4/38
POROUS GAS-CONDUCTING CHANNEL	(11) EP3001492	H01M 4/58
LAYER	(21) EP14800526.7	H01M 10/056
(73) Robert Bosch GmbH	(47) 01.05.2019	H01M 2/10
(72) THOBEN, Birgit	(87) JP2014063718	H01L 23/58
MOC, Andre	27.11.2014	H01M 10/04
(31) 102013212624	(22) 23.05.2014	H01M 10/0562
(32) 28.06.2013	(54) FUEL CELL MODULE AND FUEL CELL	H01M 10/0565
(33) Germany	DEVICE	H01M 10/0585
(51) H01M 8/12	(73) Kyocera Corporation	H01M 10/36
H01M 8/02	(72) MURASE, Koji	H01M 10/42
H01M 10/0562	ODA, Tomoyuki	H01M 2/02
H01M 8/1246	SUEHIRO, Masanori	H01M 2/20
H01M 2/16	(31) 2013109110	H01M 4/02
H01M 8/124	2013247845	H01M 4/136
(11) EP3203563	2013247850	H01M 4/36
(21) EP15846345.5	(32) 23.05.2013	H01M 4/66
(47) 01.05.2019	29.11.2013	H01M 4/74
(87) KR2015010252	29.11.2013	H01M 6/40
07.04.2016	(33) Japan	(11) EP3174154
(22) 25.09.2015	Japan	(21) EP15824684.3
(54) ELECTROLYTE MEMBRANE, FUEL	Japan	(47) 01.05.2019
CELL INCLUDING SAME, BATTERY	(51) H01M 10/0525	(87) KR2015007584
MODULE INCLUDING FUEL CELL,	H01M 2/34	28.01.2016
AND METHOD FOR MANUFACTURING	H01M 2/26	(22) 21.07.2015
ELECTROLYTE MEMBRANE	H01M 10/04	
(73) LG Chem, Ltd.	H01M 2/02	

(54) SILICONE SECONDARY BATTERY UNIT AND BATTERY MODULE FOR ELECTRICAL VEHICLE USING SAME	(11) EP2893590 (21) EP13834937.8 (47) 01.05.2019	FOR HEATING BATTERY GROUP OF ELECTRIC VEHICLE
(73) REKRIX CO., LTD.	(87) US2013058403	(73) BYD Company Limited
(72) RYU, Byung Hoon KONG, Jae Kyung	13.03.2014 (22) 06.09.2013	(72) WU, Xingchi WANG, Hongjun XIE, Shibin
(31) 20140092518	(54) SODIUM-HALOGEN SECONDARY CELL	(31) 201210160507
(32) 22.07.2014	(73) Field Upgrading USA, Inc.	(32) 22.05.2012
(33) Korea (Republic)	(72) BHAVARAJU, Sai	(33) China
(51) H01M 10/0566	ROBINS, Mathew	(51) H01M 10/60
H01M 10/0567	ECCLESTON, Alexis	B60L 11/18
H01M 10/0569	(31) 201261697608 P	(11) EP2853001
H01M 10/052	201261736444 P	(21) EP13793885.8
H01M 10/0568	201361777967 P	(47) 01.05.2019
(11) EP3282514	201361781530 P	(87) CN2013076055
(21) EP16873285.7	(32) 06.09.2012	28.11.2013
(47) 01.05.2019	12.12.2012	(22) 22.05.2013
(87) KR2016014046	12.03.2013	(54) POWER SYSTEM OF HYBRID ELECTRIC VEHICLE, HYBRID ELECTRIC VEHICLE COMPRISING THE SAME AND METHOD FOR HEATING BATTERY GROUP OF HYBRID ELECTRIC VEHICLE
15.06.2017	14.03.2013	(73) BYD Company Limited
(22) 01.12.2016	(33) United States of America	(72) CHEN, Liqiang
(54) ELECTROLYTE FOR LITHIUM SECONDARY BATTERY AND LITHIUM SECONDARY BATTERY COMPRISING SAME	United States of America	WANG, Hongjun
(73) LG Chem, Ltd.	United States of America	XIE, Shibin
(72) PARK, In Tae	United States of America	(31) 201210160624
YANG, Doo Kyung	United States of America	(32) 22.05.2012
KIM, Yun Kyoung	(51) H01M 10/42	(33) China
(31) 20150173910	H01M 10/39	(51) H01M 12/06
20160161132	H01M 10/44	H01M 8/18
(32) 08.12.2015	H02J 7/00	H01M 8/20
30.11.2016	H02J 7/35	H01M 8/22
(33) Korea (Republic)	H02J 3/32	H01M 12/08
Korea (Republic)	H02J 3/38	(11) EP3039744
(51) H01M 10/0567	(11) EP2330677	(21) EP14839312.7
H01M 10/052	(21) EP09817700.9	(47) 01.05.2019
H01M 10/0568	(47) 01.05.2019	(87) IB2014002144
(11) EP3223355	(87) JP2009066614	05.03.2015
(21) EP15860161.7	08.04.2010	(22) 19.08.2014
(47) 01.05.2019	(22) 25.09.2009	(54) AN ELECTROCHEMICAL SYSTEM FOR STORING ELECTRICITY IN METALS
(87) JP2015076383	(54) METHOD FOR CONTROLLING SODIUM-SULFUR BATTERY	(73) E-zn Inc.
26.05.2016	(73) NGK Insulators, Ltd.	(72) ZHANG, Xiaoge, Gregory
(22) 17.09.2015	(72) SATO, Mitsuharu	(31) 201361870104 P
(54) ELECTROLYTE FOR NON-AQUEOUS ELECTROLYTE BATTERY AND NON-AQUEOUS ELECTROLYTE LITHIUM BATTERY	(31) 101170 P	201414462019
(73) Central Glass Company, Limited	(32) 30.09.2008	(32) 26.08.2013
(72) OOMURO, Hitoshi	(33) United States of America	18.08.2014
TSUJIOKA, Shoichi	(51) H01M 10/60	(33) United States of America
(31) 2014234152	(11) EP2557612	United States of America
(32) 19.11.2014	(21) EP12178450.8	(51) H01P 1/06
(33) Japan	(47) 01.05.2019	H01P 1/17
(51) H01M 10/36	(22) 30.07.2012	(11) EP2684248
H01M 10/056	(54) Battery module	(21) EP12707273.4
H01M 4/40	(73) Samsung SDI Co., Ltd.	(47) 01.05.2019
H01M 4/42	Robert Bosch GmbH	(87) EP2012053405
H01M 8/18	(72) Kim, Myung-Chul	13.09.2012
H01M 8/22	(31) 201161521512 P	(22) 29.02.2012
H01M 10/0562	201113335230	(54) DEVICE FOR SWITCHING BETWEEN LINEAR AND CIRCULAR POLARIZATION USING A ROTATABLE DEPOLARIZER
H01M 10/39	(32) 09.08.2011	(73) Thrane & Thrane A/S
H01M 12/08	22.12.2011	(72) KYHLE, Anders
H01M 4/38	(33) United States of America	(31) 201161450769 P
H01M 4/62	United States of America	(32) 09.03.2011
H01M 4/66	(51) H01M 10/60	(33) United States of America
H01M 4/587	(11) EP2837056	(51) H01P 1/161
H01M 10/054	(21) EP13794537.4	
H01M 10/42	(47) 01.05.2019	
	(87) CN2013076049	
	28.11.2013	
	(22) 22.05.2013	
	(54) POWER SYSTEM OF ELECTRIC VEHICLE, ELECTRIC VEHICLE COMPRISING THE SAME AND METHOD	

- (11) EP2897213
(21) EP15000068.5
(47) 01.05.2019
(22) 14.01.2015
(54) Broadband signal splitting with sum signal absorption
(73) Airbus Defence and Space GmbH
(72) Kohl, Philipp, Dr.
(31) 102014000438
(32) 17.01.2014
(33) Germany
-
- (51) H01P 1/18
H01P 1/12
(11) EP3188308
(21) EP16206586.6
(47) 01.05.2019
(22) 23.12.2016
(54) MICROWAVE MEMS PHASE SHIFTER
(73) Synergy Microwave Corporation
(72) Koul, Shibban K.
Poddar, Ajay Kumar
Dey, Sukomal
Rohde, Ulrich
(31) 201562272285 P
(32) 29.12.2015
(33) United States of America
-
- (51) H01P 1/205
H01P 7/04
(11) EP2894709
(21) EP14305032.6
(47) 01.05.2019
(22) 10.01.2014
(54) Coaxial resonator filter
(73) Alcatel Lucent
(72) Doumanis, Efstratios
Pivitt, Florian
-
- (51) H01Q 1/24
H01Q 9/42
H01Q 5/321
H01Q 5/371
(11) EP2637251
(21) EP13158246.2
(47) 01.05.2019
(22) 07.03.2013
(54) Built-in antenna for electronic device
(73) Samsung Electronics Co., Ltd
(72) Kwak, Yong-Soo
Sin, A-Hyun
Lee, Dong-Hyun
Jeong, Seong-Tae
Byun, Joon-Ho
(31) 20120024590
(32) 09.03.2012
(33) Korea (Republic)
-
- (51) H01Q 1/32
H01Q 1/36
H01Q 1/38
H01Q 7/00
H01Q 9/28
(11) EP3176871
(21) EP16746707.5
(47) 01.05.2019
(87) JP2016053432
11.08.2016
(22) 04.02.2016
(54) VEHICLE-MOUNTED ANTENNA DEVICE
(73) Fujikura Ltd.
- (72) NIIHARA, Yoshihiro
YAMAGUCHI, Yuichiro
CHIBA, Hiroshi
GUAN, Ning
TAYAMA, Hiroku
(31) 2015021644
2015034475
2015083421
2015129117
2015157539
(32) 05.02.2015
24.02.2015
15.04.2015
26.06.2015
07.08.2015
(33) Japan
Japan
Japan
Japan
Japan
-
- (51) H01Q 3/12
H01Q 1/24
H01Q 21/26
(11) EP2966729
(21) EP14760423.5
(47) 01.05.2019
(87) KR2014001845
12.09.2014
(22) 06.03.2014
(54) APPARATUS FOR TUNING VOLTAGE STANDING WAVE RATIO OF BASE STATION SYSTEM IN WIRELESS COMMUNICATION NETWORK
(73) KMW Inc.
(72) MOON, Young-Chan
SO, Sung-Hwan
KIM, In-Ho
CHOI, Oh-Seog
(31) 20130024043
(32) 06.03.2013
(33) Korea (Republic)
-
- (51) H01R 4/30
H01R 4/34
H01R 4/70
H01R 11/12
H01R 13/52
H01R 11/28
(11) EP3076487
(21) EP16163075.1
(47) 01.05.2019
(22) 31.03.2016
(54) PLASTIC SEAL SHEATH FOR A CONDUCTOR CONNECTION, CONNECTING PART, COVER NUT AND SEALED CONNECTION BETWEEN TWO CONDUCTORS
(73) Trimborn, Jens
(72) Trimborn, Jens
(31) 202015101619 U
202016100256 U
(32) 31.03.2015
21.01.2016
(33) Germany
Germany
-
- (51) H01R 4/48
H01R 4/58
H01R 25/16
(11) EP2610968
- (21) EP12197433.1
(47) 01.05.2019
(22) 17.12.2012
(54) Electrical connectors and methods for coupling the electrical connectors to busbars
(73) ABB Schweiz AG
(72) Decuyper, Johan
Tomanek, Tomasz
(31) 201113338473
(32) 28.12.2011
(33) United States of America
-
- (51) H01R 4/66
B64D 45/02
H02G 13/00
F16B 19/02
H01R 4/30
H01R 4/64
F16B 1/00
(11) EP2973869
(21) EP14769073.9
(47) 01.05.2019
(87) US2014022724
25.09.2014
(22) 10.03.2014
(54) GROUNDING SLEEVE
(73) United Technologies Corporation
(72) ANDERSON, Carney R.
DITOMASSO, John C.
(31) 201361793294 P
(32) 15.03.2013
(33) United States of America
-
- (51) H01R 9/24
H01R 31/02
(11) EP2790272
(21) EP14176369.8
(47) 01.05.2019
(22) 01.03.2007
(54) Arrangement for power distribution and contact-making therewith and protection of the outgoing lines
(73) Auto-Kabel Management GmbH
(72) Lietz, Franz-Josef
Mäckel, Rainer
Schulz, Thomas
(31) 102006009936
(32) 03.03.2006
(33) Germany
-
- (51) H01R 13/506
H01R 13/52
H01R 13/645
(11) EP3252876
(21) EP16172496.8
(47) 01.05.2019
(22) 01.06.2016
(54) ELECTRICAL CONNECTOR WITH ENCODING FUNCTION
(73) Aptiv Technologies Limited
(72) LUDWIG, Martin
DROESBEKE, Gert
-
- (51) H01R 13/523
H01R 13/533
E21B 33/038
H01R 13/6599
H01R 43/20
E21B 17/02
(11) EP3170228
(21) EP14739825.9
(47) 01.05.2019

(87) EP2014065278 21.01.2016	(72) Ostmeier, Hubert, Dipl.-Ing.	SAKAIRI, Koichi
(22) 16.07.2014	(51) H01R 25/16	TANAKA, Kunihito
(54) SUBSEA ELECTRICAL CONNECTOR COMPONENT AND METHOD OF MANUFACTURING THEREOF	H02B 1/21	(31) 2013106942
(73) Siemens Aktiengesellschaft	H01R 101/00	(32) 21.05.2013
(72) JENKIN, Kieran	H01R 9/24	(33) Japan
(51) H01R 13/622	H01R 13/502	(51) H02B 1/21
H01R 24/40	(11) EP3382823	H02B 1/36
H01R 9/05	(21) EP17163096.5	(11) EP2309611
H01R 13/6581	(47) 01.05.2019	(21) EP10354049.8
(11) EP3000154	(22) 27.03.2017	(47) 01.05.2019
(21) EP14729814.5	(54) DEVICE FOR FEEDING POWER, IN PARTICULAR EMERGENCY POWER, INTO AN ELECTRICAL BUSBAR SYSTEM	(22) 16.09.2010
(47) 01.05.2019	(73) Jean Müller GmbH Elektrotechnische Fabrik	(54) Functional unit for low voltage distribution panel with test position
(87) US2014037841 27.11.2014	(72) Wolf, Torsten	(73) Schneider Electric Industries SAS
(22) 13.05.2014	(51) H01S 3/23	(72) Gallego, Marc-Alexandre
(54) COAXIAL CABLE CONNECTOR WITH INTEGRAL RFI PROTECTION	H01S 3/06	Pellicano, Joseph
(73) Corning Optical Communications RF LLC	H01S 3/16	Carle, Pierre
(72) BURRIS, Donald, Andrew	(11) EP2803121	Gasparetti, Bruno
MILLER, Thomas, Dewey	(21) EP12815639.5	(31) 0904763
(31) 201361825133 P	(47) 01.05.2019	(32) 06.10.2009
(32) 20.05.2013	(87) EP2012005260 18.07.2013	(33) France
(33) United States of America	(22) 19.12.2012	(51) H02B 11/133
(51) H01R 13/639	(54) NON-REGENERATIVE OPTICAL AMPLIFIER	(11) EP2482399
(11) EP2782194	(73) Neolase GmbH	(21) EP12152772.5
(21) EP14158778.2	(72) FREDE, Maik	(47) 01.05.2019
(47) 01.05.2019	(31) 102012000510	(22) 26.01.2012
(22) 11.03.2014	(32) 13.01.2012	(54) Interlocks for withdrawable circuit breakers
(54) Charging connector with reinforcing element	(33) Germany	(73) ABB Schweiz AG
(73) Phoenix Contact GmbH & Co. KG	(51) H01S 5/18	(72) Jurek, Tomasz Ludwik
(72) Führer, Thomas	H01S 5/12	Cieply, Przemyslaw Eugeniusz
Brünger, Mario	H01S 5/042	Dabrowski, Przemyslaw Marcin
(31) 102013102823	H01S 5/10	Lagiewka, Marcin Piotr
(32) 19.03.2013	H01S 5/20	Mrowiec, Jacek Stanislaw
(33) Germany	(11) EP2966737	Tomanek, Tomasz Pawel
(51) H01R 13/6473	(21) EP14760954.9	(31) 201113017348
H01R 9/05	(47) 01.05.2019	(32) 31.01.2011
H01R 103/00	(87) JP2014054429 12.09.2014	(33) United States of America
(11) EP3251180	(22) 25.02.2014	(51) H02G 1/12
(21) EP16701256.6	(54) TWO-DIMENSIONAL PHOTONIC CRYSTAL SURFACE-EMITTING LASER	(11) EP2867960
(47) 01.05.2019	(73) Japan Science and Technology Agency	(21) EP13744634.0
(87) EP2016000105 04.08.2016	(72) NODA, Susumu	(47) 01.05.2019
(22) 21.01.2016	OKINO, Tsuyoshi	(87) FR2013051490 03.01.2014
(54) PLUG CONNECTOR ARRANGEMENT WITH COMPENSATION SLEEVE	KITAMURA, Kyoko	(22) 26.06.2013
(73) Rosenberger Hochfrequenztechnik GmbH & Co. KG	TANAKA, Yoshinori	(54) DEVICE FOR STRIPPING ELECTRIC CABLES USING VIOLET OR BLUE LASER DIODES
(72) ZEBHAUSER, Martin	LIANG, Yong	(73) Laselec
BREDBECK, Till	(31) 2013046564	(72) REVERSAT, Fabien
ARMBRECHT, Gunnar	(32) 08.03.2013	ROUGIER, Stéphane
KUNZ, Stephan	(33) Japan	BOUVET, Pierre
(31) 202015000750 U	(51) H01T 21/02	(31) 1256207
(32) 30.01.2015	(11) EP3001519	(32) 29.06.2012
(33) Germany	(21) EP14801406.1	(33) France
(51) H01R 13/703	(47) 01.05.2019	(51) H02G 11/00
H01R 31/08	(87) JP2014063507 27.11.2014	F16G 13/16
H01R 9/24	(22) 21.05.2014	(11) EP3123581
(11) EP2169780	(54) METHOD FOR MANUFACTURING SPARK PLUG FOR INTERNAL COMBUSTION ENGINE	(21) EP15712333.2
(21) EP08014950.3	(73) DENSO CORPORATION	(47) 01.05.2019
(47) 01.05.2019	Tanaka Kikinzoku Kogyo K.K.	(87) EP2015056123 01.10.2015
(22) 23.08.2008	(72) MURAYAMA, Yuki	(22) 23.03.2015
(54) Terminal post as part of a high or medium voltage facility	ABE, Nobuo	(54) LINE GUIDE DEVICE WITH A SINGLE- PIECE HINGE AND CORRESPONDING CHAIN LINK
(73) Ostmeier, Hubert, Dipl.-Ing.		(73) Igus GmbH
		(72) BARTEN, Dominik
		(31) 202014101366 U

(32) 24.03.2014	Sorin, Joel	H01M 16/00
(33) Germany	(31) 1400710	(11) EP3042427
(51) H02G 13/00	(32) 24.03.2014	(21) EP14765992.4
H02G 3/08	(33) France	(47) 01.05.2019
H01R 4/64	(51) H02H 7/125	(87) GB2014052687
H01R 9/05	H02H 9/04	12.03.2015
(11) EP2581985	H02M 1/00	(22) 04.09.2014
(21) EP12187612.2	H02M 1/32	(54) A FUEL CELL UNIT
(47) 01.05.2019	H02M 7/06	(73) LG Fuel Cell Systems Inc.
(22) 08.10.2012	H02M 7/12	(72) AGNEW, Gerard D
(54) Cable grounding system	H02M 7/217	(31) 201315754
(73) TE Connectivity Corporation	H03K 17/0814	(32) 04.09.2013
(72) Fenstermaker, Daniel C.	H03K 17/082	(33) United Kingdom
Glatfelter, Kyle Jay	H03K 17/30	(51) H02J 3/01
Gooch, William D.	H02H 7/06	H02J 3/18
(31) 201161545538 P	H02J 7/24	H02P 27/04
201213369790	H02P 9/00	H02P 21/00
(32) 10.10.2011	H02P 9/10	H02M 7/48
09.02.2012	(11) EP2495855	H02M 1/42
(33) United States of America	(21) EP12150618.2	G05B 11/42
United States of America	(47) 01.05.2019	(11) EP2988414
(51) H02H 1/00	(22) 10.01.2012	(21) EP14785759.3
H02H 7/10	(54) Method for power loss reduction in the	(47) 01.05.2019
H02H 7/12	voltage bracketing of active rectifier circuits	(87) JP2014056676
(11) EP2169797	(73) Robert Bosch GmbH	23.10.2014
(21) EP09171814.8	SEG Automotive Germany GmbH	(22) 13.03.2014
(47) 01.05.2019	(72) Mehringer, Paul	(54) CONTROL DEVICE
(22) 30.09.2009	Baur, Markus	(73) Daikin Industries, Ltd.
(54) METHOD AND MEASURING DEVICE	(31) 102011004484	(72) KAWASHIMA Reiji
FOR MEASURING AN OUTPUT	(32) 22.02.2011	(31) 2013084558
CURRENT OF A METERED HALF	(33) Germany	(32) 15.04.2013
BRIDGE CIRCUIT	(51) H02H 7/26	(33) Japan
(73) Lenze Automation GmbH	H02J 1/08	(51) H02J 3/06
(72) Petersen, Thomas	H02J 1/10	H02J 3/38
(31) 102008049781	G06F 11/30	(11) EP2763263
(32) 30.09.2008	G06F 11/22	(21) EP14153799.3
(33) Germany	H02J 3/00	(47) 01.05.2019
(51) H02H 3/04	(11) EP3021443	(22) 04.02.2014
H01H 71/04	(21) EP15191648.3	(54) Method for operating a fluctuating energy
(11) EP3104481	(47) 01.05.2019	generation system
(21) EP15187587.9	(22) 27.10.2015	(73) in.power GmbH
(47) 01.05.2019	(54) SYSTEM AND METHOD FOR	(72) Hohmann, Niklas
(22) 30.09.2015	DISTRIBUTING ELECTRICAL POWER	Kinzelbach, Michael
(54) SYSTEM AND METHOD FOR	(73) General Electric Company	Werum, Josef
MANAGEMENT OF CIRCUIT BREAKER	(72) TENCA, Pierluigi	Kraft, Johannes
COUNTER	SIHLER, Christof Martin	(31) 102013101099
(73) Korea Electric Power Corporation	(31) 201414535340	(32) 04.02.2013
(72) Hyun, Hye-Ryun	(32) 07.11.2014	(33) Germany
Lee, Man-Sun	(33) United States of America	(51) H02J 3/08
Lee, Kang-Soo	(51) H02J 1/10	H02J 3/40
Jang, Jun-Soo	(11) EP2416479	H02P 1/00
Song, Hyo-Sung	(21) EP11173778.9	(11) EP3391495
Jo, Il-Lae	(47) 01.05.2019	(21) EP15821100.3
Sin, En-Jin	(22) 13.07.2011	(47) 01.05.2019
(31) 20150083580	(54) Apparatus and system for power conversion	(87) FI2015050907
(32) 12.06.2015	(73) General Electric Company	30.06.2016
(33) Korea (Republic)	(72) Huber, Johannes	(22) 18.12.2015
(51) H02H 3/04	Salasoo, Lembit	(54) AN ELECTRIC POWER PLANT AND
H02H 1/00	Walsch, Alexander	A METHOD FOR CONTROLLING THE
H02H 1/06	Waszak, Michal-Wolfgang	SAME
(11) EP2924837	Fiseni, Alexander Felix	(73) Wärtsilä Finland Oy
(21) EP15160614.2	Brandhoff, Stefan	(72) ÖSTMAN, Fredrik
(47) 01.05.2019	Kyrberg, Karl	MÄKINEN, Jani
(22) 24.03.2015	(31) 840423	(51) H02J 3/32
(54) TRIP CAUSE MANAGEMENT DEVICE	(32) 21.07.2010	H02J 3/38
FOR AN ELECTRIC TRIP DEVICE	(33) United States of America	(11) EP3166196
(73) Schneider Electric Industries SAS	(51) H02J 1/10	(21) EP16197211.2
(72) Masseboeuf, Bertrand	H02M 3/155	(47) 01.05.2019

(22) 04.11.2016	(87) EP2016056839	H02J 50/12
(54) POWER PLANT, POWER PLANT	13.10.2016	H02J 50/80
COMBINATION WITH A POWER PLANT,	(22) 30.03.2016	(11) EP2786464
AND METHOD OF OPERATION	(54) EFFICIENT POWER TRANSMISSION	(21) EP12821136.4
(73) EnBW Energie Baden-Württemberg AG	(54) TO LAND OF ELECTRICAL POWER	(47) 01.05.2019
(72) Wauschkuhn, Arnim	GENERATED OFFSHORE	(87) IL2012050491
Weberuss, Jörg	(73) Siemens Aktiengesellschaft	06.06.2013
Helmenstein, Roland	(72) HAMMER, Thomas	(22) 29.11.2012
Kinn, Theodor	MENKE, Peter	(54) SYSTEM AND METHOD FOR
(31) 102015119186	(31) 102015206307	REGULATING INDUCTIVE POWER
(32) 06.11.2015	(32) 09.04.2015	TRANSMISSION
(33) Germany	(33) Germany	(73) Powermat Technologies Ltd.
(51) H02J 3/34	(51) H02J 3/38	Mach, Elieser
H02M 5/293	H02M 7/42	Rofe, Arik
H02M 5/297	(11) EP2973976	Greenwald, Oola
(11) EP3331118	(21) EP14770361.5	Raveh, Guy
(21) EP17199507.9	(47) 01.05.2019	(72) MACH, Elieser
(47) 01.05.2019	(87) US2014027708	ROFE, Arik
(22) 01.11.2017	25.09.2014	GREENWALD, Oola
(54) SYSTEM FOR TRANSMITTING	(22) 14.03.2014	RAVEH, Guy
ELECTRIC POWER	(54) INTERFACE FOR RENEWABLE ENERGY	(31) 201161566103 P
(73) Siemens Aktiengesellschaft	SYSTEM	(32) 02.12.2011
(72) Böhme, Daniel	(73) Technology Research, LLC	(33) United States of America
(31) 102016223944	(72) DELLA SERA, Aldo, P.	(51) H02J 7/00
(32) 01.12.2016	KRAVITZ, Arnold	(11) EP2529463
(33) Germany	ACOSTA, Luis	(21) EP10800949.9
(51) H02J 3/36	(31) 201361789905 P	(47) 01.05.2019
H02J 3/38	201361789132 P	(87) EP2010070862
H02J 1/10	201361789528 P	04.08.2011
(11) EP3100331	201361878967 P	(22) 29.12.2010
(21) EP14714614.6	201314058270	(54) RESTART PROTECTION FOR BATTERY-
(47) 01.05.2019	(32) 15.03.2013	POWERED ELECTRICAL APPLIANCES
(87) EP2014055412	15.03.2013	(73) Robert Bosch GmbH
24.09.2015	15.03.2013	(72) KOEDER, Thilo
(22) 18.03.2014	17.09.2013	SCHMID, Markus
(54) VOLTAGE REGULATION IN MULTI-	20.10.2013	(31) 102010001372
TERMINAL HVDC NETWORK	(33) United States of America	(32) 29.01.2010
(73) Siemens Aktiengesellschaft	United States of America	(33) Germany
(72) DÖRING, David	United States of America	(51) H02J 7/00
EBNER, Günter	United States of America	A24F 47/00
SCHUSTER, Dominik	United States of America	H02J 7/02
WÜRFLINGER, Klaus	United States of America	H02J 50/10
ZELLER, Marcus	(51) H02J 5/00	H02J 50/40
(51) H02J 3/36	H02J 7/02	(11) EP3143676
H02M 7/757	H02J 7/04	(21) EP15792522.3
F03D 9/00	H02J 50/00	(47) 01.05.2019
H02J 3/38	B60L 11/18	(87) US2015030655
H02M 7/493	H02M 7/02	19.11.2015
(11) EP3295534	(11) EP3167533	(22) 13.05.2014
(21) EP16729856.1	(21) EP15739151.7	(54) METHOD, SYSTEM AND DEVICE FOR
(47) 01.05.2019	(47) 01.05.2019	INDUCTIVELY CHARGING BATTERIES
(87) EP2016063176	(87) US2015039325	IN ELECTRONIC CIGARETTES
12.01.2017	14.01.2016	(73) Fontem Holdings 4 B.V.
(22) 09.06.2016	(22) 07.07.2015	(72) ALARCON, Ramon
(54) ENERGY GENERATION SYSTEM	(54) POWER DELIVERY USING A	(31) 201461992697 P
AND METHOD FOR THE OPERATION	CONTROLLABLE POWER ADAPTER	(32) 13.05.2014
THEREOF	(73) MediaTek Singapore Pte Ltd.	(33) United States of America
(73) Siemens Aktiengesellschaft	Muratov, Vladimir, A.	(51) H02J 7/00
(72) CHRIST, Timo	Satyamoorthy, Anand	B60L 11/18
SEMAN, Slavomir	(72) MURATOV, Vladimir A.	H01R 13/66
ZUROWSKI, Rainer	SATYAMOORTHY, Anand	H04B 3/56
(31) 102015212562	(31) 201462021293 P	H02J 5/00
(32) 06.07.2015	201514791918	H01R 13/74
(33) Germany	(32) 07.07.2014	H04B 3/54
(51) H02J 3/38	06.07.2015	H02J 7/02
(11) EP3281269	(33) United States of America	(11) EP2824792
(21) EP16713852.8	United States of America	(21) EP12865433.2
(47) 01.05.2019	(51) H02J 5/00	(47) 01.05.2019
	H02J 7/02	

- (87) JP2012084243
18.07.2013
- (22) 29.12.2012
- (54) POWER RECEIVING CONNECTOR, CHARGING SYSTEM, AND COMMUNICATION SYSTEM
- (73) Sumitomo Electric Industries, Ltd.
AutoNetworks Technologies, Ltd.
Toyota Jidosha Kabushiki Kaisha
Sumitomo Wiring Systems, Ltd.
- (72) TAKATA, Yousuke
OKADA, Ryou
HAGIHARA, Takeshi
KOMATSU, Yutaka
NAKAGAWA, Nobuyuki
- (31) 2012002508
(32) 10.01.2012
(33) Japan
-
- (51) H02J 7/00
B60L 15/32
B60L 11/00
H02J 50/10
- (11) EP3150424
(21) EP16001686.1
(47) 01.05.2019
(22) 29.07.2016
- (54) METHOD AND DEVICE FOR ENERGY MANAGEMENT IN A MOTOR VEHICLE HAVING AT LEAST TWO DRIVEN VEHICLE AXLES
- (73) MAN Truck & Bus AG
(72) Mayer, Florian
Fissmann, Tobias
- (31) 102015012677
(32) 30.09.2015
(33) Germany
-
- (51) H02J 7/00
H02J 3/00
G06Q 10/04
G06Q 10/06
- (11) EP3152812
(21) EP15726156.1
(47) 01.05.2019
(87) EP2015062277
10.12.2015
(22) 02.06.2015
- (54) METHOD AND DEVICE FOR DETERMINING VOLTAGES AND/OR POWERS AVAILABLE IN AN ELECTRICAL RECHARGING NETWORK
- (73) Institut Mines-Télécom
(72) ABI ABDALLAH, Fadi
GAGNAIRE, Maurice
- (31) 1455042
(32) 03.06.2014
(33) France
-
- (51) H02J 7/00
H02J 50/10
H02J 50/12
H02J 50/90
H02J 50/80
H02J 50/60
H01F 38/14
G01V 3/10
H02J 5/00
- (11) EP2730007
(21) EP12808131.2
(47) 01.05.2019
- (87) JP2012067759
10.01.2013
- (22) 02.07.2012
- (54) ENERGY RECEIVER, DETECTION METHOD AND POWER TRANSMISSION SYSTEM
- (73) Sony Corporation
(72) NAKANO, Hiroaki
FUKUDA, Shinichi
MURAYAMA, Yuji
FUJIMAKI, Kenichi
MURAKAMI, Tomomichi
- (31) 2011149465
(32) 05.07.2011
(33) Japan
-
- (51) H02J 7/00
H02M 7/217
H02M 3/335
- (11) EP3276777
(21) EP17178298.0
(47) 01.05.2019
(22) 28.06.2017
- (54) CHARGING SYSTEM, CHARGING METHOD, AND POWER ADAPTER
- (73) Guangdong Oppo Mobile Telecommunications Corp., Ltd
(72) ZHANG, Jialiang
CHEN, Shebiao
ZHANG, Jun
TIAN, Chen
WAN, Shiming
LI, Jiada
- (31) 201610600382
(32) 26.07.2016
(33) China
-
- (51) H02J 7/02
H02J 7/04
B60L 50/51
- (11) EP2731227
(21) EP13184249.4
(47) 01.05.2019
(22) 13.09.2013
- (54) Device and method for charging an electric energy store from an alternating current source
- (73) ROBERT BOSCH GMBH
(72) Schillinger, Bertram
- (31) 102012220376
(32) 08.11.2012
(33) Germany
-
- (51) H02J 7/04
H01M 10/44
G01R 31/36
- (11) EP2963767
(21) EP14842250.4
(47) 01.05.2019
(87) KR2014008272
12.03.2015
(22) 03.09.2014
- (54) SYSTEM AND METHOD FOR ALLOCATING COMMUNICATION IDENTIFIER FOR MULTI-BMS
- (73) LG Chem, Ltd.
(72) KWON, Dong-Keun
PARK, Jong-Min
- (31) 20130107960
(32) 09.09.2013
(33) Korea (Republic)
-
- (51) H02J 7/04
H02J 7/00
H02J 7/02
- (11) EP3379690
(21) EP18172892.4
(47) 01.05.2019
(22) 14.05.2014
- (54) QUICK-CHARGING METHOD AND SYSTEM
- (73) Guangdong Oppo Mobile Telecommunications Corp., Ltd
(72) Zhang, Jialiang
Wu, Kewei
Zhang, Jun
Peng, Liangcai
Liao, Fuchun
- (31) 201410043242
(32) 28.01.2014
(33) China
-
- (51) H02J 7/14
B60R 16/03
H02M 3/158
H02M 3/28
H02M 1/00
- (11) EP3329575
(21) EP16735587.4
(47) 01.05.2019
(87) EP2016063629
02.02.2017
(22) 14.06.2016
- (54) METHOD AND APPARATUS FOR OPERATING AN ELECTRICAL SYSTEM, ELECTRICAL SYSTEM
- (73) Robert Bosch GmbH
(72) ESTEGHLAL, Gholamabas
KRETSCHMER, Markus
HAEFELE, Frank
- (31) 102015214221
(32) 28.07.2015
(33) Germany
-
- (51) H02J 9/06
H02J 1/10
H02M 3/135
H02M 3/155
H02J 7/00
- (11) EP3270486
(21) EP17173109.4
(47) 01.05.2019
(22) 26.05.2017
- (54) UNINTERRUPTIBLE POWER SUPPLY
- (73) Vertiv Tech Co., Ltd.
(72) XU, Junrui
MAO, Yunhe
XU, Fubin
BING, Yang
- (31) 201610460778
(32) 23.06.2016
(33) China
-
- (51) H02J 9/06
H02J 3/38
- (11) EP3012943
(21) EP15190507.2
(47) 01.05.2019
(22) 20.10.2015
- (54) PROTECTION METHODS AND SWITCHES IN UNINTERRUPTIBLE POWER SUPPLY SYSTEMS
- (73) ABB Schweiz AG

(72) COLOMBI, Silvio MANNUCCINI, Andrea HANDLIN, Harry Bye GIUNTINI, Lorenzo	Muratov, Vladimir A (31) 201562193800 P 201514960541	30.11.2007 30.11.2007
(31) 201462067705 P 201562161393 P 201514823233	(32) 17.07.2015 07.12.2015	(33) Korea (Republic) Korea (Republic) Korea (Republic)
(32) 23.10.2014 14.05.2015 11.08.2015	(33) United States of America United States of America	(51) H02J 50/20 H02J 50/50 H01Q 9/30
(33) United States of America United States of America United States of America	(51) H02J 50/12 H02J 50/40 H02J 7/00 H02J 7/02	(11) EP3192150 (21) EP15772086.3 (47) 01.05.2019 (87) US2015049520 17.03.2016
(51) H02J 13/00 H02J 3/00 G05B 13/02 H04L 12/10 H02J 3/38	(21) EP14852170.1 (47) 01.05.2019 (87) KR2014009495 16.04.2015	(22) 10.09.2015 (54) HIERARCHICAL POWER DISTRIBUTION (73) CPG Technologies, LLC (72) CORUM, James, F. CORUM, Kenneth, L. LILLY, James, D. PINZONE, Basil, F.
(11) EP2504949 (21) EP10833545.6 (47) 01.05.2019 (87) KR2010008313 03.06.2011	(73) LG Innotek Co., Ltd. (72) SONG, Young Kil (31) 20130120504 (32) 10.10.2013 (33) Korea (Republic)	(31) 201462049214 P 201514847704
(22) 24.11.2010 (54) NETWORK SYSTEM AND METHOD OF CONTROLLING NETWORK SYSTEM (73) LG Electronics Inc.	(51) H02J 50/12 H02J 50/80 H04B 5/00 (11) EP2367263 (21) EP11158840.6 (47) 01.05.2019 (22) 18.03.2011 (54) Wireless power feeder, wireless power receiver, and wireless power transmission system (73) TDK Corporation (72) Urano, Takashi (31) 2010064379 2010071901 2011021952 2011021953	(32) 11.09.2014 08.09.2015 (33) United States of America United States of America
(72) LEE, Hoonbong LEE, Koonseok KIM, Yanghwan KIM, Daewoong	(21) EP11158840.6 (47) 01.05.2019 (22) 18.03.2011 (54) Wireless power feeder, wireless power receiver, and wireless power transmission system (73) TDK Corporation (72) Urano, Takashi (31) 2010064379 2010071901 2011021952 2011021953	(51) H02K 1/16 H02K 3/28 H02K 3/34 H02K 5/22 (11) EP2611000 (21) EP12199495.8 (47) 01.05.2019 (22) 27.12.2012 (54) Electric motor (73) Fujitsu General Limited (72) Taema, Yoshihiro (31) 2011289180 (32) 28.12.2011 (33) Japan
(31) 20090114011 20090114015 (32) 24.11.2009 24.11.2009 (33) Korea (Republic) Korea (Republic)	(31) 2010064379 2010071901 2011021952 2011021953 (32) 19.03.2010 26.03.2010 03.02.2011 03.02.2011 (33) Japan Japan Japan Japan	(51) H02K 1/18 H02K 5/16 H02K 11/00 (11) EP2251956 (21) EP10004686.1 (47) 01.05.2019 (22) 04.05.2010 (54) Motor (73) Magna Powertrain Bad Homburg GmbH (72) Maier, Erich Ras, Mauro Horski, Marek (31) 175093 P (32) 04.05.2009 (33) United States of America
(51) H02J 50/00 H01F 38/14 F03B 17/06 F03B 13/26 F03B 13/10 E02B 9/08 F03B 13/18	(51) H02J 50/12 H04B 5/00 H02J 50/90 H02J 50/80 H02J 7/00 H02J 7/02 H02J 50/40 H02J 50/60	(51) H02K 1/18 H02K 9/02 (11) EP2760110 (21) EP14000230.4 (47) 01.05.2019 (22) 23.01.2014 (54) Cooling assembly of an electric motor with a centric stator (73) Kocevar, Joze (72) Kocevar, Joze (31) 201300016 (32) 24.01.2013
(11) EP2815124 (21) EP13738139.8 (47) 01.05.2019 (87) FI2013050046 25.07.2013 (22) 16.01.2013 (54) ENERGY PLANT AND PARTS OF AN ENERGY PLANT (73) Subsea-Energy Oy (72) SILTALA, Timo (31) 20125048 (32) 16.01.2012 (33) Finland	(11) EP2683051 (21) EP13186429.0 (47) 01.05.2019 (22) 07.07.2008 (54) CONTACTLESS MULTI-CHARGER SYSTEM AND CONTROLLING METHOD THEREOF (73) Intel Corporation (72) JUNG, Chun-Kil (31) 20070123749 20070123751 20070123752 (32) 30.11.2007	(51) H02K 1/18 H02K 9/02 (11) EP2760110 (21) EP14000230.4 (47) 01.05.2019 (22) 23.01.2014 (54) Cooling assembly of an electric motor with a centric stator (73) Kocevar, Joze (72) Kocevar, Joze (31) 201300016 (32) 24.01.2013
(51) H02J 50/10 H04B 5/00 H02J 50/12	(47) 01.05.2019 (22) 07.07.2008 (54) CONTACTLESS MULTI-CHARGER SYSTEM AND CONTROLLING METHOD THEREOF (73) Intel Corporation (72) JUNG, Chun-Kil (31) 20070123749 20070123751 20070123752 (32) 30.11.2007	(51) H02K 1/18 H02K 9/02 (11) EP2760110 (21) EP14000230.4 (47) 01.05.2019 (22) 23.01.2014 (54) Cooling assembly of an electric motor with a centric stator (73) Kocevar, Joze (72) Kocevar, Joze (31) 201300016 (32) 24.01.2013
(11) EP3118969 (21) EP16179119.9 (47) 01.05.2019 (22) 12.07.2016 (54) DRIVE CIRCUITS FOR MULTI-MODE WIRELESS POWER TRANSMITTER (73) MediaTek Inc. (72) Yen, Yung-Chih	(31) 20070123749 20070123751 20070123752 (32) 30.11.2007	(51) H02K 1/18 H02K 9/02 (11) EP2760110 (21) EP14000230.4 (47) 01.05.2019 (22) 23.01.2014 (54) Cooling assembly of an electric motor with a centric stator (73) Kocevar, Joze (72) Kocevar, Joze (31) 201300016 (32) 24.01.2013

- (33) Slovenia
 (51) H02K 1/27
 H02K 1/32
 H02K 29/03
 (11) EP2403107
 (21) EP09840693.7
 (47) 01.05.2019
 (87) JP2009000883
 02.09.2010
 (22) 27.02.2009
 (54) PERMANENT MAGNET TYPE ROTARY MACHINE
 (73) Hitachi, Ltd.
 (72) HORI, Masahiro
 KORI, Daisuke
 KOMURA, Akiyoshi
-
- (51) H02K 1/28
 H02K 1/27
 H02K 7/00
 (11) EP2549624
 (21) EP12168920.2
 (47) 01.05.2019
 (22) 22.05.2012
 (54) Rotor core for motor
 (73) LG Innotek Co., Ltd.
 (72) Kim, Hyunseop
 Ryu, Woongseon
 (31) 20110072977
 20110079464
 (32) 22.07.2011
 10.08.2011
 (33) Korea (Republic)
 Korea (Republic)
-
- (51) H02K 1/32
 H02K 9/04
 H02K 3/52
 (11) EP3109974
 (21) EP16175185.4
 (47) 01.05.2019
 (22) 20.06.2016
 (54) SYSTEMS FOR IMPROVED HEAT TRANSFER FROM ROTOR COILS
 (73) GE Energy Power Conversion Technology Ltd
 (72) DEBLOCK, Mark John
 (31) 201514749790
 (32) 25.06.2015
 (33) United States of America
-
- (51) H02K 3/14
 (11) EP2975733
 (21) EP14176847.3
 (47) 01.05.2019
 (22) 14.07.2014
 (54) A Roebel bar for use in an electric machine
 (73) General Electric Technology GmbH
 (72) Haldemann, Johann
-
- (51) H02K 3/24
 H02K 3/38
 (11) EP3025416
 (21) EP14744930.0
 (47) 01.05.2019
 (87) GB2014052284
 29.01.2015
 (22) 25.07.2014
 (54) SEPARATOR FOR SEPARATING WINDINGS
 (73) Cummins Generator Technologies Limited
- (72) MOKHADKAR, Rahul Prakash
 GILSON, Gareth
 EDE, Tom
 WORTHINGTON, Dave
 RICHES, Mark
 CLARK, Richard
 GUTTERIDGE, Chris
 BEND, Philip David
 (31) 201313334
 (32) 26.07.2013
 (33) United Kingdom
-
- (51) H02K 3/28
 H02K 9/06
 H02K 11/04
 (11) EP2171830
 (21) EP08826457.7
 (47) 01.05.2019
 (87) FR2008051244
 22.01.2009
 (22) 04.07.2008
 (54) POLYPHASE STATOR FOR AN INTERNALLY VENTILATED ROTATING ELECTRICAL MACHINE, AND ROTATING ELECTRICAL MACHINE COMPRISING SUCH A STATOR
 (73) Valeo Equipements Electriques Moteur
 (72) DUNESME, Xavier
 FOURNIER, Jérôme
 LANGLARD, Nicolas
 FAVEROLLE, Pierre
 (31) 0756432
 (32) 11.07.2007
 (33) France
-
- (51) H02K 3/34
 H02K 5/08
 H02K 3/52
 H02K 29/08
 F04D 13/06
 H02K 5/02
 H02K 5/22
 H02K 15/12
 (11) EP2908408
 (21) EP13846624.8
 (47) 01.05.2019
 (87) JP2013073562
 24.04.2014
 (22) 02.09.2013
 (54) MOLDED MOTOR AND AIR CONDITIONER
 (73) Mitsubishi Electric Corporation
 (72) YAMAMOTO, Mineo
 KAWAKUBO, Mamoru
 ISHII, Hiroyuki
 ASO, Hiroki
 OYA, Junichiro
 URABE, Yuto
 (31) 2012228317
 (32) 15.10.2012
 (33) Japan
-
- (51) H02K 5/20
 H02K 9/19
 H02K 5/18
 (11) EP3109977
 (21) EP16172145.1
 (47) 01.05.2019
 (22) 31.05.2016
- (54) ROTATING ELECTRICAL MACHINE AND COOLING SYSTEM OF ROTATING ELECTRICAL MACHINE
 (73) Hitachi, Ltd.
 (72) IMURA, Makoto
 NAKA, Yasuhiro
 SUGIMOTO, Shinji
 KORI, Daisuke
 (31) 2015127263
 (32) 25.06.2015
 (33) Japan
-
- (51) H02K 5/22
 H02K 3/04
 H02K 3/50
 H02K 15/04
 (11) EP2833523
 (21) EP13767867.8
 (47) 01.05.2019
 (87) JP2013002019
 03.10.2013
 (22) 25.03.2013
 (54) STATOR OF RESOLVER AND METHOD FOR MANUFACTURING STATOR STRUCTURE
 (73) Japan Aviation Electronics Industry, Ltd.
 (72) OZAKI, Yoshiaki
 (31) 2012080440
 (32) 30.03.2012
 (33) Japan
-
- (51) H02K 5/22
 H02K 9/197
 H02K 11/33
 H02K 9/19
 H02K 5/20
 (11) EP3163721
 (21) EP16187262.7
 (47) 01.05.2019
 (22) 05.09.2016
 (54) ELECTRIC MACHINE
 (73) ROBERT BOSCH GMBH
 (72) Liu, Zhengyu
 (31) 102015220852
 (32) 26.10.2015
 (33) Germany
-
- (51) H02K 5/24
 (11) EP2325982
 (21) EP10014302.3
 (47) 01.05.2019
 (22) 04.11.2010
 (54) Motor damping structure for actuator device
 (73) Calsonic Kansei Corporation
 (72) Mori, Kazuaki
 Takahashi, Hideyuki
 Tanaka, Kaoru
 Kawabata, Tomohiro
 (31) 2009265423
 (32) 20.11.2009
 (33) Japan
-
- (51) H02K 7/116
 H02K 5/04
 B60T 7/10
 B60T 13/74
 F16D 65/18
 F16D 121/24
 F16D 125/48
 F16D 55/08
 (11) EP2922184
 (21) EP14161067.5

(47) 01.05.2019	(54) CONTROL UNIT AND ELECTRIC	(73) Honeywell International Inc.
(22) 21.03.2014	POWER STEERING DEVICE USING	(72) KELLY, Jeff M.
(54) Actuator assembly	SAME	(31) 201715413681
(73) IMS Gear SE & Co. KGaA	(73) Mitsubishi Electric Corporation	(32) 24.01.2017
(72) Fechler, Jens	(72) KOIKE, Hisashi	(33) United States of America
Ambs, Marcel	TANIGAWA, Masaaki	(51) H02M 1/08
Karnat, Björn	YOSHII, Dai	H02M 3/155
(51) H02K 7/18	(51) H02K 11/04	H02M 3/335
(11) EP2784916	(11) EP2880747	(11) EP3269027
(21) EP14155750.4	(21) EP13773395.2	(21) EP16710646.7
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(22) 19.02.2014	(87) IB2013056147	(87) US2016021945
(54) Device for generating electrical energy or	06.02.2014	15.09.2016
sensing material flow	(22) 26.07.2013	(22) 11.03.2016
(73) Deere & Company	(54) ALTERNATOR ROTOR	(54) COMBINATORIAL/SEQUENTIAL PULSE
(72) Singh, Brij N.	(73) Moteurs Leroy-Somer	WIDTH MODULATION
Rhodes, Michael L.	(72) VOHLGEMUTH, Patrick	(73) Microchip Technology Incorporated
(31) 201313849845	(31) 1257502	(72) KRIS, Bryan
(32) 25.03.2013	(32) 01.08.2012	BOWLING, Stephen
(33) United States of America	(33) France	DUMAIS, Alex
(51) H02K 7/18	(51) H02K 11/215	(31) 201562132025 P
B63B 22/00	H02K 29/08	201615064843
B63B 35/00	(11) EP2404370	(32) 12.03.2015
F03B 3/14	(21) EP10706338.0	09.03.2016
F03B 13/26	(47) 01.05.2019	(33) United States of America
H02J 3/38	(87) GB2010050301	United States of America
(11) EP3340442	10.09.2010	(51) H02M 1/08
(21) EP16836861.1	(22) 22.02.2010	H03K 17/687
(47) 01.05.2019	(54) ELECTRIC MACHINE	(11) EP3220522
(87) JP2016067856	(73) Dyson Technology Limited	(21) EP15880026.8
23.02.2017	(72) CHEN, Yu	(47) 01.05.2019
(22) 15.06.2016	CELIK, Tuncay	(87) JP2015054726
(54) SUBSEA BUOY	CLOTHIER, Andrew	04.08.2016
(73) Kobelco Research Institute, Inc.	GREETHAM, Stephen	(22) 20.02.2015
(72) INOUE, Kenichi	(31) 0903664	(54) HIGH-FREQUENCY-ISOLATION GATE
ITO, Yutaka	(32) 03.03.2009	DRIVER CIRCUIT AND GATE CIRCUIT
TAKAGI, Nobuyoshi	(33) United Kingdom	DRIVING METHOD
KURITANI, Kingo	(51) H02K 11/33	(73) Kyosan Electric Mfg. Co., Ltd.
(31) 2015162717	H02M 7/00	(72) YUZURIHARA, Itsuo
(32) 20.08.2015	H05K 7/20	KUNITAMA, Hiroshi
(33) Japan	H01L 23/367	(31) 2015016741
(51) H02K 11/00	H05K 1/02	(32) 30.01.2015
(11) EP2514078	(11) EP3261230	(33) Japan
(21) EP10708494.9	(21) EP17176546.4	(51) H02M 1/088
(47) 01.05.2019	(47) 01.05.2019	(11) EP2752952
(87) EP2010001258	(22) 19.06.2017	(21) EP12828667.1
09.09.2011	(54) ELECTROMECHANICAL MOTOR UNIT	(47) 01.05.2019
(22) 01.03.2010	(73) JTEKT CORPORATION	(87) JP2012071687
(54) METHOD FOR MONITORING THE	(72) HIEDA, Takahito	07.03.2013
GROUNDING FUNCTION AND USE OF	YOSHIDA, Kouya	(22) 28.08.2012
THE METHOD	TANI, Naoki	(54) CONTROL DEVICE FOR LOAD CIRCUIT
(73) Siemens Aktiengesellschaft	(31) 2016122758	(73) Yazaki Corporation
(72) HASSEL, Jörg	(32) 21.06.2016	(72) MARUYAMA, Akinori
PROBOL, Carsten	(33) Japan	UETA, Keisuke
STECKENBORN, Arno	(51) H02M 1/00	NAKAMURA, Yoshihide
THEILE, Oliver	F02P 3/12	IKUTA, Yoshinori
TISCHMACHER, Hans	F02P 15/00	(31) 2011190288
(51) H02K 11/00	F02C 7/266	(32) 01.09.2011
B62D 5/04	H02M 7/06	(33) Japan
H02K 5/22	F02P 9/00	(51) H02M 1/36
(11) EP3220520	(11) EP3352352	H02M 7/483
(21) EP14905679.8	(21) EP18153106.2	H02M 5/44
(47) 01.05.2019	(47) 01.05.2019	H02M 5/45
(87) JP2014080236	(22) 23.01.2018	(11) EP3026805
19.05.2016	(54) GAS TURBINE ENGINE INCLUDING	(21) EP15196925.0
(22) 14.11.2014	A RECTIFIERLESS ELECTRONIC	(47) 01.05.2019
	CONTROL UNIT AND METHOD FOR	(22) 30.11.2015
	SUPPLYING POWER TO SAME	

(54) SYSTEM AND METHOD FOR OPERATING POWER CONVERTERS	(51) H02M 3/28 H02M 3/338 H02M 3/337 H02M 1/00	(32) 21.08.2008 (33) Japan
(73) General Electric Company	(11) EP2661804	(51) H02M 7/48 H02P 27/06 H02P 27/08 G01R 19/00 H02M 7/5387 H02M 1/00
(72) YUAN, Zhihui CHEN, Qingyun SCHROEDER, Stefan SHEN, Ji	(21) EP12732254.3 (47) 01.05.2019	(11) EP2485381 (21) EP10818573.7 (47) 01.05.2019 (87) JP2010005795 31.03.2011 (22) 27.09.2010
(31) 201414555956 (32) 28.11.2014 (33) United States of America	(87) US2012020006 12.07.2012 (22) 02.01.2012	(54) PHASE CURRENT DETECTION DEVICE AND INVERTER CIRCUIT USING THE SAME (73) Daikin Industries, Ltd. (72) HIBINO, Hiroshi (31) 2009222775 (32) 28.09.2009 (33) Japan
(51) H02M 3/00 H05B 33/08 H05B 37/02	(54) METHOD AND APPARATUS FOR RESONANT CONVERTER CONTROL	(51) H02M 7/49 (11) EP2165409 (21) EP08779994.6 (47) 01.05.2019 (87) US2008008312 15.01.2009 (22) 07.07.2008
(11) EP2636137 (21) EP11782742.8 (47) 01.05.2019 (87) US2011059460 10.05.2012	(73) Enphase Energy, Inc. (72) FORNAGE, Martin ZIMMANCK, Donald Richard (31) 201161460470 P (32) 03.01.2011 (33) United States of America	(54) SYSTEM AND METHOD FOR LIMITING INPUT VOLTAGE TO A POWER DELIVERY SYSTEM HAVING REGENERATION CAPABILITY (73) Siemens Aktiengesellschaft (72) BOUSFIELD, John Channing ZHANG, Xuan GAILLOT, Ronald (31) 948072 P 167623 (32) 05.07.2007 03.07.2008 (33) United States of America United States of America
(22) 04.11.2011	(51) H02M 5/297 H02J 3/34 H02M 5/16 H02M 7/483 H02M 5/293	(51) H02M 7/493 H02J 3/38 (11) EP2201671 (21) EP08840452.0 (47) 01.05.2019 (87) EP2008062846 23.04.2009 (22) 25.09.2008
(54) THERMAL MANAGEMENT IN A LIGHTING SYSTEM USING MULTIPLE, CONTROLLED POWER DISSIPATION CIRCUITS	(11) EP3223419 (21) EP16161612.3 (47) 01.05.2019 (22) 22.03.2016	(54) INVERTER, ESPECIALLY A SOLAR INVERTER, FEATURING LOAD COMPENSATION REGULATION (73) Siemens Aktiengesellschaft (72) REIHER, Karsten WEIDAUER, Jens (31) 102007049774 (32) 17.10.2007 (33) Germany
(73) Signify Holding B.V. (72) MELANSON, John L. KING, Eric J. (31) 201113290003 410168 P (32) 04.11.2011 04.11.2010 (33) United States of America United States of America	(54) DIRECT AC-AC CONVERTER ASSEMBLY AND CONVERSION SYSTEM USING SAME (73) GE Energy Power Conversion Technology Ltd (72) BASIC, Duro BRANDT, Axel	(51) H02M 7/537 H02M 7/483 H02M 1/12 (11) EP3095178 (21) EP15710759.0 (47) 01.05.2019 (87) EP2015055342 08.10.2015
(51) H02M 3/02 H02J 4/00 H02M 7/42 H02M 1/00	(11) EP2317638 (21) EP09808162.3 (47) 01.05.2019 (87) JP2009063351 25.02.2010 (22) 27.07.2009	(54) DIRECT CONVERSION DEVICE, METHOD FOR CONTROLLING SAME, AND CONTROL SIGNAL GENERATION DEVICE (73) Daikin Industries, Ltd. (72) SAKAKIBARA, Kenichi (31) 2008212989
(11) EP2993772 (21) EP15183899.2 (47) 01.05.2019 (22) 04.09.2015	(54) POWER CONTROL METHOD FOR CONTROLLING A DIRECT-TYPE AC POWER CONVERTER OR A DIRECT MATRIX CONVERTER	
(54) MULTI-MODE POWER CONVERTER POWER SUPPLY SYSTEM	(73) Daikin Industries, Ltd. (72) SAKAKIBARA Kenichi (31) 2008242482 (32) 22.09.2008 (33) Japan	
(73) Astronics Advanced Electronic Systems Corp. (72) Jouper, Jeffrey A. (31) 201414480096 (32) 08.09.2014 (33) United States of America	(51) H02M 7/48 H02M 5/297 H02M 7/12 H02M 7/493 H02M 5/458	
(51) H02M 3/155 (11) EP3180845 (21) EP15831702.4 (47) 01.05.2019 (87) US2015045147 18.02.2016 (22) 13.08.2015	(11) EP2317638 (21) EP09808162.3 (47) 01.05.2019 (87) JP2009063351 25.02.2010 (22) 27.07.2009	
(54) SWITCHED POWER STAGE AND A METHOD FOR CONTROLLING THE LATTER	(73) Chaoyang Semiconductor Jiangyin Technology Co., Ltd. (72) IHS, Hassan DOSLUOGLU, Taner (31) 201462037061 P 201514593830 (32) 13.08.2014 09.01.2015 (33) United States of America United States of America	

(22) 13.03.2015	(47) 01.05.2019	15.03.2013
(54) MODULAR POWER CONVERTER CIRCUIT WITH SUBMODULES WHICH ARE OPERATED IN LINEAR MODE	(87) JP2012000736 16.08.2012	15.03.2013
(73) Siemens Aktiengesellschaft	(22) 03.02.2012	19.08.2013
(72) FRIEDRICH, Christian	(54) MOTOR DRIVE DEVICE	12.03.2014
(31) 14001179	(73) Panasonic Corporation	(33) United States of America
(32) 31.03.2014	(72) FUKUE, Takashi	United States of America
(33) European Patent Office (EPO)	(31) 2011024914	United States of America
(51) H02N 2/02	(32) 08.02.2011	United States of America
H02N 2/10	(33) Japan	
H01L 41/09	(51) H02P 29/50	(51) H03F 1/32
G01D 5/241	H02P 15/02	H03F 3/217
(11) EP2624435	H02P 21/00	H03K 7/08
(21) EP12189619.5	B60L 15/02	H03K 17/16
(47) 01.05.2019	(11) EP2416490	H03F 1/26
(22) 23.10.2012	(21) EP11306003.2	(11) EP1971023
(54) Slip-stick piezoelectric actuator	(47) 01.05.2019	(21) EP07005405.1
(73) Samsung Electronics Co., Ltd	(22) 01.08.2011	(47) 01.05.2019
(72) Suh, Hwan-soo	(54) POWER TRAIN FOR A TRANSPORT VEHICLE, IN PARTICULAR A RAILWAY VEHICLE, AND METHOD FOR CONTROLLING SUCH A CHAIN	(22) 15.03.2007
(31) 20120009740	(73) ALSTOM Transport Technologies	(54) Suppression of high-frequency perturbations in pulse-width modulation
(32) 31.01.2012	(72) Desportes, Guillaume	(73) Harman Becker Automotive Systems GmbH
(33) Korea (Republic)	(71) Belin, Sébastien	(72) Pfaffinger, Gerhard
(51) H02P 9/30	Cypers, David	Knott, Arnold
(11) EP3068033	Giacomoni, Olivier	
(21) EP16160158.8	(31) 1056370	(51) H03F 1/32
(47) 01.05.2019	(32) 02.08.2010	H03F 3/24
(22) 14.03.2016	(33) France	H03F 1/02
(54) CONTROL OF HYBRID PERMANENT MAGNET MACHINE WITH ROTATING POWER CONVERTER AND ENERGY SOURCE	(51) H02S 40/44	H03F 3/193
(73) Hamilton Sundstrand Corporation	H02S 40/42	H03F 3/21
(72) ROZMAN, Gregory I.	(11) EP3369170	H03F 3/30
GIERAS, Jacek F.	(21) EP16793791.1	H03F 3/45
MOSS, Steven J.	(47) 01.05.2019	H03F 3/72
(31) 201514645471	(87) EP2016075887	(11) EP2766989
(32) 12.03.2015	04.05.2017	(21) EP12840293.0
(33) United States of America	(22) 27.10.2016	(47) 01.05.2019
(51) H02P 21/00	(54) COOLING MODULE FOR A PHOTOVOLTAIC UNIT	(87) KR2012008193
H02P 27/04	(73) ITP GmbH - Gesellschaft Für Intelligente Textile Produkte	18.04.2013
B62D 5/04	(72) RICHTER, Klaus	(22) 10.10.2012
H02P 27/08	JIMENEZ, Karen	(54) APPARATUS AND METHOD FOR CALIBRATION OF SUPPLY MODULATION IN TRANSMITTER
H02P 6/17	HUSCHKE, Dirk	(73) Samsung Electronics Co., Ltd.
H02P 21/22	(31) 102015220984	(72) PAEK, Ji-Seon
H02P 25/22	(32) 27.10.2015	NOH, Hee-Sang
H02P 29/024	(33) Germany	LIM, Hyung-Sun
(11) EP3171507	(51) H03F 1/32	KIM, Dong-Ki
(21) EP15822546.6	H03F 3/195	YANG, Jun-Seok
(47) 01.05.2019	H03F 3/24	(31) 20110105567
(87) JP2015069982	H03F 1/30	(32) 14.10.2011
21.01.2016	H03F 3/45	(33) Korea (Republic)
(22) 13.07.2015	(11) EP2779442	(51) H03F 3/217
(54) MOTOR CONTROL DEVICE, ELECTRIC POWER STEERING DEVICE MOUNTED WITH SAME, AND VEHICLE	(21) EP14159434.1	(11) EP2944025
(73) NSK Ltd.	(47) 01.05.2019	(21) EP14702075.4
(72) MORI Kenji	(22) 13.03.2014	(47) 01.05.2019
NAMPEI Kouichi	(54) Radio Frequency Domain Digital Pre- Distortion	(87) IB2014000020
AOSAKI Yoshihiro	(73) Analog Devices, Inc.	17.07.2014
(31) 2014144107	(72) Schafferer, Bernd	(22) 10.01.2014
(32) 14.07.2014	Zhao, Bing	(54) NARROW VOLTAGE RANGE MULTI-LEVEL OUTPUT PULSE MODULATED AMPLIFIER WITH ONE- BIT HYSTERESIS QUANTIZER
(33) Japan	(31) 201361801549 P	(73) Analog Devices Global Unlimited Company
(51) H02P 27/06	201361799723 P	(72) LI, Dan
H02K 1/27	201361787733 P	NI, Jinhua
H02P 27/16	201361867233 P	(31) 201313738450
(11) EP2675061	201414206451	(32) 10.01.2013
(21) EP12744746.4	(32) 15.03.2013	(33) United States of America
		(51) H03F 3/217
		H03F 1/02

H03F 1/56	(47) 01.05.2019	(54) LATERAL OVER-MODED BULK ACOUSTIC RESONATORS
H03F 3/26	(22) 18.08.2011	(73) Northrop Grumman Systems Corporation
(11) EP2553808	(54) CHARGE SHARING ANALOG COMPUTATION CIRCUITRY AND APPLICATIONS	(72) ADAM, John, D.
(21) EP11701719.4	(73) Analog Devices, Inc.	KRISHNASWAMY, Silai, V.
(47) 01.05.2019	(72) NESTLER, Eric	PIAZZA, Gianluca
(87) US2011021445	ZLATKOVIC, Vladimir	(31) 182065 P
06.10.2011	VENUTI, Jeffrey	(32) 28.05.2009
(22) 17.01.2011	(31) 374915 P	(33) United States of America
(54) VARIABLE CLASS CHARACTERISTIC AMPLIFIER	374954 P	<hr/>
(73) MKS Instruments, Inc.	374931 P	(51) H03H 9/64
(72) OWEN, Christopher Michael	374937 P	(11) EP2416496
CHAWLA, Yogendra K.	374904 P	(21) EP10761478.6
(31) 763640	374946 P	(47) 01.05.2019
320541 P	201161429922 P	(87) JP2010051024
(32) 20.04.2010	201161493893 P	14.10.2010
02.04.2010	PCT/US2011/041625	(22) 27.01.2010
(33) United States of America	(32) 18.08.2010	(54) ELASTIC WAVE FILTER
United States of America	18.08.2010	(73) Murata Manufacturing Co., Ltd.
<hr/>	18.08.2010	(72) TANIGUCHI, Yasumasa
(51) H03F 3/50	18.08.2010	(31) 2009081492
H04N 5/335	18.08.2010	(32) 30.03.2009
H04N 5/357	18.08.2010	(33) Japan
H04N 5/378	18.08.2010	<hr/>
(11) EP2362640	18.08.2010	(51) H03K 3/037
(21) EP10153627.4	05.01.2011	H03K 3/3562
(47) 01.05.2019	06.06.2011	(11) EP2582046
(22) 15.02.2010	23.06.2011	(21) EP11792489.4
(54) Compact low noise signal readout circuit and method for operating thereof	(33) United States of America	(47) 01.05.2019
(73) CSEM Centre Suisse d'Electronique et de Microtechnique SA - Recherche et Développement	United States of America	(87) JP2011063154
(72) Lotto, Christian	United States of America	15.12.2011
Seitz, Peter	United States of America	(22) 08.06.2011
Neukom, Simon	United States of America	(54) FLIP-FLOP CIRCUIT, SEMICONDUCTOR DEVICE AND ELECTRONIC APPARATUS
<hr/>	United States of America	(73) National University Corporation Kyoto Institute of Technology
(51) H03F 3/60	World Intellectual Property Office (WIPO)	(72) KOBAYASHI, Kazutoshi
H03F 3/343	(51) H03H 9/02	FURUTA, Jun
H03F 1/22	H03H 9/10	ONODERA, Hidetoshi
H03F 3/26	H03H 9/145	(31) 2010134066
H03F 3/45	H01L 23/02	(32) 11.06.2010
H03F 3/42	H01L 23/08	(33) Japan
H01P 7/00	(11) EP3007357	<hr/>
(11) EP1678821	(21) EP14804827.5	(51) H03K 17/12
(21) EP04796637.9	(47) 01.05.2019	H03K 17/082
(47) 01.05.2019	(87) JP2014063447	H02H 3/08
(87) US2004035794	04.12.2014	(11) EP2345158
19.05.2005	(22) 21.05.2014	(21) EP09747878.8
(22) 28.10.2004	(54) SURFACE ACOUSTIC WAVE DEVICE	(47) 01.05.2019
(54) MULTI-PRIMARY DISTRIBUTED ACTIVE TRANSFORMER AMPLIFIER POWER SUPPLY AND CONTROL	(73) Murata Manufacturing Co., Ltd.	(87) FR2009001174
(73) Axiom Microdevices, Inc.	(72) KIKUCHI, Taku	08.04.2010
(72) KEE, Scott, D.	FUKUSHIMA, Masahiro	(22) 01.10.2009
AOKI, Ichiro	(31) 2013110688	(54) SEGMENTAL ELECTRONIC CIRCUIT BREAKER AND INSTALLATION COMPRISING SAME
WU, Hui	2013189972	(73) Novatec SA
HAJIMIRI, Seyed-Ali	(32) 27.05.2013	Carrillo, Jean-Jacques
CARR, Frank	13.09.2013	(72) CARRILLO, Jean-Jacques
MAGOON, Rahul	(33) Japan	(31) 0805433
KRAL, Alexandre	Japan	(32) 01.10.2008
MELLATI, Afshin	(51) H03H 9/17	(33) France
BOHN, Florian	H03H 3/02	<hr/>
MCCLYMONT, Donald	H03H 9/02	(51) H03K 17/14
(31) 515075 P	H03H 9/15	H03F 3/72
(32) 28.10.2003	H03H 9/24	H05B 37/02
(33) United States of America	(11) EP2436049	H03K 17/16
<hr/>	(21) EP10781289.3	(11) EP2822179
(51) H03H 7/00	(47) 01.05.2019	(21) EP14175120.6
(11) EP3133737	(87) US2010036614	(47) 01.05.2019
(21) EP16188984.5	02.12.2010	(22) 01.07.2014
	(22) 28.05.2010	

(54) Light projecting device drive circuit and photoelectric sensor	(47) 01.05.2019	(33) United States of America
(73) Azbil Corporation	(22) 16.03.2015	(51) H04B 1/10
(72) Kajita, Tetsuya	(54) ESTIMATION OF DIGITAL-TO-ANALOG CONVERTER STATIC MISMATCH ERRORS	H04B 1/12
(31) 2013140739	(73) Analog Devices Global Unlimited Company	H04B 1/52
(32) 04.07.2013	(72) Zhao, Jialin	(11) EP2880768
(33) Japan	Schreier, Richard E.	(21) EP13779350.1
(51) H03K 17/96	Silva, Jose Barreiro	(47) 01.05.2019
B32B 17/10	Shibata, Hajime	(87) IB2013056155
F21V 23/04	Yang, Wenhua W.	06.02.2014
(11) EP2766994	Dong, Yunzhi	(22) 26.07.2013
(21) EP12766994.3	(31) 201461976224 P	(54) LOW COMPLEXITY ALL-DIGITAL PIM COMPENSATOR
(47) 01.05.2019	201414302173	(73) Telefonaktiebolaget LM Ericsson (publ)
(87) EP2012069558	(32) 07.04.2014	(72) WYVILLE, Mark
18.04.2013	11.06.2014	THOREBÄCK, Lars Johan
(22) 04.10.2012	(33) United States of America	(31) 201213565167
(54) PANE WITH LIT BUTTON	United States of America	201313732610
(73) Saint-Gobain Glass France	(51) H03M 13/29	(32) 02.08.2012
(72) REUL, Bernhard	H03M 13/39	02.01.2013
SCHMALBUCH, Klaus	H04L 1/00	(33) United States of America
(31) 11184476	(11) EP2332260	United States of America
(32) 10.10.2011	(21) EP09792585.3	(51) H04B 1/10
(33) European Patent Office (EPO)	(47) 01.05.2019	H04B 1/16
(51) H03K 19/0185	(87) US2009057079	H04H 40/72
H03K 3/012	25.03.2010	(11) EP2226947
H03K 3/356	(22) 16.09.2009	(21) EP10154185.2
(11) EP3304736	(54) CHANNEL ADAPTIVE ITERATIVE TURBO DECODER SYSTEM AND METHOD	(47) 01.05.2019
(21) EP16724812.9	(73) Analog Devices, Inc.	(22) 22.02.2010
(47) 01.05.2019	(72) STEIN, Yosef	(54) Selection filter assembly for an electronic receiver and selection filtering method
(87) US2016031981	MALEPATI, Hazarathaiiah	(73) Robert Bosch GmbH
08.12.2016	PRIMO, Haim	(72) Risse, Marcus
(22) 12.05.2016	(31) 283863	(31) 102009001345
(54) VOLTAGE LEVEL SHIFTERS EMPLOYING PRECONDITIONING CIRCUITS, AND RELATED SYSTEMS AND METHODS	(32) 16.09.2008	(32) 05.03.2009
(73) Qualcomm Incorporated	(33) United States of America	(33) Germany
(72) NADKARNI, Rahul Krishnakumar	(51) H03M 13/41	(51) H04B 1/10
LILES, Stephen Edward	(11) EP2339757	H04M 1/19
GARG, Manish	(21) EP10196104.3	(11) EP3092719
(31) 201514731747	(47) 01.05.2019	(21) EP14833584.7
(32) 05.06.2015	(22) 21.12.2010	(47) 01.05.2019
(33) United States of America	(54) Power-reduced preliminary decoded bits in viterbi decoder	(87) FR2014000279
(51) H03L 7/089	(73) NXP B.V.	16.07.2015
(11) EP2366220	(72) Hekstra, Andries Pieter	(22) 15.12.2014
(21) EP09752683.4	Tang, Weihua	(54) FILTER DEVICE FOR PORTABLE MOBILE TERMINAL PMR, MOBILE TERMINAL
(47) 01.05.2019	(31) 647885	(73) Airbus DS SAS
(87) US2009064267	(32) 28.12.2009	(72) LERAUT, Christophe
20.05.2010	(33) United States of America	FRAYSSE, Frédéric
(22) 12.11.2009	(51) H04B 1/00	GEORGEAUX, Eric
(54) TECHNIQUES FOR MINIMIZING CONTROL VOLTAGE RIPPLE DUE TO CHARGE PUMP LEAKAGE IN PHASE LOCKED LOOP CIRCUITS	(11) EP2965435	(31) 1450154
(73) QUALCOMM Incorporated	(21) EP14711423.5	(32) 09.01.2014
(72) RAGHUNATHAN, Ashwin	(47) 01.05.2019	(33) France
PEDRALI-NOY, Marzio	(87) US2014020800	(51) H04B 1/16
(31) 114041 P	12.09.2014	H04W 52/02
367969	(22) 05.03.2014	H04W 84/20
(32) 12.11.2008	(54) SIMULTANEOUS SIGNAL RECEIVER WITH INTERSPERSED FREQUENCY ALLOCATION	H04W 74/04
09.02.2009	(73) Qualcomm Incorporated	(11) EP2457332
(33) United States of America	(72) KO, Jin-Su	(21) EP09847520.5
United States of America	KIM, Hong Sun	(47) 01.05.2019
(51) H03M 1/10	ZHAO, Liang	(87) IB2009006351
H03M 3/04	WANG, Cheng-Han	27.01.2011
H03M 1/74	FARMER, Dominic Gerard	(22) 23.07.2009
(11) EP2930849	(31) 201313791048	(54) METHOD AND APPARATUS FOR REDUCED POWER CONSUMPTION WHEN OPERATING AS A BLUETOOTH LOW ENERGY DEVICE
(21) EP15159281.3	(32) 08.03.2013	(73) Nokia Technologies Oy

(72) KERAI, Kanji DENT, James	(33) United States of America	(72) Dehmas, François Ouvry, Laurent Pezzin, Manuel
(51) H04B 1/3888 H04M 1/03 H04M 1/04 H04M 1/18 H04M 1/20 H04B 1/38 G06F 1/16	(51) H04B 1/48 H04B 1/525 H04W 52/02	(31) 1455612 (32) 18.06.2014 (33) France
(11) EP3005666 (21) EP14736170.3 (47) 01.05.2019 (87) US2014041418 11.12.2014 (22) 06.06.2014 (54) WATERPROOF ACOUSTIC ISOLATION MECHANISM WITH MEMBRANE	(11) EP3238347 (21) EP14908667.0 (47) 01.05.2019 (87) CN2014094502 30.06.2016 (22) 22.12.2014 (54) RECEIVE SUPERVISION METHOD AND RADIO UNIT	(51) H04B 1/7163 H04B 1/719 H04B 1/712 H04B 1/7117 H04B 1/10 (11) EP3163763 (21) EP16195872.3 (47) 01.05.2019 (22) 26.10.2016 (54) EFFICIENT RAKE RECEIVER FINGER SELECTION
(73) Otter Products, LLC (72) RICHARDSON, Curtis, R. LOUDENSLAGER, John, H. JOHNSON, Jaime, L. THOMPSON, Jason, M. LUCAS, Jonathan, D. BORRA, Jeffrey, M.	(73) Telefonaktiebolaget LM Ericsson (publ) (72) GAO, Xiang LI, Ming YIN, Wenbin	(73) NXP B.V. (72) Koppelaar, Arie Geert Cornelis Hekstra, Andries Pieter Leong, Frank Drude, Stefan van Splunter, Marinus
(31) 201313911317 201414218662 201414289521 (32) 06.06.2013 18.03.2014 28.05.2014 (33) United States of America United States of America United States of America	(51) H04B 1/525 (11) EP3042451 (21) EP14812096.7 (47) 01.05.2019 (87) US2014067213 28.05.2015 (22) 25.11.2014 (54) FEED-FORWARD CANCELLER	(31) 201514923871 (32) 27.10.2015 (33) United States of America
(51) H04B 1/40 H03K 17/965 (11) EP2384550 (21) EP09836659.4 (47) 01.05.2019 (87) US2009066639 08.07.2010 (22) 03.12.2009 (54) PORTABLE ELECTRONIC DEVICE HAVING DIRECTIONAL PROXIMITY SENSORS BASED ON DEVICE ORIENTATION	(73) Raytheon Company (72) WEBB, Kenneth, M. HALL, Charles, A. SRIVASTAVA, Tina, P. MCDOWELL, Anthony, T.	(51) H04B 3/20 H04L 12/28 (11) EP3323224 (21) EP16742062.9 (47) 01.05.2019 (87) US2016038268 19.01.2017 (22) 19.06.2016 (54) FULL DUPLEX NETWORK ARCHITECTURE IN CABLE NETWORK ENVIRONMENTS
(73) Google Technology Holdings LLC (72) ALAMEH, Rachid, M. DIETRICH, Aaron, L.	(31) 201361908373 P 201414260727 (32) 25.11.2013 24.04.2014 (33) United States of America United States of America	(11) EP3323224 (21) EP16742062.9 (47) 01.05.2019 (87) US2016038268 19.01.2017 (22) 19.06.2016 (54) FULL DUPLEX NETWORK ARCHITECTURE IN CABLE NETWORK ENVIRONMENTS
(31) 347146 (32) 31.12.2008 (33) United States of America	(51) H04B 1/59 H04L 1/18 (11) EP2490340 (21) EP10823356.0 (47) 01.05.2019 (87) JP2010067768 21.04.2011 (22) 08.10.2010 (54) WIRELESS COMMUNICATION SYSTEM, TRANSMITTER APPARATUS, RECEIVER APPARATUS, RECEIVING METHOD, AND TRANSMITTING METHOD	(31) 201562192924 P 201615052428 (32) 15.07.2015 24.02.2016 (33) United States of America United States of America
(51) H04B 1/403 H04B 1/707 (11) EP2742597 (21) EP12743862.0 (47) 01.05.2019 (87) US2012048799 14.02.2013 (22) 30.07.2012 (54) APPARATUS AND METHOD OF USING CDMA ARCHITECTURE FOR 3GPP2 COMPLIANT TRANSCEIVERS	(73) QUADRAC Co., Ltd. (72) KUSAKABE, Susumu KUBONO, Fumio SUZUKI, Mamoru	(51) H04B 3/54 G01D 4/00 (11) EP2916466 (21) EP15305332.7 (47) 01.05.2019 (22) 04.03.2015 (54) Electrical activity sensor device for detecting electrical activity and electrical activity monitoring apparatus
(73) Google Technology Holdings LLC (72) SCHWENT, Dale, G. CHANCE, Gregory, W. KLOMSDORF, Armin, W.	(31) 2009239880 (32) 16.10.2009 (33) Japan (51) H04B 1/7163 H04B 1/7183 H04B 1/7075 H04B 14/04 H04L 5/00	(73) THOMSON Licensing (72) Louzir, Ali Le Naour, Jean-Yves Robert, Jean-Luc
(31) 201113205661 (32) 09.08.2011	(11) EP2958245 (21) EP15172235.2 (47) 01.05.2019 (22) 16.06.2015 (54) UWB RECEIVER WITH ROBUST TRACKING OF TIME DRIFT	(31) 14305313 (32) 05.03.2014 (33) European Patent Office (EPO)
	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives	(51) H04B 3/54 G01D 4/00 H02J 13/00 G01R 21/00 H01H 47/00 (11) EP2652444

(21) EP11805819.7	(72) GUILLOT, François	H04L 1/00
(47) 01.05.2019	(31) 1552499	H04L 5/14
(87) EP2011072969	(32) 25.03.2015	(11) EP2850741
21.06.2012	(33) France	(21) EP13790948.7
(22) 15.12.2011	(51) H04B 3/56	(47) 01.05.2019
(54) METHOD AND SYSTEM FOR	H01F 38/14	(87) US2013040822
IDENTIFYING AT LEAST ONE	H03H 7/01	21.11.2013
ELECTRICALLY POWERED DEVICE	H04B 3/54	(22) 13.05.2013
BY A POWER SUPPLY DEVICE VIA A	H04L 25/02	(54) DISTRIBUTED COLLABORATIVE
POWERLINE CONNECTION	(11) EP3275083	SIGNALING IN FULL DUPLEX
(73) NEC Corporation	(21) EP16714795.8	WIRELESS TRANSCEIVERS
(72) QUITTEK, Juergen	(47) 01.05.2019	(73) Khandani, Amir
DUDKOWSKI, Dominique	(87) EP2016056272	(72) Khandani, Amir
BRUNNER, Marcus	29.09.2016	(31) 201261646312 P
(31) 10015661	(22) 22.03.2016	201361771815 P
(32) 15.12.2010	(54) POWER/DATA ELECTRICAL COUPLER	(32) 13.05.2012
(33) European Patent Office (EPO)	(73) Safran Electronics & Defense SAS	02.03.2013
(51) H04B 3/54	(72) GUILLOT, François	(33) United States of America
H04B 7/0413	(31) 1552498	United States of America
H04B 15/00	(32) 25.03.2015	(51) H04B 7/02
H04L 25/02	(33) France	H04B 1/7083
H04L 25/03	(51) H04B 5/00	H04B 1/711
(11) EP2622809	(11) EP2933757	(11) EP2326027
(21) EP11779765.4	(21) EP13863384.7	(21) EP09812630.3
(47) 01.05.2019	(47) 01.05.2019	(47) 01.05.2019
(87) FR2011052282	(87) JP2013082014	(87) CN2009073190
05.04.2012	19.06.2014	18.03.2010
(22) 30.09.2011	(22) 28.11.2013	(22) 11.08.2009
(54) NOISE LIMITATION FOR	(54) COMMUNICATION DEVICE,	(54) MULTI-PATH SEARCHING APPARATUS
TRANSMISSION IN A MULTI-PATH	COMMUNICATION METHOD,	AND METHOD SUPPORTING
CHANNEL	INTEGRATED CIRCUIT, AND	TRANSMISSION DIVERSITY MODE
(73) Orange	ELECTRONIC INSTRUMENT	DETECTION
(72) PAGANI, Pascal	(73) Sony Corporation	(73) Sanechips Technology Co., Ltd.
HASHMAT, Rehan	(72) MASUDA Kotaro	(72) YANG, Xianlin
(31) 1057924	AKAIDA Tetsuro	(31) 200810141900
(32) 30.09.2010	(31) 2012271030	(32) 11.09.2008
(33) France	(32) 12.12.2012	(33) China
(51) H04B 3/54	(33) Japan	(51) H04B 7/04
H04L 1/00	(51) H04B 5/00	H01Q 3/26
H04L 5/00	H02J 7/02	H01Q 3/28
(11) EP2963838	(11) EP2569869	H01Q 3/30
(21) EP13876649.8	(21) EP11721915.4	H01Q 21/22
(47) 01.05.2019	(47) 01.05.2019	H04B 7/06
(87) CN2013072245	(87) US2011036410	H04L 5/00
04.09.2014	17.11.2011	H04W 52/14
(22) 06.03.2013	(22) 13.05.2011	H04W 52/22
(54) METHOD AND APPARATUS FOR	(54) RESONANCE DETECTION AND	H04W 52/24
COMMUNICATION THROUGH POWER	CONTROL WITHIN A WIRELESS	H04W 52/32
LINE	POWER SYSTEM	H04W 52/34
(73) Siemens Aktiengesellschaft	(73) Qualcomm Incorporated	H04W 52/42
(72) YE, Hua	(72) WHEATLEY, Charles E., III	H04B 17/24
(31) 201310065005	LOW, Zhen Ning	(11) EP3275090
(32) 28.02.2013	(31) 944211	(21) EP15712607.9
(33) China	334523 P	(47) 01.05.2019
(51) H04B 3/56	(32) 11.11.2010	(87) EP2015056401
H01F 38/14	13.05.2010	29.09.2016
H03H 7/01	(33) United States of America	(22) 25.03.2015
H03H 7/09	United States of America	(54) SYSTEMS, METHODS AND COMPUTER
H04B 3/54	(51) H04B 7/00	PROGRAM PRODUCTS FOR
H04L 25/02	H04B 7/02	OPTIMIZING A WIRELESS CHANNEL
(11) EP3275084	H04B 7/026	BETWEEN A USER EQUIPMENT AND A
(21) EP16714800.6	H04B 7/04	BASE STATION
(47) 01.05.2019	H04B 7/0417	(73) Sony Corporation
(87) EP2016056324	H04B 7/06	(72) BENGTSSON, Erik
29.09.2016	H04B 7/10	EDFORS, Ove
(22) 23.03.2016	H04B 1/12	(51) H04B 7/04
(54) POWER/DATA ELECTRICAL COUPLER	H04B 1/525	H04B 7/06
(73) Safran Electronics & Defense SAS	H04L 1/18	(11) EP3123626

(21) EP15769817.6	H04B 10/118	(87) CN2007002763
(47) 01.05.2019	H04B 10/112	27.03.2008
(87) KR2015001497	G05D 1/00	(22) 19.09.2007
01.10.2015	B64B 1/40	(54) THE METHOD AND DEVICE FOR
(22) 13.02.2015	(11) EP2803148	ESTABLISHING COMMUNICATION
(54) METHOD OF PERFORMING A HYBRID	(21) EP13735953.5	BETWEEN THE MS AND THE BS IN THE
BEAMFORMING IN A WIRELESS	(47) 01.05.2019	MULTI-HOP RELAY NETWORK
COMMUNICATION SYSTEM AND	(87) US2013020538	(73) Alcatel Lucent
APPARATUS THEREFOR	18.07.2013	(72) LIU, Erwu2c/o Alcatel-Lucent Shanghai Bell
(73) LG Electronics Inc.	(22) 07.01.2013	Co.Ltd.
(72) KIM, Kitae	(54) USING PREDICTED MOVEMENT	WANG, Dongyao
KANG, Jiwon	TO MAINTAIN OPTICAL-	LIU, Jimin
LEE, Kilbom	COMMUNICATION LOCK WITH	SHEN, Gang
(31) 201461969277 P	NEARBY BALLOON	(31) 200610116346
(32) 24.03.2014	(73) X Development LLC	(32) 20.09.2006
(33) United States of America	(72) DEVAUL, Richard, Wayne	(33) China
(51) H04B 7/0413	TELLER, Eric	(51) H04B 7/26
H04L 1/00	BIFFLE, Clifford, L.	H04J 3/06
H04L 1/06	WEAVER, Josh	(11) EP3188381
H04L 25/02	(31) 201213346654	(21) EP17020025.7
H04L 27/26	(32) 09.01.2012	(47) 01.05.2019
(11) EP2395719	(33) United States of America	(22) 13.08.2008
(21) EP11166524.6	(51) H04B 7/204	(54) DELAY MANAGEMENT FOR
(47) 01.05.2019	H04W 56/00	DISTRIBUTED COMMUNICATIONS
(22) 07.07.2005	H04B 7/185	NETWORKS
(54) Adaptive pilot insertion for a MIMO-OFDM	H04B 7/212	(73) CommScope Technologies LLC
system	(11) EP2853043	(72) Stuart, Steven, B.
(73) Qualcomm Incorporated	(21) EP13793496.4	(31) 839086
(72) Walton, Jay Rodney	(47) 01.05.2019	(32) 15.08.2007
Wallace, Mark S.	(87) US2013042379	(33) United States of America
(31) 896277	28.11.2013	(51) H04B 10/07
(32) 20.07.2004	(22) 23.05.2013	H04B 10/25
(33) United States of America	(54) SYNCHRONIZATION IN A	H04B 10/079
(51) H04B 7/0452	GEOSTATIONARY SATELLITE SYSTEM	G02B 6/42
H04B 7/06	(73) Hughes Network Systems, LLC	(11) EP3241291
H04W 72/12	(72) UDAYA, Bhaskar	(21) EP16742638.6
(11) EP1515456	YEZDI, Anita	(47) 01.05.2019
(21) EP03733416.6	SATYAJIT, Roy	(87) CN2016070056
(47) 01.05.2019	(31) 201213479094	04.08.2016
(87) JP2003007535	201213538119	(22) 04.01.2016
31.12.2003	(32) 23.05.2012	(54) BI-DIRECTIONAL TAP-MONITOR FOR
(22) 13.06.2003	29.06.2012	OPTICAL ADD-DROP PHOTONIC CHIP
(54) RADIO COMMUNICATION SYSTEM	(33) United States of America	(73) Huawei Technologies Co. Ltd.
AND SCHEDULING METHOD	United States of America	(72) JIANG, Jia
(73) Godo Kaisha IP Bridge 1	(51) H04B 7/216	(31) 201514608874
(72) YOSHII, Isamu	H04B 7/185	(32) 29.01.2015
UESUGI, Mitsuru	H04B 1/00	(33) United States of America
UEHARA, Toshiyuki	(11) EP2938009	(51) H04B 10/073
(31) 2002179818	(21) EP15156322.8	G02B 6/44
(32) 20.06.2002	(47) 01.05.2019	H04B 10/25
(33) Japan	(22) 14.05.2002	(11) EP3125444
(51) H04B 7/185	(54) CHANNEL QUALITY MEASUREMENTS	(21) EP15768335.0
(11) EP2151930	FOR DOWNLINK RESOURCE	(47) 01.05.2019
(21) EP09251841.4	ALLOCATION	(87) JP2015053946
(47) 01.05.2019	(73) InterDigital Technology Corporation	01.10.2015
(22) 22.07.2009	(72) Terry, Stephen, E.	(22) 13.02.2015
(54) Secondary payload interface	Dick, Stephen G.	(54) OPTICAL COMMUNICATION DEVICE
(73) Oribtal Sciences Corporation	Miller, James, M.	AND OPTICAL COMMUNICATION
(72) Atkinson, Leonard A.	Zeira, Ariela	METHOD
Howard, Jonathan	Zeira, Eldad	(73) Sony Corporation
Huebner, Ronald E.	(31) 290739 P	(72) YAMAMOTO, Masanari
Anhalt, David	(32) 14.05.2001	TOBA, Kazuaki
Pappageorge, Nicholas J.	(33) United States of America	SUZUKI, Kazuyoshi
Singer, Richard A.	(51) H04B 7/26	KONDO, Kazumoto
(31) 185717	H04B 7/15	NAKAJIMA, Yasuhisa
(32) 04.08.2008	(11) EP2068459	MIYAZAKI, Satoshi
(33) United States of America	(21) EP07816379.7	(31) 2014065813
(51) H04B 7/185	(47) 01.05.2019	(32) 27.03.2014

(33) Japan	(22) 15.09.2014	(51) H04H 20/00
(51) H04B 10/079	(54) MULTI-WAVELENGTH DISTRIBUTED RAMAN AMPLIFICATION SET-UP	H04N 7/173
H04B 10/516		H04N 21/854
(11) EP3119016	(73) Cisco Technology, Inc.	(11) EP2912791
(21) EP16177979.8	(72) GRISERI, Enrico	(21) EP11750950.5
(47) 01.05.2019	SELF, Enrico	(47) 01.05.2019
(22) 05.07.2016	BRUNELLA, Mauro	(87) KR2011001526
(54) APPARATUS AND METHOD FOR DETECTING ONLINE FAILURE AND SYSTEM	(31) 201314037794	09.09.2011
(73) FUJITSU LIMITED	(32) 26.09.2013	(22) 04.03.2011
(72) Li, Lei	(33) United States of America	(54) METHOD AND APPARATUS FOR GENERATING AND REPRODUCING ADAPTIVE STREAM BASED ON FILE FORMAT, AND RECORDING MEDIUM THEREOF
Liu, Bo	(51) H04B 10/516	(73) Samsung Electronics Co., Ltd
(31) 201510408788	H04L 27/34	(72) XU, Yiling
(32) 13.07.2015	(11) EP3164952	RHYU, Sung-Ryeul
(33) China	(21) EP15734266.8	ZHANG, Guanhua
(51) H04B 10/116	(47) 01.05.2019	SONG, Jae-Yeon
H04L 25/02	(87) JP2015067812	(31) 20100020148
H04L 25/49	07.01.2016	(32) 05.03.2010
H04Q 9/00	(22) 16.06.2015	(33) Korea (Republic)
G09G 3/20	(54) METHOD FOR GENERATING CODE FOR COHERENT OPTICAL COMMUNICATIONS	(51) H04H 20/22
G09G 3/34	(73) Mitsubishi Electric Corporation	(11) EP2506463
G09G 3/36	(72) KOJIMA, Keisuke	(21) EP12158544.2
G09G 5/10	MILLAR, David	(47) 01.05.2019
(11) EP3043551	AKINO, Toshiaki	(22) 08.03.2012
(21) EP14842457.5	PARSONS, Kieran	(54) METHOD FOR MANAGING ALTERNATIVE FREQUENCY LISTS AND APPARATUS FOR RDS
(47) 01.05.2019	(31) 201414320766	(73) Samsung Electronics Co., Ltd.
(87) JP2014003630	(32) 01.07.2014	(72) Kim, Jin Young
12.03.2015	(33) United States of America	(31) 20110027461
(22) 09.07.2014	(51) H04B 10/61	(32) 28.03.2011
(54) DISPLAY DEVICE	H04J 14/02	(33) Korea (Republic)
(73) Panasonic Corporation	H04L 27/26	(51) H04H 60/04
(72) UEKI, Akihiro	(11) EP2608436	G10H 1/00
MAEDA, Toshiyuki	(21) EP11858144.6	G10H 1/46
SUZUKI, Takashi	(47) 01.05.2019	H04R 3/00
SHIOKAWA, Akira	(87) CN2011077609	(11) EP2753008
AOTO, Koji	16.08.2012	(21) EP13197907.2
NAKANISHI, Koji	(22) 26.07.2011	(47) 01.05.2019
AOYAMA, Hideki	(54) METHOD AND DEVICE FOR RECEIVING MULTI-CARRIER OPTICAL SIGNALS	(22) 18.12.2013
OSHIMA, Mitsuaki	(73) Huawei Technologies Co., Ltd.	(54) EFFECT APPLYING APPARATUS AND EFFECT APPLYING METHOD
(31) 2013182714	(72) HUANG, Yuanda	(73) YAMAHA CORPORATION
(32) 04.09.2013	LI, Liangchuan	(72) Shirai, Mizuyuki
(33) Japan	LIU, Ling	(31) 2013000026
(51) H04B 10/116	LIU, Lei	(32) 04.01.2013
H05B 37/02	(51) H04B 17/00	(33) Japan
H05B 33/08	H04W 24/08	(51) H04J 3/06
(11) EP2744124	H04W 88/02	(11) EP2262138
(21) EP13193994.4	H04B 17/391	(21) EP10183313.5
(47) 01.05.2019	H04W 24/10	(47) 01.05.2019
(22) 22.11.2013	(11) EP3104538	(22) 12.08.2003
(54) Visible light communication device	(21) EP15746489.2	(54) Communication system for sending and receiving data onto and from a network at a network frame rate using a phase locked loop, sample rate conversion, or synchronizing clocks generated from the network frame rate
(73) Panasonic Intellectual Property Management Co., Ltd.	(47) 01.05.2019	(73) Standard Microsystems Corporation
(72) Kido, Shojirou	(87) JP2015000047	(72) Knapp, David
(31) 2012270566	13.08.2015	Akkihal, Shivanand I.
2013161018	(22) 08.01.2015	Maddox, John G.
(32) 11.12.2012	(54) MONITORING DEVICE, RADIO COMMUNICATION SYSTEM, FAILURE CAUSE DETERMINATION METHOD AND NON-TEMPORARY COMPUTER-READABLE MEDIUM STORING A PROGRAM	Gaalaas, Joseph B.
02.08.2013	(73) NEC Corporation	Winkelmann, Matthias
(33) Japan	(72) KITAHARA, Yoshinori	(31) 218351
(51) H04B 10/291	(31) 2014019928	
H01S 3/30	(32) 05.02.2014	
H04B 10/293	(33) Japan	
(11) EP3050229		
(21) EP14776964.0		
(47) 01.05.2019		
(87) US2014055549		
02.04.2015		

218361	(11) EP2661003	(31) 20110113229
218349	(21) EP13178987.7	410493 P
(32) 14.08.2002	(47) 01.05.2019	(32) 02.11.2011
14.08.2002	(22) 26.12.2008	05.11.2010
14.08.2002	(54) Radio Communication Terminal Device and	(33) Korea (Republic)
(33) United States of America	Radio Transmission Method	United States of America
United States of America	(73) Sun Patent Trust	(51) H04J 11/00
United States of America	(72) Takata, Tomofumi	H04L 1/20
(51) H04J 3/06	Imamura, Daichi	H04L 25/03
H04L 29/06	Nakao, Seigo	(11) EP2961090
(11) EP3132551	Futagi, Sadaki	(21) EP13875934.5
(21) EP15718706.3	Iwai, Takashi	(47) 01.05.2019
(47) 01.05.2019	Ogawa, Yoshihiko	(87) JP2013081056
(87) US2015025078	(31) 2008000197	28.08.2014
22.10.2015	(32) 04.01.2008	(22) 18.11.2013
(22) 09.04.2015	(33) Japan	(54) COMMUNICATION LINE QUALITY
(54) JITTER BUFFER CONTROL BASED ON	(51) H04J 11/00	ESTIMATION APPARATUS,
MONITORING OF DELAY JITTER AND	H04B 7/26	TRANSMITTER AND RECEIVER
CONVERSATIONAL DYNAMICS	H04L 5/00	(73) Mitsubishi Electric Corporation
(73) Dolby Laboratories Licensing Corporation	H04L 5/14	(72) HIGASHINAKA, Masatsugu
(72) LI, Kai	(11) EP2770652	(31) 2013031093
SUN, Xuejing	(21) EP12841966.0	(32) 20.02.2013
SPITTLE, Gary	(47) 01.05.2019	(33) Japan
(31) 201410152754	(87) KR2012008648	(51) H04J 14/02
201461989340 P	25.04.2013	(11) EP3092735
(32) 16.04.2014	(22) 22.10.2012	(21) EP14878293.1
06.05.2014	(54) METHOD AND APPARATUS	(47) 01.05.2019
(33) China	FOR TRANSMITTING CONTROL	(87) US2014066123
United States of America	INFORMATION IN A WIRELESS	16.07.2015
(51) H04J 3/16	COMMUNICATION SYSTEM	(22) 18.11.2014
H04J 14/00	(73) LG Electronics Inc.	(54) OVERLAPPING SPECTRUM IN OPTICAL
(11) EP3107227	(72) YANG, Suckchel	COMMUNICATION
(21) EP14885881.4	AHN, Joonkui	(73) Google LLC
(47) 01.05.2019	SEO, Dongyoun	(72) KAMALOV, Valey
(87) JP2014080612	(31) 201161549243 P	VUSIRIKALA, Vijay
24.09.2015	201161560795 P	KOLEY, Bikash
(22) 19.11.2014	201261641912 P	DANGUI, Vinayak
(54) TRANSPORT APPARATUS AND	201261696315 P	(31) 201414151938
TRANSPORT METHOD	201261705133 P	201414312981
(73) Nippon Telegraph and Telephone	(32) 20.10.2011	(32) 10.01.2014
Corporation	16.11.2011	24.06.2014
(72) OHARA Takuya	03.05.2012	(33) United States of America
KITAMURA Kei	04.09.2012	United States of America
KISAKA Yoshiaki	24.09.2012	(51) H04J 14/02
AISAWA Shigeki	(33) United States of America	H04B 10/50
SUZUKI Masahiro	United States of America	H04B 10/548
YAMAZAKI Etsushi	United States of America	(11) EP2945302
KATAOKA Tomoyoshi	United States of America	(21) EP15160766.0
TOMIZAWA Masahito	United States of America	(47) 01.05.2019
YAMADA Yoshiaki	(51) H04J 11/00	(22) 25.03.2015
TESHIMA Mitsuhiro	H04B 7/26	(54) OPTICAL MULTIPLEXING DEVICE AND
HIRANO Akira	H04W 24/10	METHOD OF GENERATING OPTICAL
(31) 2014059129	H04W 52/00	OFDM SIGNAL
(32) 20.03.2014	(11) EP2636171	(73) FUJITSU LIMITED
(33) Japan	(21) EP11838264.7	(72) Okabe, Ryou
(51) H04J 11/00	(47) 01.05.2019	Watanabe, Shigeki
(11) EP3220562	(87) KR2011008379	(31) 2014101374
(21) EP17163537.8	10.05.2012	(32) 15.05.2014
(47) 01.05.2019	(22) 04.11.2011	(33) Japan
(22) 02.10.2007	(54) POWER HEADROOM REPORT	(51) H04J 14/02
(54) ALLOCATION OF PREAMBLE	METHOD AND APPARATUS FOR	H04L 12/721
SEQUENCES	MOBILE COMMUNICATION SYSTEM	(11) EP2957054
(73) Nokia Solutions and Networks Oy	SUPPORTING CARRIER AGGREGATION	(21) EP14751391.5
(72) Hooli, Kari Juhani	(73) Samsung Electronics Co., Ltd	(47) 01.05.2019
Korhonen, Juha Sakari	(72) KIM, Soeng Hun	(87) US2014015972
(51) H04J 11/00	JEONG, Kyeong In	21.08.2014
H04B 1/707	KIM, Sang Bum	(22) 12.02.2014
H04W 72/04	VAN LIESHOUT, Gert-Jan	

(54) A VIRTUAL NETWORK EMBEDDING PROCEDURE IN AN OPTICAL WAVELENGTH DIVISION MULTIPLEXING (WDM) NETWORK	RECORDING MEDIUM IN WHICH CONTROL PROGRAM FOR TERMINAL DEVICE IS STORED	(22) 15.01.2016
(73) NEC Corporation	(73) NEC Corporation	(54) CHANNEL QUALITY REPORTING FOR DETERMINISTIC NULL SCHEDULING
(72) PATEL, Ankitkumar	(72) NAKADA, Tatsuhiko	(73) QUALCOMM Incorporated
(31) 201361764568 P	(31) 2015183657	(72) MATIN, Sharif
201414177667	(32) 17.09.2015	PEDERSEN, Carsten, Aagaard
(32) 14.02.2013	(33) Japan	CHIRALA, Ramesh, Chandra
11.02.2014	(51) H04L 1/00	BAI, Linda
(33) United States of America	(11) EP3298713	SAMAL, Prasanta
United States of America	(21) EP16751570.9	(31) 201562115537 P
(51) H04J 14/02	(47) 01.05.2019	201514819782
H04Q 11/00	(87) EP2016069045	(32) 12.02.2015
(11) EP1987615	15.02.2018	06.08.2015
(21) EP06839544.1	(22) 10.08.2016	(33) United States of America
(47) 01.05.2019	(54) CHECK POSITIONS WITHIN A TRANSPORT BLOCK	United States of America
(87) US2006060229	(73) Telefonaktiebolaget LM Ericsson (publ)	(51) H04L 1/00
20.09.2007	(72) BERGMAN, Svante	H04L 5/00
(22) 25.10.2006	FRENGER, Pål	H04W 52/02
(54) BUFFERING SCHEMES FOR OPTICAL PACKET PROCESSING	HESSLER, Martin	H04W 72/04
(73) Cisco Technology, Inc.	ERIKSSON, Erik	H04W 88/08
(72) COHEN, Earl, T.	FRÖBERG OLSSON, Jonas	H04W 4/70
EPPS, Garry	(51) H04L 1/00	(11) EP3304939
(31) 361770	H04B 7/06	(21) EP16726966.1
410566	H04B 7/024	(47) 01.05.2019
(32) 24.02.2006	(11) EP3179653	(87) IB2016053103
24.04.2006	(21) EP15834991.0	01.12.2016
(33) United States of America	(47) 01.05.2019	(22) 26.05.2016
United States of America	(87) CN2015074919	(54) OPTIMIZED MCS SELECTION FOR MACHINE TYPE COMMUNICATION
(51) H04K 3/00	03.03.2016	(73) Telefonaktiebolaget LM Ericsson (publ)
(11) EP3202064	(22) 24.03.2015	(72) HÖGLUND, Andreas
(21) EP15788148.3	(54) PRECODING METHOD, APPARATUS AND SYSTEM	KRONANDER, Jonas
(47) 01.05.2019	(73) Huawei Technologies Co., Ltd.	TULLBERG, Hugo
(87) FR2015052671	(72) WU, Tao	(31) 201514722372
07.04.2016	LV, Linjun	(32) 27.05.2015
(22) 05.10.2015	(31) 201410438821	(33) United States of America
(54) DRONE CONTROL JAMMING METHOD AND SYSTEM	(32) 30.08.2014	(51) H04L 1/00
(73) Avantix	(33) China	H04N 7/10
(72) SABATIER, Stéphane	(51) H04L 1/00	H04N 7/20
(31) 1402262	H04B 7/06	H04H 20/74
(32) 03.10.2014	H04B 7/08	(11) EP2089999
(33) France	H04L 1/18	(21) EP07872772.4
(51) H04L 1/00	(11) EP2878082	(47) 01.05.2019
(11) EP1523119	(21) EP12881725.1	(87) US2007079523
(21) EP04077680.9	(47) 01.05.2019	14.08.2008
(47) 01.05.2019	(87) US2012048536	(22) 26.09.2007
(22) 28.09.2004	30.01.2014	(54) PACKET REFORMATTING FOR DOWNSTREAM LINKS
(54) Method and apparatus for error-protected transmission of data	(22) 27.07.2012	(73) ViaSat, Inc.
(73) Volkswagen Aktiengesellschaft	(54) METHOD, APPARATUS, COMPUTER PROGRAM PRODUCT, COMPUTER READABLE MEDIUM AND SYSTEM FOR FAST FEEDBACK AND RESPONSE HANDLING IN WIRELESS NETWORKS	(72) THESLING, William, H.
(72) Döring, Martin	(73) Nokia Solutions and Networks Oy	(31) 827988 P
Krömke, Carsten	(72) RATASUK, Rapeepat	(32) 03.10.2006
(31) 10347381	THOMAS, Timothy	(33) United States of America
(32) 08.10.2003	VOOK, Frederick	(51) H04L 1/16
(33) Germany	GHOSH, Amitabha	(11) EP3029873
(51) H04L 1/00	CUDAK, Mark	(21) EP16151943.4
(11) EP3352400	(51) H04L 1/00	(47) 01.05.2019
(21) EP16845967.5	H04L 1/20	(22) 03.11.2011
(47) 01.05.2019	(11) EP3257178	(54) METHOD AND APPARATUS FOR CODING OF HARQ-ACK TRANSMISSION IN TDD SYSTEMS WITH DOWNLINK CARRIER AGGREGATION
(87) JP2016004243	(21) EP16704293.6	(73) Samsung Electronics Co., Ltd.
23.03.2017	(47) 01.05.2019	(72) Papasakellariou, Aris
(22) 16.09.2016	(87) US2016013652	Cho, Joon Young
(54) TERMINAL DEVICE, CONTROL METHOD THEREFOR, AND	18.08.2016	(31) 409662 P
		410162 P

410642 P	H04W 52/32	(22) 12.03.2012
411209 P	H04W 52/34	(54) HARQ method and apparatus for communication system
201161512614 P	H04W 52/14	(73) Samsung Electronics Co., Ltd
(32) 03.11.2010	H04W 52/58	(72) Kim, Young-Bum
04.11.2010	H04W 52/36	Cho, Joon-Young
05.11.2010	(11) EP2943020	Han, Jin-Kyu
08.11.2010	(21) EP14735251.2	Lee, Ju-Ho
28.07.2011	(47) 01.05.2019	Ji, Hyoung Ju
(33) United States of America	(87) KR2014000058	Choi, Seung-Hoon
United States of America	10.07.2014	(31) 20110021633
United States of America	(22) 03.01.2014	20110080405
United States of America	(54) METHOD AND APPARATUS FOR TRANSMITTING UPLINK SIGNALS IN WIRELESS COMMUNICATION SYSTEM	20110138472
United States of America	(73) LG Electronics Inc.	(32) 11.03.2011
(51) H04L 1/16	(72) YANG, Suckchel	12.08.2011
H04L 1/18	AHN, Joonkui	20.12.2011
(11) EP1913723	SEO, Dongyoun	(33) Korea (Republic)
(21) EP06823633.0	YI, Yunjung	Korea (Republic)
(47) 01.05.2019	(31) 201361748720 P	Korea (Republic)
(87) KR2006003148	201361750307 P	(51) H04L 1/18
22.02.2007	201361750307 P	H04J 3/00
(22) 11.08.2006	201361808614 P	H04L 5/14
(54) METHOD AND APPARATUS TO TRANSMIT AND/OR RECEIVE DATA VIA WIRELESS NETWORK AND WIRELESS DEVICE	201361817341 P	H04L 5/00
(73) Samsung Electronics Co., Ltd.	201361836176 P	H04B 7/26
(72) KWON, Chang-Yeul	201361838350 P	H04W 72/04
SHIN, Se-Young	201361866555 P	H04L 1/16
LEE, Seong-Wook	201361872858 P	(11) EP2974106
ROH, Dong-Hwi	201361890347 P	(21) EP14763395.2
FAN, Guoping	201361897202 P	(47) 01.05.2019
JO, Jae-Moon	(32) 03.01.2013	(87) KR2014002134
LEE, Ho-Seok	08.01.2013	18.09.2014
CHOI, Moon-Young	04.04.2013	(22) 13.03.2014
PARK, Joong-Suk	30.04.2013	(54) TRANSMISSION OF ACKNOWLEDGEMENT INFORMATION IN ADAPTIVELY CONFIGURED TDD COMMUNICATION SYSTEMS
SHIM, Seung-Seop	18.06.2013	(73) Samsung Electronics Co., Ltd.
(31) 20050074416	24.06.2013	(72) PAPASAKELLARIOU, Aris
20050105004	16.08.2013	(31) 201361780227 P
(32) 12.08.2005	03.09.2013	201361824855 P
03.11.2005	14.10.2013	201361877121 P
(33) Korea (Republic)	29.10.2013	201361898269 P
Korea (Republic)	(33) United States of America	201414204979
(51) H04L 1/16	United States of America	(32) 13.03.2013
H04L 5/00	United States of America	17.05.2013
H04L 1/18	United States of America	12.09.2013
(11) EP2775769	United States of America	31.10.2013
(21) EP12853637.2	United States of America	11.03.2014
(47) 01.05.2019	United States of America	(33) United States of America
(87) CN2012084640	United States of America	United States of America
06.06.2013	(51) H04L 1/18	United States of America
(22) 15.11.2012	(11) EP2524463	United States of America
(54) Efficient resource allocation for feedback information in carrier aggregation based communication systems	(21) EP11732730.4	United States of America
(73) ZTE Corporation	(47) 01.05.2019	United States of America
(72) FEI, Peiyan	(87) IB2011050199	(51) H04L 1/18
PENG, Focai	21.07.2011	H04L 27/34
(31) 201110389521	(22) 17.01.2011	(11) EP3264660
201210037083	(54) HARQ ACKNOWLEDGMENT CHANNEL CODING FOR 4-CARRIER HSDPA MIMO	(21) EP17185621.4
(32) 30.11.2011	(73) Nokia Technologies Oy	(47) 01.05.2019
17.02.2012	(72) LEHTI, Arto	(22) 25.01.2013
(33) China	SIPILA, Teemu	(54) METHOD AND APPARATUS FOR TRANSMITTING UPLINK CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEM
China	(31) 336151 P	(73) BlackBerry Limited
(51) H04L 1/16	(32) 15.01.2010	(72) SEO, Dong Youn
H04L 5/00	(33) United States of America	AHN, Joon Kui
H04L 1/18	(51) H04L 1/18	YI, Yun Jung
H04L 5/14	(11) EP2816754	YANG, Suck Chel
H04W 52/28	(21) EP14171550.8	
	(47) 01.05.2019	

- KIM, Bong Hoe
(31) 201261591281 P
201261635828 P
201261650985 P
201261668428 P
201261678620 P
(32) 27.01.2012
19.04.2012
23.05.2012
05.07.2012
01.08.2012
(33) United States of America
United States of America
United States of America
United States of America
United States of America
-
- (51) H04L 1/20
(11) EP2218205
(21) EP08774521.2
(47) 01.05.2019
(87) EP2008058367
14.05.2009
(22) 30.06.2008
(54) METHODS AND ARRANGEMENTS IN
A MOBILE TELECOMMUNICATIONS
SYSTEM
(73) Unwired Planet International Limited
(72) JÖNGREN, George
FURUSKÄR, Anders
GÖRANSSON, Bo
LUNDEVALL, Magnus
(31) 985786 P
(32) 06.11.2007
(33) United States of America
-
- (51) H04L 1/20
H04B 3/46
(11) EP2656531
(21) EP11817397.0
(47) 01.05.2019
(87) FR2011053059
28.06.2012
(22) 19.12.2011
(54) IMPULSE NOISE MEASUREMENT BY
SPECTRAL DETECTION
(73) Orange
(72) TARAFI, Rabah
CARIO, Alain
(31) 1060820
(32) 20.12.2010
(33) France
-
- (51) H04L 5/00
(11) EP2484043
(21) EP10766431.0
(47) 01.05.2019
(87) US2010051229
07.04.2011
(22) 01.10.2010
(54) METHOD AND APPARATUS FOR
CONDUCTING MEASUREMENTS WHEN
MULTIPLE CARRIERS ARE SUPPORTED
(73) Qualcomm Incorporated
(72) PALANKI, Ravi
GAAL, Peter
AGASHE, Parag A.
PRAKASH, Rajat
KITAZOE, Masato
(31) 247767 P
895665
- (32) 01.10.2009
30.09.2010
(33) United States of America
United States of America
(51) H04L 5/00
(11) EP2592778
(21) EP12191751.2
(47) 01.05.2019
(22) 08.11.2012
(54) Method of handling shortened resource block
for MTC and related communication device
(73) ACER INCORPORATED
(72) Lee, Chien-Min
(31) 201161556841 P
201161566019 P
201213670464
(32) 08.11.2011
02.12.2011
07.11.2012
(33) United States of America
United States of America
United States of America
(51) H04L 5/00
(11) EP2911333
(21) EP15155277.5
(47) 01.05.2019
(22) 16.08.2011
(54) METHODS AND SYSTEMS FOR CSI-
RS RESOURCE ALLOCATION IN LTE-
ADVANCED SYSTEMS
(73) ZTE (USA) Inc.
(72) Wenfeng, Zhang
(31) 374214 P
389633 P
(32) 16.08.2010
04.10.2010
(33) United States of America
United States of America
(51) H04L 5/00
(11) EP3335359
(21) EP16754337.0
(47) 01.05.2019
(87) SE2016050744
23.02.2017
(22) 10.08.2016
(54) METHOD AND APPARATUS FOR
SEPARATE SCHEDULING OF
UPLINK DATA AND REFERENCE
SIGNAL TRANSMISSIONS IN A
COMMUNICATION NETWORK
(73) Telefonaktiebolaget LM Ericsson (PUBL)
(72) ANDERSSON, Mattias
SAHLIN, Henrik
ASTELY, David
MÄÄTTANEN, Helka-Liina
ANDGART, Niklas
(31) 201562205098 P
(32) 14.08.2015
(33) United States of America
-
- (51) H04L 5/00
(11) EP3363139
(21) EP16795455.1
(47) 01.05.2019
(87) SE2016051077
11.05.2018
(22) 02.11.2016
- (54) SEARCH SPACE MONITORING
IN WIRELESS COMMUNICATION
NETWORKS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) BALDEMAIR, Robert
PARKVALL, Stefan
FALAHATI, Sorour
LARSSON, Daniel
-
- (51) H04L 5/00
H04L 1/00
H04B 7/02
H04B 7/04
(11) EP2701333
(21) EP12306017.0
(47) 01.05.2019
(22) 23.08.2012
(54) Method and apparatus for transmitting
channel feedback information in a wireless
communication system and method and
apparatus for receiving channel feedback
information in a wireless communication
system
(73) Alcatel Lucent
(72) Wild, Thorsten
Boccardi, Federico
Baracca, Paolo
-
- (51) H04L 5/00
H04L 5/14
(11) EP2569893
(21) EP11721924.6
(47) 01.05.2019
(87) US2011036550
17.11.2011
(22) 13.05.2011
(54) DAI DESIGNS FOR FDD CARRIER
AGGREGATION
(73) Qualcomm Incorporated
(72) LUO, Xiliang
CHEN, Wanshi
GAAL, Peter
MONTJOJO, Juan
DAMNJANOVIC, Aleksandar
(31) 201113106699
345013 P
(32) 12.05.2011
14.05.2010
(33) United States of America
United States of America
-
- (51) H04L 5/00
H04L 25/02
H04L 25/03
H04B 7/0417
H04L 27/01
(11) EP2608443
(21) EP12198277.1
(47) 01.05.2019
(22) 19.12.2012
(54) Communications terminal, apparatus, and
method for detecting rank indication
(73) Spreadtrum Communications (Shanghai) Co.,
Ltd.
(72) Shen, Xuqiang
Dong, Xiaojian
(31) 201110431549
(32) 20.12.2011
(33) China
-
- (51) H04L 5/00
H04L 27/26

(11) EP3236609	03.02.2005	PRODUCT IDENTIFICATION AND VERIFICATION
(21) EP15870224.1	(22) 12.03.2004	(73) INEXO SA
(47) 01.05.2019	(54) IDENTITY-BASED-ENCRYPTION MESSAGING SYSTEM	(72) FRADET, Erwan
(87) KR2015013166	(73) EntIT Software LLC	CHATELAIN, Philippe
23.06.2016	(72) APPENZELLER, Guido	CHANEZ, Patrick
(22) 03.12.2015	PAUKER, Matthew, J.	(31) 201562204753 P
(54) METHOD AND MTC DEVICE FOR TRANSMITTING DMRS FOR UPLINK DATA DEMODULATION	SPIES, Terence	(32) 13.08.2015
(73) LG Electronics Inc.	KACKER, Rishi, R.	(33) United States of America
(72) YOU, Hyangsun	(31) 390058	<hr/>
YI, Yunjung	(32) 14.03.2003	(51) H04L 9/08
(31) 201462092808 P	(33) United States of America	H04L 9/32
(32) 16.12.2014	(51) H04L 9/00	H04L 1/00
(33) United States of America	H04L 9/32	(11) EP2548330
<hr/>	G06F 21/62	(21) EP10848104.5
(51) H04L 5/00	G06F 21/64	(47) 01.05.2019
H04W 72/04	H04L 29/06	(87) US2010027787
H04B 7/04	(11) EP2915279	22.09.2011
H04J 13/18	(21) EP13792772.9	(22) 18.03.2010
H04B 7/06	(47) 01.05.2019	(54) METHOD OF CONDUCTING SAFETY-CRITICAL COMMUNICATIONS
H04J 13/00	(87) NL2013050764	(73) UTC Fire & Security Corporation
H04L 27/26	08.05.2014	(72) PELLETIER, James
H04W 24/10	(22) 29.10.2013	LELIC, Muhidin A.
H04L 29/08	(54) METHOD AND SYSTEM FOR PROTECTED EXCHANGE OF DATA	<hr/>
(11) EP2663000	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) H04L 9/08
(21) EP11854608.4	(72) VEUGEN, Peter Joannes Mathias	H04L 29/06
(47) 01.05.2019	(31) 12190503	H04W 12/04
(87) JP2011007109	(32) 30.10.2012	H04W 12/08
12.07.2012	(33) European Patent Office (EPO)	(11) EP2741443
(22) 20.12.2011	(51) H04L 9/06	(21) EP13195664.1
(54) TRANSMITTER, RECEIVER, TRANSMISSION METHOD, AND RECEPTION METHOD	(11) EP2928112	(47) 01.05.2019
(73) Sun Patent Trust	(21) EP15160492.3	(22) 04.12.2013
(72) OGAWA, Yoshihiko	(47) 01.05.2019	(54) Credential Recovery
NISHIO, Akihiko	(22) 24.03.2015	(73) Barclays Services Limited
HOSHINO, Masayuki	(54) ENCRYPTION DEVICE OF A SUBSTITUTION-BOX TYPE, AND CORRESPONDING ENCRYPTION METHOD AND COMPUTER PROGRAM	(72) Lalwani, Akhil
IWAI, Takashi	(73) STMicroelectronics S.r.l.	French, George
(31) 2011001829	(72) Melzani, Filippo	(31) 201221805
2011009870	(31) TO20140267	(32) 04.12.2012
(32) 07.01.2011	(32) 31.03.2014	(33) United Kingdom
20.01.2011	(33) Italy	<hr/>
(33) Japan	(51) H04L 9/06	(51) H04L 9/32
Japan	(11) EP3272060	(11) EP2052488
<hr/>	(21) EP15886621.0	(21) EP07793841.3
(51) H04L 5/14	(47) 01.05.2019	(47) 01.05.2019
H04L 25/03	(87) US2015021632	(87) NL2007000202
(11) EP2723028	29.09.2016	21.02.2008
(21) EP11867829.1	(22) 20.03.2015	(22) 17.08.2007
(47) 01.05.2019	(54) DATASTREAM BLOCK ENCRYPTION	(54) SYSTEM AND METHOD FOR THE GENERATION OF A SIGNATURE
(87) CN2011078625	(73) Hewlett Packard Enterprise Development LP	(73) Wiersma, Hieronymus Watse
20.12.2012	(72) CHEN, Liqun	(72) Wiersma, Hieronymus Watse
(22) 19.08.2011	CAMBLE, Peter Thomas	(31) 1032340
(54) TIME-DIVISION DUPLEX FILTERING METHOD AND DEVICE	WENDLAND, Michael	(32) 17.08.2006
(73) ZTE Corporation	(51) H04L 9/08	(33) Netherlands
(72) CHEN, Wei	(11) EP3335370	<hr/>
CAO, Zhen	(21) EP16751297.9	(51) H04L 9/32
QIU, Hao	(47) 01.05.2019	(11) EP3272064
(31) 201110159319	(87) EP2016069316	(21) EP16713556.5
(32) 14.06.2011	16.02.2017	(47) 01.05.2019
(33) China	(22) 13.08.2016	(87) FR2016050597
<hr/>	(54) ENHANCED OBFUSCATION OR RANDOMIZATION FOR SECURE	29.09.2016
(51) H04L 9/00		(22) 17.03.2016
H04L 9/08		(54) CHAINED AUTHENTICATION VIA CONNECTED DEVICES
H04L 9/30		(73) Inside Secure
(11) EP1604484		(72) DECUGIS, Sébastien
(21) EP04775839.6		(31) 1552306
(47) 01.05.2019		(32) 20.03.2015
(87) US2004007829		(33) France
		<hr/>
		(51) H04L 9/32

G06F 21/33	(21) EP13897971.1	16.03.2010
G06F 21/35	(47) 01.05.2019	(33) Korea (Republic)
H04L 29/06	(87) US2013071718	Korea (Republic)
H04W 12/08	28.05.2015	<hr/>
(11) EP2301186	(22) 25.11.2013	(51) H04L 12/22
(21) EP08841685.4	(54) SECURE PROXY TO PROTECT PRIVATE	G06F 21/30
(47) 01.05.2019	DATA	H04L 29/06
(87) CA2008001908	(73) McAfee, LLC	(11) EP2790354
30.04.2009	(72) MUTTIK, Igor	(21) EP12854909.4
(22) 27.10.2008	(51) H04L 9/32	(47) 01.05.2019
(54) CERTIFICATE MANAGEMENT WITH	H04L 29/06	(87) KR2012010188
CONSEQUENCE INDICATION	H04W 12/06	13.06.2013
(73) BlackBerry Limited	G06F 21/31	(22) 28.11.2012
(72) DAVIS, Dinah	H04W 12/08	(54) SECURITY MANAGEMENT SYSTEM
BROWN, Michael, S.	(11) EP3178195	HAVING MULTIPLE RELAY SERVERS,
ADAMS, Neil Patrick	(21) EP15830581.3	AND SECURITY MANAGEMENT
(31) 982708 P	(47) 01.05.2019	METHOD
(32) 25.10.2007	(87) SE2015050840	(73) Lee, Chung Jong
(33) United States of America	11.02.2016	(72) Lee, Chung Jong
(51) H04L 9/32	(22) 31.07.2015	(31) 20110129438
G06F 21/73	(54) METHOD AND SYSTEM FOR	(32) 06.12.2011
(11) EP3070875	AUTHENTICATING A USER	(33) Korea (Republic)
(21) EP16160085.3	(73) Identitrade AB	<hr/>
(47) 01.05.2019	(72) HALLENBORG, Philip	(51) H04L 12/24
(22) 14.03.2016	(31) 1450927	(11) EP1976185
(54) METHOD OF PHYSICAL CHIP	(32) 08.08.2014	(21) EP07006325.0
IDENTIFICATION FOR NETWORKS OF	(33) Sweden	(47) 01.05.2019
ELECTRONIC APPLIANCE	(51) H04L 12/14	(22) 27.03.2007
(73) Watanabe, Hiroshi	H04L 12/24	(54) Operating network entities in a
(72) Watanabe, Hiroshi	H04L 29/06	communication system comprising a
(31) 2015052756	(11) EP2534788	management network with agent and
(32) 17.03.2015	(21) EP11742958.9	management levels
(33) Japan	(47) 01.05.2019	(73) Nokia Solutions and Networks GmbH & Co.
(51) H04L 9/32	(87) US2011024753	KG
G06K 9/00	18.08.2011	(72) George, Jürgen
G06F 21/32	(22) 14.02.2011	Pollakowski, Olaf
(11) EP3084670	(54) METHODS, SYSTEMS, AND COMPUTER	Sanneck, Henning
(21) EP14803080.2	READABLE MEDIA FOR SERVICE	<hr/>
(47) 01.05.2019	DETECTION OVER AN RX INTERFACE	(51) H04L 12/24
(87) EP2014074890	(73) Tekelec, Inc.	(11) EP2936736
25.06.2015	(72) RILEY, Yusun, Kim	(21) EP12809806.8
(22) 18.11.2014	BANIEL, Uri	(47) 01.05.2019
(54) A BIOMETRIC DATA PRE-	MARSICO, Peter Joseph	(87) EP2012076202
CHECK PROCESS TO OPTIMIZE	(31) 201113024967	26.06.2014
PERSONALIZATION TIME	303968 P	(22) 19.12.2012
(73) Gemalto SA	(32) 10.02.2011	(54) CONFIGURATION DEVICE AND
(72) BOUTET, Olivier	12.02.2010	METHOD FOR COMPUTER-
DUBOUCHER, Thomas	(33) United States of America	IMPLEMENTED CONFIGURATION OF
VIBERT, Laurent	United States of America	ONE OR MORE NETWORK DEVICES
(31) 13306818	(51) H04L 12/16	(73) ABB Schweiz AG
(32) 20.12.2013	H04W 4/18	(72) VORST, Philipp
(33) European Patent Office (EPO)	H04L 29/08	SCHLICH, Bastian
(51) H04L 9/32	(11) EP2549680	MAHNKE, Wolfgang
H04L 29/06	(21) EP11756555.6	<hr/>
(11) EP2985946	(47) 01.05.2019	(51) H04L 12/24
(21) EP13880191.5	(87) KR2011001840	G06F 11/22
(47) 01.05.2019	22.09.2011	G06F 11/273
(87) CN2013073197	(22) 16.03.2011	G06F 11/07
02.10.2014	(54) CONTENT OUTPUT SYSTEM AND	(11) EP2133794
(22) 26.03.2013	CODEC INFORMATION SHARING	(21) EP09007730.6
(54) METHOD AND APPARATUS FOR	METHOD IN SAME SYSTEM	(47) 01.05.2019
PROTECTION COMMAND OF	(73) Samsung Electronics Co., Ltd	(22) 11.06.2009
TRANSMISSION RELAY PROTECTION	(72) CHOI, Jeong Il	(54) ANALYSIS OF INCORRECT
(73) Siemens Aktiengesellschaft	LEE, Seung Ku	BEHAVIOUR OF A COMMUNICATION
(72) SHU, Zhonghua	HAN, Se Hee	TERMINAL WHICH CAN BE OPERATED
(51) H04L 9/32	(31) 20100023348	IN A COMMUNICATION NETWORK
H04L 29/06	20100023347	(73) Vodafone Holding GmbH
(11) EP3075099	(32) 16.03.2010	(72) Cakmak, Merall
		(31) 102008027810
		(32) 11.06.2008
		(33) Germany

(51) H04L 12/24 H04L 12/26	(72) XIA, Yinben LI, Fengkai	17.09.2015 (22) 29.05.2014
(11) EP3087699 (21) EP15713305.9 (47) 01.05.2019 (87) EP2015055755 08.10.2015 (22) 19.03.2015	(51) H04L 12/24 H04L 29/06 (11) EP3142324 (21) EP16153520.8 (47) 01.05.2019 (22) 29.01.2016	(54) INTELLIGENT HOME CONTROL METHOD AND SYSTEM BASED ON ALLJOYN TECHNOLOGY (73) Huizhou TCL Mobile Communication Co., Ltd. (72) CHEN, Kang (31) 201410097055 (32) 13.03.2014 (33) China
(54) DETECTION OF A FAULTY NODE IN A NETWORK (73) Siemens Aktiengesellschaft (72) ARMBRUSTER, Michael FIEGE, Ludger RIEDL, Johannes SCHMID, Thomas ZIRKLER, Andreas (31) 102014206053 (32) 31.03.2014 (33) Germany	(54) SYSTEM AND METHOD FOR DYNAMIC SELECTION OF MEDIA SERVER IN A COMMUNICATION NETWORK (73) Wipro Limited (72) SEETHARAMAN, Swaminathan NADHAVAN, Ramesh (31) 4763CH2015 (32) 08.09.2015 (33) India	(31) 201410097055 (32) 13.03.2014 (33) China
(51) H04L 12/24 H04L 12/26 (11) EP3284214 (21) EP15908948.1 (47) 01.05.2019 (87) US2015061436 26.05.2017 (22) 18.11.2015	(51) H04L 12/24 H04Q 11/00 H04Q 3/00 H04L 12/707 H04L 12/703 (11) EP2216939 (21) EP08700690.4 (47) 01.05.2019 (87) CN2008000141 07.05.2009 (22) 18.01.2008	(51) H04L 12/26 H04L 12/24 H04W 4/00 H04W 84/18 H04L 29/08 (11) EP3162003 (21) EP15738212.8 (47) 01.05.2019 (87) US2015038503 07.01.2016 (22) 30.06.2015
(54) CONVERGED SYSTEM COMPLIANCE CHECKING (73) Hewlett Packard Enterprise Development LP (72) STABNOW, Michael R. SATTERFIELD, Wade J. EASTERLING, Tyler SCHEETZ, Michael A. ASHWORTH, Brian HANSON, Scott D. HILL, Justin C. SAITO, Ronald Francis WARDEN, Jon Duane	(54) MAINTAINING METHOD FOR AUTOMATIC SWITCHED OPTICAL NETWORK SYSTEM WHEN OPERATION ENGENDERS ALARM (73) ZTE Corporation (72) LI, Na TAO, Muli (31) 200710165205 (32) 30.10.2007 (33) China	(54) NETWORK NODE AVAILABILITY PREDICTION BASED ON PAST HISTORY DATA (73) Convida Wireless, LLC (72) LI, Xu LU, Guang DONG, Lijun SEED, Dale N. LI, Hongkun FLYNN, William Robert IV BROWN, Phillip MLADIN, Catalina M. (31) 201462018941 P (32) 30.06.2014 (33) United States of America
(51) H04L 12/24 H04L 12/26 H04L 12/12 H04L 12/46 (11) EP3179672 (21) EP15829683.0 (47) 01.05.2019 (87) CN2015074781 11.02.2016 (22) 20.03.2015	(51) H04L 12/24 H04W 4/00 H04L 12/927 H04L 12/851 (11) EP2668584 (21) EP12739482.3 (47) 01.05.2019 (87) US2012000042 02.08.2012 (22) 24.01.2012	(51) H04L 12/26 H04L 12/853 H04L 12/825 H04L 12/841 H04L 12/801 (11) EP3175583 (21) EP15748407.2 (47) 01.05.2019 (87) US2015042664 04.02.2016 (22) 29.07.2015
(54) METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION OF NETWORK ACCESS DEVICE (73) ZTE Corporation (72) MA, Jian (31) 201410380485 (32) 04.08.2014 (33) China	(54) FLOW TAGGING FOR SERVICE POLICY IMPLEMENTATION (73) Headwater Research LLC (72) GREEN, Jeffrey LAVINE, James NGUYEN, Vien-Phuong, D. RALEIGH, Gregory, G. (31) 201161435564 P 201113134028 (32) 24.01.2011 25.05.2011 (33) United States of America United States of America	(54) RECEIVER DRIVEN UP-SWITCHING IN VIDEO TELEPHONY (73) Qualcomm Incorporated (72) VAN DER AUWERA, Geert COBAN, Muhammed Zeyd KARCZEWICZ, Marta LEUNG, Nikolai Konrad (31) 201462030513 P 201514811569 (32) 29.07.2014 28.07.2015 (33) United States of America United States of America
(51) H04L 12/24 H04L 29/06 (11) EP2840737 (21) EP12760221.7 (47) 01.05.2019 (87) CN2012074963 27.09.2012 (22) 02.05.2012	(51) H04L 12/24 H04W 48/20 H04W 84/12 (11) EP3118700 (21) EP14851407.8 (47) 01.05.2019 (87) CN2014078735	(51) H04L 12/26 H04L 29/08 G06F 11/20 (11) EP3104555 (21) EP16170519.9 (47) 01.05.2019 (22) 20.05.2016
(54) METHOD AND APPARATUS FOR CONTROLLING NETWORK DEVICE (73) Huawei Technologies Co., Ltd.		

(54) METHOD AND ASSOCIATED APPARATUS FOR MANAGING A STORAGE SYSTEM	27.10.2006	(31) PCT/IB2010/003388 20100060886
(72) Synology Incorporated	(33) United States of America	(32) 26.11.2010
(72) Huang, Yi-Chan	United States of America	26.06.2010
(31) 104118454	United States of America	(33) World Intellectual Property Office (WIPO)
(32) 08.06.2015	United States of America	Korea (Republic)
(33) Taiwan, Province of China	United States of America	(51) H04L 12/28
(51) H04L 12/26	(51) H04L 12/28	H04L 29/06
H04Q 1/02	H01R 13/66	H04L 29/08
H04L 12/24	H01R 24/76	(11) EP2633647
(11) EP2957072	(11) EP2713562	(21) EP10859035.7
(21) EP14710385.7	(21) EP13182317.1	(47) 01.05.2019
(47) 01.05.2019	(47) 01.05.2019	(87) SE2010051159
(87) IB2014058680	(22) 30.08.2013	03.05.2012
21.08.2014	(54) Interactive socket and home control system	(22) 27.10.2010
(22) 30.01.2014	(73) ROBERT BOSCH GMBH	(54) AUTHORIZING AN ELECTRONIC DEVICE TO CONTROL A MEDIA RENDERING UNIT
(54) ENDPOINT MAPPING IN A COMMUNICATION SYSTEM USING SERIAL SIGNAL SENSING	(72) Erbacher, Christoph	(73) Telefonaktiebolaget LM Ericsson (publ)
(73) HCS Kablolama Sistemleri Sanayi ve Ticaret A.S.	Andert, Markus	(72) ZALOSHNA, Farjola
(72) YOSSEF, Shay	Nagy, Akos	ERMIS, Olof
(31) 201361765827 P	Taxis, Heiko	WOXBLOM, Mikael
(32) 18.02.2013	Kloepfer, Frieder	(51) H04L 12/28
(33) United States of America	Knoll, Stefan	H04L 29/06
(51) H04L 12/26	Rogalla, Oliver	H04W 4/02
H04W 24/10	Wack, Roman	H04W 4/80
H04W 84/12	(31) 102012217963	H04L 29/08
H04W 80/00	(32) 01.10.2012	G08C 17/02
H04W 52/02	(33) Germany	(11) EP3282644
(11) EP3177079	(51) H04L 12/28	(21) EP17153640.2
(21) EP16200758.7	H04B 5/00	(47) 01.05.2019
(47) 01.05.2019	(11) EP3022875	(22) 27.01.2017
(22) 25.11.2016	(21) EP14825663.9	(54) TIMING METHOD AND DEVICE
(54) INTELLIGENT POWER SAVING	(47) 01.05.2019	(73) Beijing Xiaomi Mobile Software Co., Ltd.
(73) Imagination Technologies Limited	(87) KR2014001748	(72) FU, Qiang
(72) TATA, Chaitanya	22.01.2015	CHEN, Hong
(31) 201521461	(22) 04.03.2014	HOU, Enxing
(32) 04.12.2015	(54) METHOD AND APPARATUS FOR NETWORK COMMUNICATION IN WIRELESS POWER TRANSMISSION SYSTEM	(31) 201610659781
(33) United Kingdom	(73) Samsung Electronics Co., Ltd.	(32) 11.08.2016
(51) H04L 12/28	(72) KIM, Nam Yun	(33) China
(11) EP1974503	KWON, Hyuk Choon	(51) H04L 12/28
(21) EP07710052.7	KWON, Sang Wook	H04M 11/02
(47) 01.05.2019	AN, Chi Hyung	H04N 7/18
(87) US2007060361	JUNG, Soo Yeon	(11) EP3337100
19.07.2007	JUNG, Hee Won	(21) EP16204369.9
(22) 11.01.2007	(31) 20130084108	(47) 01.05.2019
(54) WIRELESS COMMUNICATION METHODS AND APPARATUS SUPPORTING USE OF ONE OR MORE FREQUENCY BANDS	(32) 17.07.2013	(22) 15.12.2016
(73) Qualcomm Incorporated	(33) Korea (Republic)	(54) METHOD FOR PROVIDING A COMMUNICATION BETWEEN A DOORBELL UNIT OF A SMART HOME AND AN EXTERNAL DEVICE, COMPUTER PROGRAM PRODUCTS AND DOORBELL UNIT
(72) LAROIA, Rajiv	(51) H04L 12/28	(73) Vodafone GmbH
LANE, Frank A.	H04L 12/12	(72) KRAFF, Torsten
LI, Junyi	H04L 12/24	BULJEVIC, Ivo
RICHARDSON, Thomas	H02J 3/14	BEURSGENS, Luuk
(31) 758010 P	H02J 3/28	(51) H04L 12/40
758011 P	H02J 13/00	H04L 12/24
758012 P	G05B 13/02	H04L 12/26
845051 P	(11) EP2587732	H04L 12/46
845052 P	(21) EP11798419.5	G05B 23/02
863304 P	(47) 01.05.2019	G05B 19/042
(32) 11.01.2006	(87) KR2011004657	G06F 13/40
11.01.2006	29.12.2011	G06F 13/42
15.09.2006	(22) 27.06.2011	(11) EP3014816
15.09.2006	(54) NETWORK SYSTEM	(21) EP14727466.6
	(73) LG Electronics Inc.	(47) 01.05.2019
	(72) AHN, Junho	
	KIM, Yanghwan	
	LEE, Hoonbong	
	LEE, Koonseok	

(87) EP2014061076 31.12.2014	(47) 01.05.2019	SIGNAL DEGRADE OF LINK
(22) 28.05.2014	(87) US2006018853 23.11.2006	AGGREGATION PORT
(54) FIELD BUS COUPLER FOR CONNECTING INPUT/OUTPUT MODULES TO A FIELD BUS, AND METHOD OF OPERATION FOR A FIELD BUS COUPLER	(22) 15.05.2006	(73) ZTE Corporation
(73) Weidmüller Interface GmbH & Co. KG	(54) IMPROVING ERROR RESILIENCE USING OUT OF BAND DIRECTORY INFORMATION	(72) MA, Fei
(72) KRONER, Michael GRIESE, Björn	(73) QUALCOMM INCORPORATED	LIU, Daofeng
(31) 102013106572	(72) NAGARAJ, Thadi M.	(31) 201410228837
(32) 24.06.2013	(72) SILBERGER, Amnon	(32) 27.05.2014
(33) Germany	COLLINS, Bruce	(33) China
(51) H04L 12/42	WALKER, Gordon Kent	<hr/>
H04L 12/437	LOUKAS, Serafim S.	(51) H04L 12/715
H04L 12/46	RAVEENDRAN, Vijayalakshmi R.	H04L 12/751
(11) EP2254283	(31) 680809 P	(11) EP3001614
(21) EP09719140.7	789454 P	(21) EP15181766.5
(47) 01.05.2019	(32) 13.05.2005	(47) 01.05.2019
(87) CN2009070028	04.04.2006	(22) 20.08.2015
17.09.2009	(33) United States of America	(54) TECHNOLOGIES FOR BRIDGING BETWEEN COARSE-GRAINED AND FINE-GRAINED LOAD BALANCING
(22) 05.01.2009	United States of America	(73) Intel Corporation
(54) METHOD FOR UPDATING ADDRESS TABLE OF ETHERNET RING NETWORK NODE AND CORRESPONDING ETHERNET RING NETWORK PROTECTION SYSTEM	(51) H04L 12/70	(72) RAMIA, Kannan Babu
(73) ZTE Corporation	H04L 12/54	MACIOCCO, Christian
(72) WU, Shaoyong	H04L 12/801	GOBRIEL, Sameh
(31) 200810007785	(11) EP1880516	SUNDER RAJAN, Ashok
(32) 12.03.2008	(21) EP06727093.4	(31) 201414496495
(33) China	(47) 01.05.2019	(32) 25.09.2014
(51) H04L 12/46	(87) GB2006001745	(33) United States of America
(11) EP1568178	16.11.2006	<hr/>
(21) EP03790274.9	(22) 12.05.2006	(51) H04L 12/721
(47) 01.05.2019	(54) COMMUNICATION SYSTEM	H04L 12/24
(87) US2003038395	(73) British Telecommunications public limited company	H04L 12/46
17.06.2004	(72) WILLIAMS, Philip Mark	H04L 12/715
(22) 02.12.2003	(31) 05252963	(11) EP2860919
(54) MODEM RELAY ORIGINATOR	(32) 13.05.2005	(21) EP14184270.8
(73) Cisco Technology, Inc.	(33) European Patent Office (EPO)	(47) 01.05.2019
(72) GROVE, Vincent, Todd	(51) H04L 12/709	(22) 10.09.2014
WILDFEUER, Herbert, Michael	(11) EP2671352	(54) Asymmetric connection with external networks
GARAKANI, Mehryar Khalili	(21) EP11822869.1	(73) Nicira Inc.
(31) 308592	(47) 01.05.2019	(72) Zhang, Ronghua
(32) 02.12.2002	(87) IN2011000838	Gross IV, Jesse E.
(33) United States of America	09.08.2012	(31) 201361890314 P
(51) H04L 12/66	(22) 07.12.2011	201314068658
(11) EP1967035	(54) SYSTEM AND METHOD FOR AGGREGATING AND ESTIMATING THE BANDWIDTH OF MULTIPLE NETWORK INTERFACES	(32) 13.10.2013
(21) EP06844683.0	(73) Tata Consultancy Services Ltd.	31.10.2013
(47) 01.05.2019	(72) BANDYOPADHYAY, Soma	(33) United States of America
(87) US2006045902	NADAF, Shameemraj M	United States of America
05.07.2007	(31) 299MU2011	<hr/>
(22) 01.12.2006	(32) 02.02.2011	(51) H04L 12/721
(54) REMOTE SWITCH COMMUNICATION OVER A NETWORK	(33) India	H04L 12/717
(73) Cisco Technology, Inc.	(51) H04L 12/709	H04L 12/715
(72) SMITH, Michael	H04L 12/803	H04L 12/741
GANDHI, Prashant	H04L 12/26	(11) EP3085033
(31) 318711	H04L 12/24	(21) EP14802197.5
(32) 27.12.2005	H04L 12/46	(47) 01.05.2019
(33) United States of America	H04L 12/70	(87) IB2014065834
(51) H04L 12/66	(11) EP3151491	25.06.2015
H04L 29/06	(21) EP14893102.5	(22) 06.11.2014
H04L 1/00	(47) 01.05.2019	(54) METHOD, APPARATUS, AND SYSTEM FOR SUPPORTING FLEXIBLE LOOKUP KEYS IN SOFTWARE-DEFINED NETWORKS
(11) EP1882343	(87) CN2014086557	(73) Telefonaktiebolaget LM Ericsson (publ)
(21) EP06770411.4	03.12.2015	(72) PITCHAI, Sridhar
	(22) 15.09.2014	HLADY, Mark
	(54) PROTECTION SWITCHING TRIGGER METHOD AND APPARATUS FOR	(31) 201361917914 P
		201414168827
		(32) 18.12.2013
		30.01.2014
		(33) United States of America
		United States of America
		<hr/>
		(51) H04L 12/725

H04L 12/721	FLUSHING SCHEME IN A NETWORKING DEVICE	Schmidt, Gerald Patel, Saurin
(11) EP3046294	(73) Oracle International Corporation	(31) 201414309650
(21) EP15199964.6	(72) SRINIVASAN, Arvind	(32) 19.06.2014
(47) 01.05.2019	CASTIL, Carlos	(33) United States of America
(22) 14.12.2015	(31) 201414584831	(51) H04L 12/935
(54) SYSTEM AND METHOD FOR EFFICIENT NAME-BASED CONTENT ROUTING USING LINK-STATE INFORMATION IN INFORMATION-CENTRIC NETWORKS	201414584847	H04L 29/06
(73) Cisco Technology, Inc.	(32) 29.12.2014	H04W 4/90
(72) GARCIA-LUNA-ACEVES, Jose J.	29.12.2014	(11) EP2958288
(31) 201414579925	(33) United States of America	(21) EP15172942.3
(32) 22.12.2014	United States of America	(47) 01.05.2019
(33) United States of America	(51) H04L 12/927	(22) 19.06.2015
(51) H04L 12/725	(11) EP3348029	(54) A METHOD OF MODIFYING PACKETS TO A GENERIC FORMAT FOR ENABLING PROGRAMMABLE MODIFICATIONS AND AN APPARATUS THEREOF
H04L 12/923	(21) EP17791534.5	(73) Cavium, Inc.
H04W 28/06	(47) 01.05.2019	(72) Singh, Chirinjeev
H04L 12/24	(87) CN2017096235	Anand, Vishal
H04L 29/08	24.05.2018	Daniel, Tsahi
H04W 16/18	(22) 07.08.2017	Schmidt, Gerald
H04L 12/803	(54) SYSTEM AND METHOD FOR ENSURING QUALITY OF SERVICE IN A COMPUTE WORKFLOW	(31) 201414309603
(11) EP3197111	(73) HUAWEI TECHNOLOGIES CO., LTD.	(32) 19.06.2014
(21) EP14904040.4	(72) SANJABI, Sam	(33) United States of America
(47) 01.05.2019	CHEN, Chong	(51) H04L 25/02
(87) CN2014088473	POURNAGHI, Reza	H04B 7/06
21.04.2016	BERGSMAN, Shane Anthony	(11) EP3100422
(22) 13.10.2014	PEI, Wei	(21) EP14741945.1
(54) SERVICE OPTIMIZATION METHODS, TRANSPORT CONTROLLERS, CLIENT CONTROLLER AND SYSTEM	(31) 201662423894 P	(47) 01.05.2019
(73) Huawei Technologies Co., Ltd.	201715607721	(87) IB2014060252
(72) ZHENG, Haomian	(32) 18.11.2016	06.08.2015
LIU, Hong	30.05.2017	(22) 28.03.2014
(51) H04L 12/735	(33) United States of America	(54) METHOD FOR OPERATING A BASE STATION IN A WIRELESS RADIO NETWORK AND CORRESPONDING BASE STATION
H04L 12/721	United States of America	(73) Sony Corporation
H04L 12/725	(51) H04L 12/931	(72) BENGTSSON, Erik
H04L 12/715	H04L 5/14	SAMUELSSON, Vanja Plicanic
H04L 12/727	(11) EP3323223	(31) 14153322
H04L 12/729	(21) EP16732865.7	(32) 30.01.2014
H04L 12/26	(47) 01.05.2019	(33) European Patent Office (EPO)
H04L 29/08	(87) US2016038269	(51) H04L 25/03
(11) EP2920929	19.01.2017	H04L 1/00
(21) EP13826823.0	(22) 19.06.2016	(11) EP3123680
(47) 01.05.2019	(54) SCHEDULING MECHANISMS IN FULL DUPLEX CABLE NETWORK ENVIRONMENTS	(21) EP15770248.1
(87) US2013077733	(73) Cisco Technology, Inc.	(47) 01.05.2019
03.07.2014	(72) JIN, Hang	(87) US2015017445
(22) 26.12.2013	CHAPMAN, John T.	01.10.2015
(54) ROUTING DATA	(31) 201562192924 P	(22) 25.02.2015
(73) Microsoft Technology Licensing, LLC	201615052466	(54) APPARATUS, METHOD AND SYSTEM OF SCRAMBLING A WIRELESS TRANSMISSION
(72) KESKKULA, Silver	(32) 15.07.2015	(73) Intel IP Corporation
BATES, Tony	24.02.2016	(72) SVERDLOV, Alexander
(31) 201213727392	(33) United States of America	HAREL, Tom
(32) 26.12.2012	United States of America	GENOSSAR, Michael
(33) United States of America	(51) H04L 12/935	(31) 201414224397
(51) H04L 12/801	H04L 29/06	(32) 25.03.2014
H04L 12/935	H04L 12/743	(33) United States of America
H04L 12/937	(11) EP2958286	(51) H04L 25/03
H04L 12/931	(21) EP15172917.5	H04W 84/14
(11) EP3241320	(47) 01.05.2019	(11) EP1415449
(21) EP15816609.0	(22) 19.06.2015	(21) EP02745654.0
(47) 01.05.2019	(54) A METHOD OF USING GENERIC MODIFICATION INSTRUCTIONS TO ENABLE FLEXIBLE MODIFICATIONS OF PACKETS AND AN APPARATUS THEREOF	(47) 01.05.2019
(87) US2015063521	(73) Cavium, Inc.	(87) GB2002003303
07.07.2016	(72) Singh, Chirinjeev	13.02.2003
(22) 02.12.2015	Daniel, Tsahi	
(54) SYSTEM AND METHOD FOR SUPPORTING EFFICIENT VIRTUAL OUTPUT QUEUE (VOQ) PACKET		

(22) 18.07.2002	(21) EP14826055.7	H04H 20/30
(54) PREDISTORTION OF CONTENTION SIGNALS	(47) 01.05.2019	H04L 12/18
(73) Cambridge Broadband Networks Limited	(87) KR2014006537	(11) EP2263357
(72) PORTER, John David	22.01.2015	(21) EP09717236.5
SELLARS, Malcolm Paul	(22) 18.07.2014	(47) 01.05.2019
GREAVES, Stephen David	(54) ROBUST SYMBOL TRANSMISSION AND RECEPTION METHOD USING HIERARCHICAL MODULATION IN WIRELESS ACCESS SYSTEM	(87) KR2009001039
(31) 0118288		11.09.2009
0201738	(73) LG Electronics Inc.	(22) 03.03.2009
(32) 26.07.2001	(72) KIM, Jinmin	(54) METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING IN-BAND SIGNALING INFORMATION IN A WIRELESS BROADCASTING SYSTEM
25.01.2002	NOH, Kwangseok	
(33) United Kingdom	CHOI, Kukheon	(73) Samsung Electronics Co., Ltd.
United Kingdom	CHUNG, Jaehoon	(72) LEE, Hak-Ju
(51) H04L 27/26	KIM, Kitae	KWON, Hwan-Joon
H04L 5/00	(31) 201361856037 P	LIM, Yeon-Ju
(11) EP2228961	(32) 18.07.2013	KIM, Jae-Yoel
(21) EP10001860.5	(33) United States of America	YUN, Sung-Ryul
(47) 01.05.2019	(51) H04L 27/34	JEONG, Hong-Sil
(22) 23.02.2010	H04B 7/06	MYUNG, Seho
(54) A radio communication system having different cell configurations in different subbands	H04L 1/18	(31) 20080019636
	H04W 76/28	(32) 03.03.2008
(73) Hitachi, Ltd.	H04L 27/26	(33) Korea (Republic)
(72) Fujishima, Kenzaburo	H04L 27/18	(51) H04L 29/06
Takada, May	(11) EP2579535	(11) EP2430812
Tsunehara, Katsuhiko	(21) EP11786087.4	(21) EP10722465.1
Tamaki, Satoshi	(47) 01.05.2019	(47) 01.05.2019
Sasaki, Shinya	(87) CN2011074657	(87) US2010034989
Ono, Go	01.12.2011	18.11.2010
Uwano, Koki	(22) 25.05.2011	(22) 14.05.2010
(31) 2009057044	(54) METHOD AND APPARATUS FOR RECEIVING SIGNALS	(54) CONTROLLING MEDIA AND INFORMING CONTROLLER STATUS IN COLLABORATIVE SESSIONS
(32) 10.03.2009	(73) China Academy of Telecommunications Technology	(73) QUALCOMM Incorporated
(33) Japan	(72) SHEN, Zukang	(72) DOKEN, Serhad
(51) H04L 27/26	LIN, Yanan	JIN, Haipeng
H04L 25/03	GAO, Xuejuan	MAHENDRAN, Arungundram,
H04L 27/36	PAN, Xueming	Chandrasekaran
(11) EP3300325	(31) 201010189990	(31) 178476 P
(21) EP17191727.1	(32) 25.05.2010	180556 P
(47) 01.05.2019	(33) China	180537 P
(22) 19.09.2017	(51) H04L 27/34	779694
(54) OFDM TRANSMITTER WITH BLOCK FILTERING AND CORRESPONDING TRANSCEIVER SYSTEM	H04L 25/03	(32) 14.05.2009
	H04L 1/00	22.05.2009
(73) Commissariat à l'Energie Atomique et aux Energies Alternatives	H04L 27/02	22.05.2009
(72) DORE, Jean-Baptiste	H04L 25/06	13.05.2010
(31) 1658866	(11) EP2798807	(33) United States of America
(32) 21.09.2016	(21) EP12840837.4	United States of America
(33) France	(47) 01.05.2019	United States of America
(51) H04L 27/34	(87) IB2012002923	United States of America
(11) EP2534806	04.07.2013	(51) H04L 29/06
(21) EP10845126.1	(22) 14.12.2012	(11) EP2430811
(47) 01.05.2019	(54) METHOD FOR NON-UNIFORM MAPPING OF BIT SEQUENCES AND A CORRESPONDING DEVICE	(21) EP10721892.7
(87) CN2010080590	(73) Orange	(47) 01.05.2019
11.08.2011	(72) BAI, Baoming	(87) US2010034983
(22) 31.12.2010	ZHOU, Lin	18.11.2010
(54) INTEGRATED MULTI-DATASTREAM TRANSMISSION TECHNOLOGY	LUO, Yajuan	(22) 14.05.2010
	(31) PCT/CN2011/084725	(54) MAINTAINING CONTROLLEE INFORMATION IN COLLABORATIVE SESSIONS
(73) Alcatel Lucent	(32) 27.12.2011	(73) QUALCOMM Incorporated
(72) CHAO, Hua	(33) World Intellectual Property Office (WIPO)	(72) DOKEN, Serhad
LI, Ji	(51) H04L 29/02	JIN, Haipeng
WANG, Yonggang	H04L 29/08	MAHENDRAN, Arungundram
HU, Zhongji	H04L 29/06	Chandrasekaran
(31) 201010106962	H04J 3/12	(31) 178476 P
(32) 08.02.2010	H04L 5/00	180556 P
(33) China	H04H 60/06	180537 P
(51) H04L 27/34		
(11) EP3024190		

779682	(47) 01.05.2019	(54) System and method for delivering an audio-visual content to a client device
(32) 14.05.2009	(22) 22.10.2013	(73) Broadpeak
22.05.2009	(54) A SYSTEM AND METHOD FOR SECURE PROXY-BASED AUTHENTICATION	(72) Brebion, Rémy
22.05.2009	(73) CyberArk Software Ltd.	Colombel, Dominique
13.05.2010	(72) DULKIN, Andrey	Le Mancq, Jacques
(33) United States of America	SADE, Yair	(51) H04L 29/06
United States of America	(31) 201261717656 P	H04L 29/08
United States of America	(32) 24.10.2012	(11) EP2912824
United States of America	(33) United States of America	(21) EP13848954.7
(51) H04L 29/06	(51) H04L 29/06	(47) 01.05.2019
(11) EP2547066	G06F 21/45	(87) KR2013009596
(21) EP12187799.7	(11) EP3241335	01.05.2014
(47) 01.05.2019	(21) EP15885779.7	(22) 25.10.2013
(22) 24.11.2009	(47) 01.05.2019	(54) METHOD AND APPARATUS FOR ACCELERATING WEB SERVICE WITH PROXY SERVER
(54) Systems and methods for load balancing real time streaming protocol	(87) US2015067784	(73) Samsung Electronics Co., Ltd.
(73) Citrix Systems, Inc.	01.12.2016	(72) LEE, Ji-Cheol
(72) Narayana, Raghav, Somanahalli	(22) 29.12.2015	(31) 20120119134
Verzunov, Sergey	(54) METHOD AND APPARATUS FOR SECURING A MOBILE APPLICATION	(32) 25.10.2012
(31) 323243	(73) OneSpan International GmbH	(33) Korea (Republic)
(32) 25.11.2008	(72) CLAES, Mathias	(51) H04L 29/06
(33) United States of America	COULIER, Frank	H04L 29/08
(51) H04L 29/06	(31) 201462097376 P	(11) EP3113442
(11) EP2860937	(32) 29.12.2014	(21) EP15382342.2
(21) EP14183903.5	(33) United States of America	(47) 01.05.2019
(47) 01.05.2019	(51) H04L 29/06	(22) 29.06.2015
(22) 08.09.2014	G06F 21/56	(54) METHOD AND SERVER FOR IMPROVING QUALITY IN ADAPTIVE STREAMING DELIVERY SYSTEMS
(54) Log analysis device, method, and program	(11) EP3234850	(73) Alcatel-Lucent España
(73) FUJITSU LIMITED	(21) EP15821216.7	(72) RUIZ ALONSO, Jaime
(72) Honda, Satomi	(47) 01.05.2019	PEREZ GARCIA, Pablo
Fujishima, Yuki	(87) US2015066061	VILLEGAS NUÑEZ, Alvaro
Takenaka, Masahiko	23.06.2016	(51) H04L 29/06
Torii, Satoru	(22) 16.12.2015	H04L 29/08
(31) 2013214198	(54) METHODS, SYSTEMS, AND DEVICES FOR DETECTING AND ISOLATING DEVICE POSING SECURITY THREAT	(11) EP3273659
(32) 11.10.2013	(73) Fedex Corporate Services, Inc.	(21) EP17181807.3
(33) Japan	(72) PATTESON, Christopher Perry	(47) 01.05.2019
(51) H04L 29/06	MAIER, Edward Michael	(22) 18.07.2017
(11) EP3016348	MINGS, Michael Jesse	(54) CONTENT DELIVERY SYSTEM AND METHOD
(21) EP15190366.3	(31) 201414577405	(73) Panasonic Intellectual Property Corporation of America
(47) 01.05.2019	(32) 19.12.2014	(72) SHIRAKATA, Naganori
(22) 19.10.2015	(33) United States of America	TAKINAMI, Koji
(54) TRUSTED DEVICE CONTROL MESSAGES	(51) H04L 29/06	URUSHIHARA, Tomoya
(73) NCR Corporation	H04L 9/08	KOBAYASHI, Masashi
(72) Antonakakis, Stavros	(11) EP2769520	ONO, Kenichi
(31) 201414530167	(21) EP11772966.5	YAMAMOTO, Noboru
(32) 31.10.2014	(47) 01.05.2019	(31) 2016144805
(33) United States of America	(87) EP2011068282	(32) 22.07.2016
(51) H04L 29/06	25.04.2013	(33) Japan
(11) EP3278527	(22) 19.10.2011	(51) H04L 29/06
(21) EP16701430.7	(54) ACCESS METHOD AND COMMUNICATION SYSTEM FOR ACCESSING A PROTECTED COMMUNICATION SERVICE	H04L 29/08
(47) 01.05.2019	(73) Technische Universität Dortmund	H04W 4/12
(87) EP2016050859	(72) WIETFELD, Christian	H04W 28/06
06.10.2016	SBEITI, Mohamad	H04W 28/08
(22) 18.01.2016	SUBIK, Sebastian	(11) EP2928155
(54) ENHANCED NETWORK SECURITY BY TOKEN	WOLFF, Andreas	(21) EP15166406.7
(73) Telefonaktiebolaget LM Ericsson (publ)	(51) H04L 29/06	(47) 01.05.2019
(72) JERKEBY, Christoffer	H04L 29/08	(22) 21.03.2007
KUMLIEN, Ian	(11) EP2704391	(54) METHODS FOR PROCESSING A CONTROL MESSAGE IN AN IP MULTIMEDIA SUBSYSTEM IMS, REPRESENTATIVE APPLICATION
(31) 201562141937 P	(21) EP12306026.1	
(32) 02.04.2015	(47) 01.05.2019	
(33) United States of America	(22) 27.08.2012	
(51) H04L 29/06		
G06F 21/31		
(11) EP3119059		
(21) EP16186649.6		

SERVER, S-CSCF, APPLICATION SERVER, AND USER EQUIPMENT	(47) 01.05.2019	(87) CN2015075337
(73) Samsung Electronics Co., Ltd	(87) CN2013079090	06.10.2016
(72) Yeoum, Tae-Sun	21.11.2013	(22) 28.03.2015
Lim, Han-Na	(22) 09.07.2013	(54) MULTI-LINK AGGREGATION MESSAGE SENDING METHOD AND APPARATUS
Song, O-Sok	(54) MOBILE TERMINAL WITH BUILT-IN PPPOE DIALING FUNCTION AND DIALING METHOD THEREOF	(73) Huawei Technologies Co., Ltd.
Jung, Joon-Ho	(73) ZTE Corporation	(72) LIANG, Bo
(31) 20060025869	(72) WANG, Bin	WEI, Jichuan
20060079598	(31) 201210374514	(51) H04L 29/08
(32) 21.03.2006	(32) 27.09.2012	H04L 29/06
22.08.2006	(33) China	(11) EP2437464
(33) Korea (Republic)	(51) H04L 29/06	(21) EP10306081.0
Korea (Republic)	H04W 72/04	(47) 01.05.2019
(51) H04L 29/06	(11) EP1465375	(22) 04.10.2010
H04N 21/439	(21) EP04251776.3	(54) System for delayed video viewing
H04N 21/41	(47) 01.05.2019	(73) Accenture Global Services Limited
H04N 21/431	(22) 26.03.2004	(72) Andres Del Valle, Ana Cristina
H04N 21/435	(54) Network management method for wireless transmission/reception of data streams and network apparatus employing the same	Dempski, Kelly L.
H04N 21/436	(73) Samsung Electronics Co., Ltd.	(51) H04L 29/08
H04N 21/4363	(72) Yoon, Hyun-sik	H04L 29/06
H04N 21/442	Yook, Hyun-gyoo	(11) EP2355454
H04N 21/84	(31) 2003020099	(21) EP11151623.3
H04N 21/81	(32) 31.03.2003	(47) 01.05.2019
(11) EP2779577	(33) Korea (Republic)	(22) 21.01.2011
(21) EP14160037.9	(51) H04L 29/08	(54) Vehicle-based computing apparatus for communication with a remote application
(47) 01.05.2019	G06Q 30/02	(73) Ford Global Technologies, LLC
(22) 14.03.2014	(11) EP3065378	(72) Boll, David P.
(54) Data transmitting apparatus, data receiving apparatus, data transceiving system, method for transmitting data, and method for receiving data	(21) EP16158252.3	Santori, Nello Joseph
(73) Samsung Electronics Co., Ltd.	(47) 01.05.2019	Ross, Joseph N.
(72) LEE, Kyeong-jae	(22) 02.03.2016	Shaker, Mark
KIM, Soo-Young	(54) CONTENT PROVIDING METHOD OF CONTENT PROVIDING SYSTEM AND ELECTRONIC APPARATUS	Kaier, Micah J.
KIM, Jong-hwa	(73) Samsung Electronics Co., Ltd.	Joh, Brian Woogeun
NA, Il-ju	(72) JWA, Chang Hyup	Schunder, Mark
(31) 201361789803 P	KIM, Kyung Tae	(31) 701019
201361802807 P	LEE, Jung Jik	(32) 05.02.2010
20140025030	YOON, Sung Min	(33) United States of America
(32) 15.03.2013	LEE, Sun Kee	(51) H04L 29/08
18.03.2013	(31) 20150028963	H04N 21/647
03.03.2014	(32) 02.03.2015	H04L 29/06
(33) United States of America	(33) Korea (Republic)	H04N 21/238
United States of America	(51) H04L 29/08	(11) EP2797319
Korea (Republic)	H04L 12/751	(21) EP12860913.8
(51) H04L 29/06	(11) EP3036665	(47) 01.05.2019
H04W 8/00	(21) EP14772170.8	(87) JP2012007372
H04W 80/06	(47) 01.05.2019	27.06.2013
H04W 4/70	(87) GB2014052556	(22) 16.11.2012
H04W 80/12	26.02.2015	(54) CONTENT DELIVERY SYSTEM
H04W 92/10	(22) 20.08.2014	(73) NEC Corporation
(11) EP3384659	(54) A METHOD OF TRANSMITTING DATA STRUCTURES FROM ONE COMPUTER TO ANOTHER COMPUTER	(72) SATODA, Kozo
(21) EP15813944.4	(73) Deep-Secure Limited	(31) 2011279213
(47) 01.05.2019	(72) WISEMAN, Simon Robert	(32) 21.12.2011
(87) SE2015051306	(31) 201315028	(33) Japan
08.06.2017	(32) 22.08.2013	(51) H04L 29/08
(22) 03.12.2015	(33) United Kingdom	H04W 24/02
(54) METHOD AND DEVICES FOR MANAGING CONSTRAINED DEVICES	(51) H04L 29/08	H04W 28/18
(73) Telefonaktiebolaget LM Ericsson (PUBL)	H04L 12/891	H04W 52/24
(72) HÖLLER, Jan	H04L 12/701	H04L 12/26
SINGHAL, Sumit	H04L 12/801	H04W 16/04
(51) H04L 29/06	(11) EP3270565	H04W 40/24
H04W 12/06	(21) EP15886820.8	H04W 52/14
H04L 12/28	(47) 01.05.2019	H04W 52/22
H04W 84/12	(54) PROVIDING UTILIZATION INFORMATION FOR INTELLIGENT	(11) EP3113455
(11) EP2866404		(21) EP16177542.4
(21) EP13790022.1		(47) 01.05.2019
		(22) 01.07.2016

SELECTION OF OPERATING PARAMETERS OF A WIRELESS ACCESS POINT	(47) 01.05.2019 (87) EP2016063599 22.12.2016	Yoo, Jiyong Kim, Minsuk (31) 20140009105 (32) 24.01.2014 (33) Korea (Republic)
(73) Comcast Cable Communications, LLC	(22) 14.06.2016	
(72) Attanasio, Joseph Singh, Sukhjinder Davey, James	(54) CREDENTIALIAL CACHE (73) Assa Abloy AB (72) WAGSTAFF, Russell	(51) H04M 1/20 H04M 1/60 G10L 21/02 H04B 1/10 H04B 15/00 H04M 1/725 H04M 9/08 H04M 11/00
(31) 201514789381	(31) 15172069	
(32) 01.07.2015	(32) 15.06.2015	
(33) United States of America	(33) European Patent Office (EPO)	
(51) H04L 29/08 H04W 84/18	(51) H04M 1/05 G06F 1/16 H04M 1/725	
(11) EP2815556	G06F 3/0346	(11) EP2636212
(21) EP12707376.5	G06F 3/0481	(21) EP11761026.1
(47) 01.05.2019	G06F 3/0482	(47) 01.05.2019
(87) IB2012000256 22.08.2013	G06F 3/0488	(87) EP2011065041 14.06.2012
(22) 13.02.2012	G09G 5/10	
(54) ELECTRONIC DEVICES, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING A TAG HAVING A SENSOR ASSOCIATED THEREWITH AND RECEIVING SENSOR INFORMATION THEREFROM	G09G 5/14 H04B 1/3827 G06F 3/01 G06F 3/0485	(22) 31.08.2011 (54) CONTROLLING AUDIO SIGNALS (73) Skype (72) OHLMEIER, Nils (31) 963353 (32) 08.12.2010 (33) United States of America
(73) Sony Mobile Communications Inc.	(11) EP3096506 (21) EP15191669.9	
(72) LJUNG, Peter WADMAN, Johan	(47) 01.05.2019 (22) 27.10.2015 (54) WATCH-TYPE MOBILE TERMINAL AND METHOD OF CONTROLLING THEREFOR	(51) H04M 1/57 (11) EP3041204 (21) EP15195319.7 (47) 01.05.2019 (22) 19.11.2015 (54) METHOD FOR PROMPTING CALLING REQUEST AND DEVICE FOR THE SAME
(51) H04L 29/12 (11) EP2611112	(73) LG Electronics Inc. (72) CHI, Jumin KIM, Jonghwan SONG, Younghoon KIM, Yung	(73) Xiaomi Inc. (72) YU, Mingyang ZHANG, Xiaodan MA, Baiming WANG, Wei
(21) EP12197268.1	(31) 201562165204 P 20150103324	(31) 201410713413 (32) 28.11.2014 (33) China
(47) 01.05.2019	(32) 22.05.2015	
(22) 14.12.2012	21.07.2015	
(54) Methods and systems for creating new domains	(33) United States of America Korea (Republic)	
(73) VeriSign, Inc.	(51) H04M 1/05 H04M 1/725	(51) H04M 1/725 (11) EP2806622
(72) Gould, James Tidwell, Paul Lavu, Ramana Murthy Anderson, Marc Arians, Lambert	G06F 1/16 A61B 5/00 G08B 21/04 A61B 5/021 A61B 5/024 A61B 5/0402 H04B 1/3827 G06F 3/01 A61B 5/0476 A61B 5/0488 A61B 5/08 A61B 5/11 G08B 25/01 G08B 25/00	(21) EP14169670.8 (47) 01.05.2019 (22) 23.05.2014 (54) Displaying a group message (73) Samsung Electronics Co., Ltd (72) Choi, Bokun Hwang, Sooji (31) 20130058596 (32) 23.05.2013 (33) Korea (Republic)
(31) 201113339466	(31) 201562165204 P 20150103324	
(32) 29.12.2011	(32) 22.05.2015	
(33) United States of America	21.07.2015	
(51) H04L 29/12 H04L 29/14 H04L 29/08 H04L 29/06	(33) United States of America Korea (Republic)	
(11) EP2392122	(51) H04M 1/725 G06F 3/0483	(11) EP2953332 (21) EP15177961.8 (47) 01.05.2019 (22) 04.09.2007 (54) USER INTERFACE FOR A WIRELESS DEVICE
(21) EP10701996.0	G08B 25/01 G08B 25/00	(73) Qualcomm Incorporated (72) TSENG, Tina L. HAITANI, Robert MEAD, Pamela
(47) 01.05.2019	(11) EP2899952 (21) EP14192792.1	(31) 469969 (32) 05.09.2006 (33) United States of America
(87) US2010022211 05.08.2010	(47) 01.05.2019 (22) 12.11.2014 (54) Mobile terminal worn by the user and method of controlling the same	
(22) 27.01.2010	(73) LG Electronics Inc. (72) Heo, Jeongyun Park, Hoyoul Kim, Chankwon Kang, Wonsuk Lee, Jeongjae	
(54) MEDIA STREAMING THROUGH A NETWORK ADDRESS TRANSLATION (NAT) DEVICE		
(73) Synamedia Limited		
(72) PICKENS, John CHOU, Hoi-Tauw, Jozef GAHM, Jonathan		
(31) 362813		
(32) 30.01.2009		
(33) United States of America		
(51) H04L 29/14 G07C 9/00 H04W 12/08		
(11) EP3308532		
(21) EP16729883.5		

(51) H04M 1/725 G06F 9/451 G06F 9/445	(72) Kaushal, Arvind Boone, Jon Khan, Sohel Rubin, Louis Sherman, Brett	SPOTTISWOODE, S., James P. (31) 21251 84201 P 266418 331181 331186 331195 331210 355602
(11) EP2880567 (21) EP13826131.8 (47) 01.05.2019 (87) CN2013075963 06.02.2014 (22) 21.05.2013	(31) 913634 (32) 27.10.2010 (33) United States of America	
(54) METHOD AND APPARATUS FOR SWITCHING SOFTWARE INTERFACE OF A MOBILE TERMINAL	(51) H04M 3/51 H04M 3/523 G06F 9/50 H04M 3/36 H04L 29/06 H04L 29/08 H04L 29/12 H04L 12/803	(32) 28.01.2008 28.07.2008 06.11.2008 09.12.2008 09.12.2008 09.12.2008 09.12.2008 16.01.2009
(73) Tencent Technology Shenzhen Company Limited	(11) EP2404412 (21) EP10749216.7 (47) 01.05.2019 (87) US2010025943 10.09.2010 (22) 02.03.2010	(33) United States of America United States of America United States of America United States of America United States of America United States of America United States of America
(72) HUANG, Xusheng (31) 201210271418 (32) 01.08.2012 (33) China	(54) METHOD AND SYSTEM FOR A MULTITENANCY TELEPHONE NETWORK	(33) United States of America United States of America United States of America United States of America United States of America United States of America
(51) H04M 3/22 H04L 12/26 H04M 15/00 H04M 7/00 H04L 29/06	(73) Twilio Inc. (72) LAWSON, Jeffrey WOLTHUIS, John COOKE, Evan	(51) H04M 7/12 H04L 12/66 G10L 21/00 H04M 3/56
(11) EP1676431 (21) EP04789214.6 (47) 01.05.2019 (87) US2004031919 14.04.2005 (22) 30.09.2004	(31) 156758 P 249493 P 296270 P (32) 02.03.2009 07.10.2009 19.01.2010 (33) United States of America United States of America United States of America	(11) EP1943826 (21) EP06737395.1 (47) 01.05.2019 (87) US2006008219 10.05.2007 (22) 07.03.2006
(54) METHODS AND SYSTEMS FOR PROVIDING LAWFUL INTERCEPT OF A MEDIA STREAM IN A MEDIA GATEWAY	(73) Oracle International Corporation	(54) DYNAMIC CALL CHARACTERISTIC CONTROL ON A PER CALL BASIS
(73) Genband US LLC (72) HOU, Hao HE, Yong NGUYEN, Tuan, Minh DOLEH, Ahmed	(72) MAES, Stephane H. (31) 264787 (32) 31.10.2005 (33) United States of America	(73) Oracle International Corporation
(31) 676234 (32) 01.10.2003 (33) United States of America	(51) H04M 3/523 (11) EP1882357 (21) EP06770592.1 (47) 01.05.2019 (87) US2006019291 30.11.2006 (22) 18.05.2006	(51) H04M 11/06 H02H 1/04 H02H 9/04 H02H 9/06 (11) EP2792040 (21) EP12794722.4 (47) 01.05.2019 (87) EP2012074274 20.06.2013 (22) 03.12.2012
(51) H04M 3/42 (11) EP3138272 (21) EP15727460.6 (47) 01.05.2019 (87) IB2015053030 05.11.2015 (22) 26.04.2015	(54) SYSTEM AND METHOD FOR RETURN TO AGENTS DURING A CONTACT CENTER SESSION	(54) THREE-POLE LIGHTNING ARRESTOR INTEGRATED INTO A RESIDENTIAL GATEWAY WITH LIGHTNING IMPACT DETECTOR
(54) VOICE CALL DIVERSION TO ALTERNATE COMMUNICATION METHOD	(73) Cisco Technology, Inc. (72) EPPEL, Martin, R. PATEL, Labhesh TONG, Aaron	(73) Sagemcom Broadband SAS (72) DANGY-CAYE, Nicolas (31) 1161484 (32) 12.12.2011 (33) France
(73) Webtext Holdings Limited (72) CAHILL, Anthony KEATING, Colm	(31) 133933 (32) 20.05.2005 (33) United States of America	(51) H04M 11/06 H04L 5/00 H04B 3/32 H04J 13/00 H04L 27/26 (11) EP3202130 (21) EP15781041.7
(31) 201461984813 P (32) 27.04.2014 (33) United States of America	(51) H04M 3/523 H04M 3/42 (11) EP2235926 (21) EP09705092.6 (47) 01.05.2019 (87) US2009031611 06.08.2009 (22) 21.01.2009	
(51) H04M 3/42 H04Q 3/66 H04M 7/12 H04L 29/06	(54) ROUTING CALLERS FROM A SET OF CALLERS IN AN OUT OF ORDER SEQUENCE	
(11) EP2945355 (21) EP15176141.8 (47) 01.05.2019 (22) 24.10.2011	(73) Afiniti International Holdings, Ltd. (72) XIE, Qiaobing	
(54) DATA AND CALL ROUTING AND FORWARDING		
(73) Comcast Cable Communications, LLC		

(47) 01.05.2019	(51) H04N 1/60	(32) 18.09.2013
(87) EP2015072407	(11) EP2989783	(33) United States of America
07.04.2016	(21) EP13791946.0	(51) H04N 5/91
(22) 29.09.2015	(47) 01.05.2019	(11) EP1470709
(54) METHOD AND APPARATUS FOR	(87) EP2013072735	(21) EP02794331.5
TRANSMITTING AND RECEIVING	30.10.2014	(47) 01.05.2019
SIGNALS OVER PAIRS OF WIRES	(22) 30.10.2013	(87) US2002040828
(73) British Telecommunications public limited	(54) CREATING A COLOR GAMUT LOOK-	17.07.2003
company	UP-TABLE	(22) 20.12.2002
(72) AL RAWI, Anas	(73) Hewlett-Packard Development Company,	(54) TRICK MODES FOR COMPRESSED
HUMPHREY, Leslie	L.P.	VIDEO STREAMS
LINNEY, Trevor	(72) MOROVIC, Peter	(73) Triton US VP Acquisition Co.
HORSLEY, Ian	BENEDICTO, Jordi Arnabat	(72) NALLUR, Ramesh
(31) 14250116	BENITO, Jordi Vilar	RODRIGUEZ, Arturo, A.
(32) 30.09.2014	MOROVIC, Jan	HOPPER, Jeffrey, C.
(33) European Patent Office (EPO)	(31) PCT/EP2013/058329	NAIR, Ajith, N.
(51) H04M 15/00	(32) 22.04.2013	CHAN, Peter
H04W 4/021	(33) World Intellectual Property Office (WIPO)	(31) 38943
H04W 4/24	(51) H04N 5/225	(32) 31.12.2001
H04W 8/00	G03B 15/00	(33) United States of America
H04W 24/02	G03B 35/02	(51) H04N 5/93
H04W 64/00	G03B 37/00	G06F 17/30
H04L 12/24	G06T 1/00	G08B 13/196
H04L 12/14	(11) EP2627072	H04N 5/247
(11) EP2832037	(21) EP11830312.2	H04N 7/18
(21) EP13715381.3	(47) 01.05.2019	H04N 5/77
(47) 01.05.2019	(87) JP2011004327	H04N 5/91
(87) FR2013050659	12.04.2012	G06K 9/00
03.10.2013	(22) 29.07.2011	(11) EP3091735
(22) 27.03.2013	(54) IMAGE DISPLAY DEVICE, AND IMAGE	(21) EP14876452.5
(54) METHOD FOR IMPLEMENTING	DISPLAY METHOD	(47) 01.05.2019
SESSION PROCESSING RULES BASED	(73) Sony Interactive Entertainment Inc.	(87) CN2014084295
ON A PRESENCE MAP OF MOBILE	(72) FURUMURA, Kyoko	09.07.2015
TERMINALS IN SPECIAL AREAS	HIRATA, Shinichi	(22) 13.08.2014
(73) Orange	YAMAGISHI, Takeshi	(54) METHOD AND DEVICE FOR
(72) CHATRAS, Bruno	(31) 2010225367	EXTRACTING SURVEILLANCE
GARCIA, Jean-Luc	(32) 05.10.2010	RECORD VIDEOS
MOUAFIK, Ali Amine	(33) Japan	(73) Hangzhou Hikvision Digital Technology Co.,
(31) 1252918	(51) H04N 5/232	Ltd.
(32) 30.03.2012	(11) EP2160892	(72) HU, Jingxiang
(33) France	(21) EP08754596.8	LIN, Furong
(51) H04N 1/00	(47) 01.05.2019	ZHAO, Junshu
G06K 15/00	(87) US2008006483	(31) 201410005931
G06F 3/12	31.12.2008	(32) 03.01.2014
(11) EP2587781	(22) 21.05.2008	(33) China
(21) EP12183973.2	(54) METHOD AND SYSTEM FOR	(51) H04N 7/14
(47) 01.05.2019	FACILITATING CREATION OF	H04L 29/06
(22) 12.09.2012	CONTENT	(11) EP3103236
(54) Image processing device and image	(73) Disney Enterprises, Inc.	(21) EP14708937.9
processing system	(72) HEATHERLY, Christopher	(47) 01.05.2019
(73) Brother Kogyo Kabushiki Kaisha	HOLMES, Sunny	(87) IB2014000103
(72) Yamada, Akihiro	OUYE, Randal	13.08.2015
(31) 2011238422	(31) 824071	(22) 04.02.2014
(32) 31.10.2011	(32) 28.06.2007	(54) MEDIA STREAM FROM SENDER
(33) Japan	(33) United States of America	SEEN ON RECEIVER SIDE BEFORE
(51) H04N 1/409	(51) H04N 5/232	CONFIRMING RECEIPT OF MEDIA
(11) EP1513337	H04N 5/225	STREAM
(21) EP04020659.1	(11) EP2852150	(73) Sony Corporation
(47) 01.05.2019	(21) EP14185464.6	(72) APELQVIST, Johan
(22) 31.08.2004	(47) 01.05.2019	BENGTSSON, Henrik
(54) Method, apparatus, and program for image	(22) 18.09.2014	MÄRTENSSON, Linus
processing	(54) Using a narrow field-of-view monochrome	OHLSSON, Christopher
(73) FUJIFILM Corporation	camera for enhancing a zoomed colour image	ÖGREN, Per
(72) Kuwabara, Takao c/o Fuji Photo Film Co.	(73) BlackBerry Limited	(51) H04N 7/15
Ltd.	(72) Grandin, Thomas Guillaume	H04N 7/14
(31) 2003315677	Shah, Joey	G06K 9/00
(32) 08.09.2003	Choi, Yun Seok	H04L 29/06
(33) Japan	(31) 201314030353	H04N 5/265

G06F 3/01	(11) EP3111640	(33) United States of America
(11) EP3162052	(21) EP15707734.8	(51) H04N 19/176
(21) EP15811325.8	(47) 01.05.2019	H04N 19/61
(47) 01.05.2019	(87) GB2015050535	H04N 19/82
(87) US2015032567	03.09.2015	H04N 19/11
30.12.2015	(22) 25.02.2015	H04N 19/593
(22) 27.05.2015	(54) IMAGE ENCODING AND DISPLAY	(11) EP3232666
(54) TECHNOLOGIES FOR AUDIOVISUAL	(73) Sony Interactive Entertainment Europe	(21) EP17170595.7
COMMUNICATION USING	Limited	(47) 01.05.2019
INTERESTINGNESS ALGORITHMS	(72) RAGHOEBARDAYAL, Sharwin Winesh	(22) 14.07.2011
(73) Intel Corporation	BICKERSTAFF, Ian Henry	(54) LOW-COMPLEXITY INTRA
(72) LOUCHHEIM, Sigal	(31) 201403379	PREDICTION FOR VIDEO CODING
BEN-SHALOM, Omer	(32) 26.02.2014	(73) NTT DoCoMo, Inc.
(31) 201414317607	(33) United Kingdom	(72) BOSSEN, Frank Jan
(32) 27.06.2014	(51) H04N 13/183	TAN, Thiow Keng
(33) United States of America	H04N 13/161	(31) 364322 P
(51) H04N 7/167	(11) EP2524510	388541 P
G06F 21/00	(21) EP10702936.5	(32) 14.07.2010
H04L 9/32	(47) 01.05.2019	30.09.2010
(11) EP2129115	(87) US2010000077	(33) United States of America
(21) EP08157182.0	21.07.2011	United States of America
(47) 01.05.2019	(22) 13.01.2010	(51) H04N 19/176
(22) 29.05.2008	(54) SYSTEM AND METHOD FOR	H04N 19/70
(54) Method for updating security data in a	COMBINING 3D TEXT WITH 3D	H04N 19/119
security module and security module for	CONTENT	H04N 19/147
implementing this method	(73) InterDigital Madison Patent Holdings	H04N 19/46
(73) Nagravision S.A.	(72) ZHANG, Tao	H04N 19/196
(72) Junod, Pascal	(51) H04N 13/20	H04N 19/134
Brique, Olivier	(11) EP2974302	H04N 19/463
(51) H04N 13/00	(21) EP14768046.6	H04N 19/136
(11) EP3028464	(47) 01.05.2019	H04N 19/192
(21) EP14832467.6	(87) US2014024964	H04N 19/132
(47) 01.05.2019	25.09.2014	(11) EP2876883
(87) US2014049605	(22) 12.03.2014	(21) EP14200316.9
05.02.2015	(54) THREE DIMENSIONAL IMAGING	(47) 01.05.2019
(22) 04.08.2014	UTILIZING STACKED IMAGER	(22) 01.11.2011
(54) SYSTEM AND METHOD FOR	DEVICES AND ASSOCIATED METHODS	(54) Multi-level significance maps for encoding
DETECTING FEATURES IN AERIAL	(73) SiOnyx, LLC	and decoding
IMAGES USING DISPARITY MAPPING	Haddad, Homayoon	(73) Velos Media International Limited
AND SEGMENTATION TECHNIQUES	Feng, Chen	(72) He, Dake
(73) Xactware Solutions Inc.	Forbes, Leonard	Nguyen, Nguyen
(72) TAYLOR, Jeffrey	(72) HADDAD, Homayoon	Ji, Tianying
WEBECKE, Edmund	FENG, Chen	(51) H04N 19/423
(31) 201361861610 P	FORBES, Leonard	H04N 19/70
(32) 02.08.2013	(31) 201361798805 P	H04N 19/46
(33) United States of America	(32) 15.03.2013	H04N 19/196
(51) H04N 13/00	(33) United States of America	(11) EP2898684
H04N 19/00	(51) H04N 19/117	(21) EP13774005.6
(11) EP2683168	H04N 19/124	(47) 01.05.2019
(21) EP13748981.1	H04N 19/136	(87) US2013061220
(47) 01.05.2019	H04N 19/176	27.03.2014
(87) JP2013050723	H04N 19/30	(22) 23.09.2013
22.08.2013	H04N 19/82	(54) CODED PICTURE BUFFER REMOVAL
(22) 17.01.2013	H04N 19/98	TIMES SINGALED IN PICTURE AND
(54) TRANSMISSION DEVICE,	H04N 19/85	SUB-PICTURE TIMING SUPPLEMENTAL
TRANSMISSION METHOD AND	(11) EP3281409	ENHANCEMENT INFORMATION
RECEIVER DEVICE	(21) EP16715434.3	MESSAGES
(73) Sony Corporation	(47) 01.05.2019	(73) Qualcomm Incorporated
(72) TSUKAGOSHI, Ikuo	(87) US2016025082	(72) WANG, Ye-Kui
(31) 2012032215	13.10.2016	(31) 201261705119 P
2012035684	(22) 30.03.2016	201261708475 P
(32) 16.02.2012	(54) IN-LOOP BLOCK-BASED IMAGE	201314033191
21.02.2012	RESHAPING IN HIGH DYNAMIC RANGE	(32) 24.09.2012
(33) Japan	VIDEO CODING	01.10.2012
Japan	(73) Dolby Laboratories Licensing Corporation	20.09.2013
(51) H04N 13/00	(72) SU, Guan-Ming	(33) United States of America
H04N 21/2343	(31) 201562143478 P	United States of America
H04N 19/167	(32) 06.04.2015	United States of America

(51) H04N 19/46	H04N 19/31	16.04.2012
H04N 21/24	H04N 19/36	29.11.2012
H04N 21/442	H04N 21/2365	(33) United States of America
H04N 21/647	H04N 21/2662	United States of America
H04N 21/84	H04N 21/434	United States of America
H04N 17/00	H04N 21/218	United States of America
(11) EP3020188	(11) EP1864498	(51) H04N 19/80
(21) EP14747207.0	(21) EP06732683.5	H04N 19/14
(47) 01.05.2019	(47) 01.05.2019	H04N 19/18
(87) US2014046007	(87) KR2006001080	H04N 19/59
15.01.2015	05.10.2006	H04N 19/122
(22) 09.07.2014	(22) 31.03.2006	H04N 19/176
(54) ENDPOINT INFORMATION FOR	(54) SCALABLE MULTI-VIEW IMAGE	H04N 19/86
NETWORK VQM	ENCODING AND DECODING	H04N 19/147
(73) Cisco Technology, Inc.	APPARATUSES AND METHODS	H04N 19/61
(72) WILDFEUER, Herbert, Michael	(73) Samsung Electronics Co., Ltd.	H04N 19/103
LIN, Da	Industry Academic Cooperation Foundation	H04N 19/182
HU, Jing	Kyunghee University	H04N 19/46
(31) 201313939251	(72) PARK, Gwang-Hoon	(11) EP2522144
(32) 11.07.2013	CHOI, Won-Jun	(21) EP11731721.4
(33) United States of America	(31) 20050027729	(47) 01.05.2019
(51) H04N 19/463	20060025680	(87) IB2011050072
H04N 19/58	(32) 01.04.2005	14.07.2011
H04N 19/46	21.03.2006	(22) 07.01.2011
(11) EP2777276	(33) Korea (Republic)	(54) APPARATUS AND METHOD FOR VIDEO
(21) EP12847061.4	Korea (Republic)	CODING
(47) 01.05.2019	(51) H04N 19/70	(73) Nokia Technologies Oy
(87) FI2012051090	H04N 19/30	(72) LAINEMA, Jani
16.05.2013	(11) EP2137973	UGUR, Kemal
(22) 07.11.2012	(21) EP08727011.2	(31) 293468 P
(54) REFERENCE PICTURE HANDLING	(47) 01.05.2019	(32) 08.01.2010
(73) Nokia Technologies Oy	(87) US2008003655	(33) United States of America
(72) HANNUKSELA, Miska Matias	23.10.2008	(51) H04N 19/89
GOPALAKRISHNA, Srikanth	(22) 20.03.2008	G06F 11/07
Manchenahally	(54) METHODS AND APPARATUS FOR	G06F 13/10
(31) 201161557386 P	VIDEO USABILITY INFORMATION	G08B 13/196
(32) 08.11.2011	(VUI) FOR SCALABLE VIDEO CODING	G09G 5/00
(33) United States of America	(SVC)	H04N 19/42
(51) H04N 19/50	(73) InterDigital VC Holdings, Inc.	(11) EP3210381
H04N 19/46	(72) LUO, Jiancong	(21) EP15852616.0
H04N 19/44	YIN, Peng	(47) 01.05.2019
(11) EP3355584	ZHU, Lihua	(87) CA2015051062
(21) EP18162792.8	(31) 911490 P	28.04.2016
(47) 01.05.2019	(32) 12.04.2007	(22) 21.10.2015
(22) 26.09.2003	(33) United States of America	(54) A SYSTEM TO DISPATCH VIDEO
(54) VIDEO ENCODING METHOD,	(51) H04N 19/70	DECODING TO DEDICATED
VIDEO DECODING METHOD, VIDEO	H04N 19/503	HARDWARE RESOURCES
ENCODING APPARATUS, VIDEO	H04N 19/58	(73) Genetec Inc.
DECODING APPARATUS, VIDEO	(11) EP2786571	(72) SLUPIK, André
ENCODING PROGRAM AND VIDEO	(21) EP12801686.2	BÉRARD, Xavier
DECODING PROGRAM	(47) 01.05.2019	(31) 201414520662
(73) NTT DOCOMO, INC.	(87) US2012067355	201514806025
(72) ADACHI, Satoru	06.06.2013	(32) 22.10.2014
BOON, Choong Seng	(22) 30.11.2012	22.07.2015
KATO, Sadaatsu	(54) CODING LEAST SIGNIFICANT	(33) United States of America
ETOH, Minoru	BITS OF PICTURE ORDER COUNT	United States of America
TAN, Thiow Keng	VALUES IDENTIFYING LONG-TERM	(51) H04N 21/236
(31) 2002291610	REFERENCE PICTURES	H04L 29/06
2003190634	(73) Qualcomm Incorporated	H04N 21/6405
(32) 03.10.2002	(72) WANG, Ye-Kui	H04N 21/643
02.07.2003	RAMASUBRAMONIAN, Adarsh Krishnan	H04N 21/2362
(33) Japan	CHEN, Ying	H04N 21/2381
Japan	(31) 201161566359 P	H04L 12/18
(51) H04N 19/597	201261589295 P	(11) EP2667622
H04N 19/615	201261624933 P	(21) EP12736581.5
H04N 19/635	201213689547	(47) 01.05.2019
H04N 19/61	(32) 02.12.2011	(87) KR2012000505
H04N 21/63	20.01.2012	26.07.2012

(22) 19.01.2012	(51) H04N 21/4405	(32) 27.01.2012
(54) APPARATUS AND METHOD FOR	G09C 5/00	13.02.2012
CONFIGURING A CONTROL MESSAGE	H04L 9/14	29.06.2012
IN A BROADCAST SYSTEM	G06F 21/10	(33) United States of America
(73) Samsung Electronics Co., Ltd	G06F 21/60	United States of America
(72) HWANG, Sung-Oh	H04N 1/10	United States of America
PARK, Kyung-Mo	H04N 1/32	<hr/>
RHYU, Sung-Ryeul	G06F 21/62	(51) H04Q 3/00
SONG, Jae-Yeon	H04L 29/06	(11) EP3108664
(31) 20110005625	(11) EP3160154	(21) EP15700107.4
20110104892	(21) EP15809001.9	(47) 01.05.2019
(32) 19.01.2011	(47) 01.05.2019	(87) EP2015050230
13.10.2011	(87) JP2015066288	27.08.2015
(33) Korea (Republic)	23.12.2015	(22) 08.01.2015
Korea (Republic)	(22) 05.06.2015	(54) ENHANCED TRAFFIC MANAGEMENT
<hr/>	(54) INFORMATION PROCESSING	DURING SIGNALING STORMS
(51) H04N 21/2387	APPARATUS AND INFORMATION	(73) Markport Limited
H04N 21/236	PROCESSING METHOD	(72) PETRILAK, Tomas
H04N 21/845	(73) Sony Corporation	SCRIPCARU, Victor
H04N 21/6587	(72) NAKANO, Takehiko	ABRAMOV, Ilia
H04N 21/4147	(31) 2014127713	(31) 14156046
H04N 21/432	2014194620	(32) 20.02.2014
(11) EP3076676	2014265345	(33) European Patent Office (EPO)
(21) EP14843154.7	(32) 20.06.2014	<hr/>
(47) 01.05.2019	25.09.2014	(51) H04Q 9/00
(87) KR2014011042	26.12.2014	B60R 25/00
04.06.2015	(33) Japan	B62H 5/00
(22) 18.11.2014	Japan	G08C 17/02
(54) METHOD AND DEVICE FOR	Japan	B60R 25/045
TRANSMITTING AND RECEIVING	Japan	G07F 17/00
BROADCAST SIGNAL FOR PROVIDING	(51) H04N 21/81	(11) EP2856768
TRICK PLAY SERVICE	H04N 21/439	(21) EP13737397.3
(73) LG ELECTRONICS INC.	H04N 21/442	(47) 01.05.2019
(72) HWANG, Soojin	H04N 21/4363	(87) IB2013054371
OH, Hyunmook	H04N 21/435	05.12.2013
SUH, Jongyeul	H04N 21/485	(22) 27.05.2013
YOON, Joonhee	G10L 19/16	(54) PEDAL-ASSISTED ELECTRIC BIKE
(31) 201361910416 P	(11) EP3149955	(73) Meta System S.p.A.
201461952140 P	(21) EP15713461.0	(72) SIMONAZZI, Giuseppe
201461954615 P	(47) 01.05.2019	(31) MO20120147
201461970910 P	(87) EP2015056768	(32) 01.06.2012
(32) 01.12.2013	03.12.2015	(33) Italy
13.03.2014	(22) 27.03.2015	<hr/>
18.03.2014	(54) DATA PROCESSOR AND TRANSPORT	(51) H04Q 9/00
27.03.2014	OF USER CONTROL DATA TO AUDIO	G08C 17/02
(33) United States of America	DECODERS AND RENDERERS	G08C 19/00
United States of America	(73) Fraunhofer-Gesellschaft zur Förderung der	H02J 7/00
United States of America	angewandten Forschung e.V.	(11) EP3264785
United States of America	(72) SCHREINER, Stephan	(21) EP16755733.9
<hr/>	FÜG, Simone	(47) 01.05.2019
(51) H04N 21/422	FUCHS, Harald	(87) JP2016055934
G06F 3/048	PLOGSTIES, Jan	01.09.2016
G06F 3/033	DÖHLA, Stefan	(22) 26.02.2016
G06F 3/0354	(31) 14170416	(54) SENSOR NODE AND METHOD OF
G06F 3/0338	(32) 28.05.2014	CONTROLLING THE SAME
H04N 21/443	(33) European Patent Office (EPO)	(73) Fujikura Ltd.
H04N 21/41	<hr/>	(72) KANEEDA, Kenta
H04N 5/44	(51) H04Q 1/02	ASAKURA, Toshimitsu
(11) EP2672723	H04Q 1/06	TAGUCHI, Taku
(21) EP13150177.7	(11) EP3322197	HAYASHI, Hiroyuki
(47) 01.05.2019	(21) EP17206046.9	(31) 2015038358
(22) 03.01.2013	(47) 01.05.2019	(32) 27.02.2015
(54) Remote control apparatus and method for	(22) 25.01.2013	(33) Japan
controlling functions of display apparatuses	(54) PATCH PANEL ASSEMBLY	<hr/>
(73) Samsung Electronics Co., Ltd	(73) Go!Foton Holdings, Inc.	(51) H04Q 9/00
(72) Jung, Chang-joo	(72) TAKEUCHI, Kenichiro	G08C 23/04
Kang, Seok-hun	LU, Haiguang	G01R 11/04
(31) 20120054281	(31) 201261591714 P	G01R 11/24
(32) 22.05.2012	201261598041 P	G01R 22/06
(33) Korea (Republic)	201261666346 P	(11) EP2955528
<hr/>		(21) EP13866598.9
		(47) 01.05.2019

- (87) CN2013088291
03.07.2014
(22) 02.12.2013
(54) NEAR-INFRARED READING DEVICE
AND AMMETER
(73) Holley Technology Ltd.
(72) SONG, Xiqiang
SHEN, Wei
GUO, Junfeng
JIANG, Dachuan
CHEN, Kai
(31) 201210590532
201320624204 U
201320623309 U
201320623324 U
(32) 28.12.2012
10.10.2013
10.10.2013
10.10.2013
(33) China
China
China
China
-
- (51) H04Q 9/00
H04M 7/00
H04W 76/50
H04M 3/51
H04W 4/90
H04L 29/06
(11) EP3172904
(21) EP15748121.9
(47) 01.05.2019
(87) US2015041817
28.01.2016
(22) 23.07.2015
(54) VEHICLE-INITIATED EMERGENCY
CALLS
(73) Qualcomm Incorporated
(72) GELLENS, Randall Coleman
(31) 201462028234 P
201462068590 P
(32) 23.07.2014
24.10.2014
(33) United States of America
United States of America
-
- (51) H04Q 11/00
H04L 29/06
H04Q 3/00
(11) EP2395773
(21) EP09848191.4
(47) 01.05.2019
(87) CN2009075010
17.02.2011
(22) 18.11.2009
(54) METHOD AND APPARATUS OF SUB-
NETWORK CONNECTION PROTECTION
(SNCP) SERVICE MIGRATION
(73) ZTE Corporation
(72) LI, Bin
(31) 200910161358
(32) 10.08.2009
(33) China
-
- (51) H04R 1/06
H04R 9/06
H04R 1/34
H04R 9/02
H04R 1/28
(11) EP2779695
(21) EP14156794.1
(47) 01.05.2019
(22) 26.02.2014
(54) Loudspeaker unit
(73) Alpine Electronics, Inc.
(72) Ito, Ryo
(31) 2013053771
(32) 15.03.2013
(33) Japan
-
- (51) H04R 1/10
A61F 11/08
(11) EP3061263
(21) EP14790271.2
(47) 01.05.2019
(87) GB2014053156
30.04.2015
(22) 23.10.2014
(54) EARPIECE
(73) Racial Acoustics Limited
(72) HUSSEIN, Habib
DAVIDSON, Norman
(31) 201318717
(32) 23.10.2013
(33) United Kingdom
-
- (51) H04R 1/10
H04R 1/26
H04R 1/24
H04R 1/28
H04R 5/033
(11) EP3200477
(21) EP16194803.9
(47) 01.05.2019
(22) 20.10.2016
(54) HEADPHONE
(73) Sintai Optical (Shenzhen) Co., Ltd.
Asia Optical Co., Inc.
(72) Imai, Naofumi
Karasawa, Takayuki
Takahashi, Tomoya
(31) 201610055454
(32) 27.01.2016
(33) China
-
- (51) H04R 1/24
H04R 7/08
H04R 17/02
(11) EP2986024
(21) EP15155077.9
(47) 01.05.2019
(22) 13.02.2015
(54) Audio sensing device and method of
acquiring frequency information
(73) Samsung Electronics Co., Ltd
(72) Kim, Cheheung
(31) 20140105431
(32) 13.08.2014
(33) Korea (Republic)
-
- (51) H04R 3/00
H04M 3/56
(11) EP3122066
(21) EP16178303.0
(47) 01.05.2019
(22) 07.07.2016
(54) AUDIO ENHANCEMENT VIA
OPPORTUNISTIC USE OF
MICROPHONES
(73) Harman International Industries, Incorporated
(72) KIRSCH, James M.
THOMSEN, Brant D.
-
- (31) 201514806625
(32) 22.07.2015
(33) United States of America
-
- (51) H04R 17/00
(11) EP3058759
(21) EP14796607.1
(47) 01.05.2019
(87) US2014061100
23.04.2015
(22) 17.10.2014
(54) FLEXIBLE TRANSDUCER FOR SOFT-
TISSUE AND ACOUSTIC AUDIO
PRODUCTION
(73) Google LLC
(72) DALEY, Michael
(31) 201361892123 P
(32) 17.10.2013
(33) United States of America
-
- (51) H04R 17/00
H01L 41/083
H01L 41/09
H04M 1/03
H04R 1/02
H04R 1/06
H04R 1/28
H04R 7/04
(11) EP2947897
(21) EP13864576.7
(47) 01.05.2019
(87) JP2013067921
26.06.2014
(22) 28.06.2013
(54) ACOUSTIC GENERATOR, ACOUSTIC
GENERATION DEVICE, AND
ELECTRONIC DEVICE
(73) KYOCERA Corporation
(72) OKAMURA, Takeshi
TERAZONO, Masaki
KAMITANI, Satoru
(31) 2012275132
2012280204
(32) 17.12.2012
21.12.2012
(33) Japan
Japan
-
- (51) H04R 19/00
H04R 31/00
B81B 7/00
(11) EP3158776
(21) EP14731671.5
(47) 01.05.2019
(87) EP2014063148
30.12.2015
(22) 23.06.2014
(54) MICROPHONE AND METHOD OF
MANUFACTURING A MICROPHONE
(73) TDK Corporation
(72) RASMUSSEN, Kurt
-
- (51) H04R 25/00
(11) EP2495996
(21) EP11192966.7
(47) 01.05.2019
(22) 11.12.2007
(54) Method for measuring critical gain on a
hearing aid
(73) Bernafon AG
(72) Lamm, Jesko
Maurer, Lukas

Ernst, Michael	(22) 28.12.2012	18.10.2013
Bostock, Sarah	(54) A hearing aid having an adaptive antenna matching mechanism and a method for adaptively matching a hearing aid antenna	(33) European Patent Office (EPO) European Patent Office (EPO)
(51) H04R 25/00		(51) H04W 4/00
(11) EP2550811	(73) GN Hearing A/S	H04W 8/18
(21) EP11741415.1	(72) Akdeniz, Birol	H04L 29/08
(47) 01.05.2019	Özden, Sinasi	H04W 4/18
(87) EP2011060849	(51) H04R 29/00	H04W 4/70
05.01.2012	H04S 7/00	H04W 12/06
(22) 28.06.2011	(11) EP2835989	(11) EP3062537
(54) METHOD FOR THE OPERATION OF A HEARING DEVICE AND HEARING DEVICE WITH VARIABLE FREQUENCY SHIFT	(21) EP13188744.0	(21) EP14794395.5
(73) Sivantos Pte. Ltd.	(47) 01.05.2019	(47) 01.05.2019
(72) BEST, Sebastian	(22) 15.10.2013	(87) CN2014078288
KORNAGEL, Ulrich	(54) System for tuning audio processing features and method thereof	13.11.2014
WURZBACHER, Tobias	(73) Samsung Electronics Co., Ltd	(22) 23.05.2014
PETRAUSCH, Stefan	(72) Choi, Jung-min	(54) M2M-BASED INFORMATION PROCESSING METHOD AND M2M SERVICE PLATFORM
(31) 361017 P	Song, Young-suk	(73) ZTE Corporation
102010025918	Choi, Nak-jin	(72) YANG, Kun
(32) 02.07.2010	Park, Hae-kwang	WU, Chuanxi
02.07.2010	Son, Joon-ho	(31) 201310513914
(33) United States of America	(31) 201361864175 P	(32) 25.10.2013
Germany	20130115446	(33) China
(51) H04R 25/00	(32) 09.08.2013	(51) H04W 4/02
(11) EP2870781	27.09.2013	(11) EP3005747
(21) EP13816800.0	(33) United States of America	(21) EP14733035.1
(47) 01.05.2019	Korea (Republic)	(47) 01.05.2019
(87) US2013028183	(51) H04S 7/00	(87) US2014040419
16.01.2014	H04M 1/03	04.12.2014
(22) 28.02.2013	G10K 11/08	(22) 31.05.2014
(54) ELECTROMAGNETIC BONE CONDUCTION HEARING DEVICE	H04M 1/04	(54) CLIENT ACCESS TO MOBILE LOCATION SERVICES
(73) Med-El Elektromedizinische Geräte GmbH	H04M 1/60	(73) Qualcomm Incorporated
(72) BALL, Geoffrey	(11) EP3085114	(72) EDGE, Stephen William
(31) 201261669161 P	(21) EP14805635.1	WACHTER, Andreas Klaus
(32) 09.07.2012	(47) 01.05.2019	(31) 201361829464 P
(33) United States of America	(87) EP2014076321	201313917616
(51) H04R 25/00	25.06.2015	201361905709 P
(11) EP3101916	(22) 02.12.2014	201461940229 P
(21) EP15170402.0	(54) SYSTEM COMPRISING AN ELECTRONIC DEVICE AND A SUPPORT STAND	201414292041
(47) 01.05.2019	(73) SAGEMCOM BROADBAND SAS	201414292100
(22) 03.06.2015	(72) BOURGOIN, Gilles	(32) 31.05.2013
(54) HEARING DEVICE SHELL WITH GUIDE STRUCTURE	(31) 1363121	13.06.2013
(73) GN Hearing A/S	(32) 19.12.2013	18.11.2013
(72) Thaysen, Jesper	(33) France	14.02.2014
(51) H04R 25/00	(51) H04S 7/00	30.05.2014
G10L 21/0364	H04S 5/00	30.05.2014
G10L 21/0332	G10L 19/008	(33) United States of America
(11) EP3264799	(11) EP3025521	United States of America
(21) EP17178001.8	(21) EP14753020.8	United States of America
(47) 01.05.2019	(47) 01.05.2019	United States of America
(22) 27.06.2017	(87) EP2014065037	United States of America
(54) A METHOD AND A HEARING DEVICE FOR IMPROVED SEPARABILITY OF TARGET SOUNDS	29.01.2015	United States of America
(73) Oticon A/S	(22) 14.07.2014	(51) H04W 4/02
(72) JONES, Gary	(54) RENDERER CONTROLLED SPATIAL UPMIX	H04W 4/21
(31) 16176513	(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	H04L 29/08
(32) 27.06.2016	(72) ERTEL, Christian	(11) EP3035719
(33) European Patent Office (EPO)	HILPERT, Johannes	(21) EP15172338.4
(51) H04R 25/00	HÖLZER, Andreas	(47) 01.05.2019
H01Q 1/27	KUNTZ, Achim	(22) 16.06.2015
(11) EP2750408	PLOGSTIES, Jan	(54) LOCATION DATA FOR DEFINING PLACES AND TRAFFIC
(21) EP12199666.4	KRATSCHMER, Michael	(73) Facebook, Inc.
(47) 01.05.2019	(31) 13177368	(72) Maginnis, Patrick Brendan
	13189285	Toksvig, Michael John McKenzie
	(32) 22.07.2013	Tseng, Erick
		(31) 201414575903

PCT/US2014/071479	(11) EP2903308	(22) 12.11.2013
(32) 18.12.2014	(21) EP13851032.6	(54) SCHEDULING DOWNLOAD OF DATA OF AN ON-LINE SERVICE
19.12.2014	(47) 01.05.2019	(73) Harman International Industries, Incorporated
(33) United States of America	(87) CN2013083679	(72) MA, Jianjun
World Intellectual Property Office (WIPO)	08.05.2014	
(51) H04W 4/021	(22) 17.09.2013	(51) H04W 4/80
H04W 4/20	(54) IMPLEMENTATION METHOD FOR TRANSMISSION-PRIORITY SEIZING OF LTE-BASED BROADBAND CLUSTER SYSTEM	H04M 3/54
H04W 4/02	(73) ZTE Corporation	H04W 4/16
H04W 64/00	(72) DU, Gaopeng	H04M 1/725
G01S 19/48	LI, Qun	(11) EP3120583
G01S 5/02	MA, Zijiang	(21) EP15764685.2
(11) EP2595418	ZHANG, Shouyong	(47) 01.05.2019
(21) EP12193088.7	DING, Ding	(87) KR2015002749
(47) 01.05.2019	(31) 201210433241	24.09.2015
(22) 16.11.2012	(32) 02.11.2012	(22) 20.03.2015
(54) Method and apparatus for providing an alert on a user equipment entering an alerting area	(33) China	(54) METHOD OF CALL FORWARDING BETWEEN DEVICES
(73) Samsung Electronics Co., Ltd	(51) H04W 4/24	(73) Samsung Electronics Co., Ltd.
(72) Sharma, Kartika	H04L 12/14	(72) YU, Yong Ju
Dhiman, Ashish	H04M 15/00	YOO, Sung Sik
Keshav, Kirti	(11) EP2536179	KOH, Yoo Kyung
Banerjee, Prattyush	(21) EP10845581.7	KO, Yun Jeong
(31) CH39682011	(47) 01.05.2019	KIM, Seul A
20120093236	(87) CN2010079112	LEE, Myung Hwan
(32) 18.11.2011	18.08.2011	LEE, Ji Ho
24.08.2012	(22) 25.11.2010	(31) 20140033052
(33) India	(54) METHOD, DEVICE AND SYSTEM FOR SELECTING POLICY AND CHARGING RULES FUNCTION ENTITY	20140111107
Korea (Republic)	(73) ZTE Corporation	(32) 20.03.2014
(51) H04W 4/06	(72) WU, Jinhua	25.08.2014
H04W 4/08	ZHOU, Xiaoyun	(33) Korea (Republic)
H04W 4/10	RUI, Tong	Korea (Republic)
H04W 76/00	SUN, Mo	(51) H04W 4/90
H04W 76/40	(31) 201010110457	(11) EP3169091
H04W 36/00	(32) 09.02.2010	(21) EP16178715.5
H04W 74/00	(33) China	(47) 01.05.2019
H04W 72/00	(51) H04W 4/40	(22) 08.07.2016
(11) EP2829088	B60R 25/24	(54) CONTROL METHOD OF EMERGENCY CALL AND USER EQUIPMENT USING THE SAME
(21) EP14767755.3	G07C 9/00	(73) Acer Incorporated
(47) 01.05.2019	H04L 29/06	(72) LIN, Mei-Yi
(87) CN2014073968	H04W 12/06	(31) 104137320
25.09.2014	H04W 12/08	(32) 12.11.2015
(22) 24.03.2014	H04W 52/02	(33) Taiwan, Province of China
(54) SERVICE CONTINUITY FOR GROUP COMMUNICATION OVER LTE EMBMS	(11) EP3314584	(51) H04W 4/90
(73) HFI Innovation Inc.	(21) EP16733428.3	H04W 76/50
(72) YU, Chia-Hao	(47) 01.05.2019	H04W 76/20
HSU, Chia-Chun	(87) EP2016064732	H04W 84/10
CHEN, Yih-Shen	29.12.2016	H04W 92/12
HUANG-FU, Chien-Chun	(22) 24.06.2016	(11) EP1997283
JHENG, Yu-Syuan	(54) METHOD CARRIED OUT BY AN ELECTRONIC UNIT OF A VEHICLE	(21) EP07752741.4
(31) 201361804392 P	(73) Valeo Comfort and Driving Assistance	(47) 01.05.2019
201361804398 P	(72) LECONTE, Eric	(87) US2007006061
201361804402 P	LAIGNEL, Pascal	27.09.2007
201361804405 P	(31) 1555836	(22) 09.03.2007
201414221689	(32) 24.06.2015	(54) COMPLETING CALLS OVER A NETWORK WITH A MALFUNCTIONING BACKHAUL COMMUNICATIONS LINK
(32) 22.03.2013	(33) France	(73) Alcatel-Lucent USA Inc.
22.03.2013	(51) H04W 4/44	(72) FISCHER, Georg
22.03.2013	H04L 29/08	SCHEFCZIK, Hans, Peter
21.03.2014	H04W 4/02	(31) 385034
(33) United States of America	(11) EP3069532	(32) 20.03.2006
United States of America	(21) EP13897430.8	(33) United States of America
United States of America	(47) 01.05.2019	(51) H04W 8/00
United States of America	(87) CN2013086935	(11) EP3198901
United States of America	21.05.2015	(21) EP14776623.2
(51) H04W 4/08		(47) 01.05.2019
H04W 4/06		
H04W 4/10		

- (87) EP2014070297
31.03.2016
- (22) 24.09.2014
- (54) DEVICE DISCOVERY IN A DEVICE TO
DEVICE COMMUNICATION USING
TWO TYPES OF DISCOVERY
- (73) Nokia Solutions and Networks Oy
- (72) YU, Ling
VAN PHAN, Vinh
KORHONEN, Juha
-
- (51) H04W 8/06
H04M 15/00
H04L 29/06
- (11) EP3165014
- (21) EP14735582.0
- (47) 01.05.2019
- (87) EP2014064344
07.01.2016
- (22) 04.07.2014
- (54) POLICY AND CHARGING RULES
FUNCTION (PCRF) SELECTION
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) CASTRO CASTRO, Fabian
FERNANDEZ ALONSO, Susana
-
- (51) H04W 8/08
H04L 12/715
H04L 29/12
H04W 80/04
- (11) EP2779716
- (21) EP14159647.8
- (47) 01.05.2019
- (22) 13.03.2014
- (54) Direct routing of communication sessions for
mobile IP communication end points
- (73) Genband US LLC
- (72) Gray-Preston, Carroll L.
Kemmerer, Frederick C.
Fuller, Jeremy
- (31) 201313840072
- (32) 15.03.2013
- (33) United States of America
-
- (51) H04W 8/08
H04W 76/10
H04W 84/04
- (11) EP3031228
- (21) EP14834491.4
- (47) 01.05.2019
- (87) KR2014007131
12.02.2015
- (22) 01.08.2014
- (54) METHODS, SYSTEMS AND DEVICES
FOR SUPPORTING LOCAL BREAKOUT
IN SMALL CELL ARCHITECTURE
- (73) Samsung Electronics Co., Ltd.
- (72) XU, Lixiang
KE, Xiaowan
WANG, Hong
- (31) 201310337253
- (32) 05.08.2013
- (33) China
-
- (51) H04W 8/18
- (11) EP3035723
- (21) EP15200905.6
- (47) 01.05.2019
- (22) 17.12.2015
- (54) METHOD FOR TRANSMITTING DATA
RELATING TO A COMMUNICATION
- (73) Orange
- (72) ZANOLIN, Gilles
TOURNOUD, Sylvie
- (31) 1463014
- (32) 19.12.2014
- (33) France
-
- (51) H04W 8/20
H04W 12/02
H04W 84/18
H04L 12/24
H04L 29/06
- (11) EP1555789
- (21) EP05000081.9
- (47) 01.05.2019
- (22) 04.01.2005
- (54) XML SCHEMA FOR NETWORK DEVICE
CONFIGURATION
- (73) Rovi Technologies Corporation
- (72) Krantz, Anton W.
Nick, Benjamin
Abraham, Dalen
Duplessis, Jean-Pierre
Alam, Mohammad Shabbir
Manchester, Scott A.
Freeman, Trevor W.
Hanlon, Bill
- (31) 534795 P
806331
- (32) 07.01.2004
23.03.2004
- (33) United States of America
United States of America
-
- (51) H04W 8/22
- (11) EP3146688
- (21) EP15795765.5
- (47) 01.05.2019
- (87) KR2015005023
26.11.2015
- (22) 19.05.2015
- (54) METHOD AND APPARATUS FOR
INDICATING USER EQUIPMENT
CAPABILITY IN WIRELESS
COMMUNICATION SYSTEM
- (73) LG Electronics Inc.
- (72) YI, Yunjung
AHN, Joonkui
KIM, Byounghoon
- (31) 201462000488 P
201462053211 P
201462058675 P
- (32) 19.05.2014
21.09.2014
02.10.2014
- (33) United States of America
United States of America
United States of America
-
- (51) H04W 8/26
H04M 3/00
H04M 3/42
H04M 3/54
H04W 68/00
- (11) EP2323432
- (21) EP09811278.2
- (47) 01.05.2019
- (87) JP2009004324
11.03.2010
- (22) 02.09.2009
- (54) COMMUNICATION SYSTEM AND
COMMUNICATION METHOD
- (73) NTT DOCOMO, INC.
- (72) KOJO, Yu
HONDA, Yasuyuki
WAKUI, Michiko
YABUSAKI, Masami
- (31) 2008226859
- (32) 04.09.2008
- (33) Japan
-
- (51) H04W 8/26
H04W 48/20
- (11) EP2936853
- (21) EP13865158.3
- (47) 01.05.2019
- (87) KR2013011786
26.06.2014
- (22) 18.12.2013
- (54) TRANSMISSION OF BINDING UPDATE
BASED ON A TIMER SET ACCORDING
TO THE DELAY OF A SESSION
- (73) Samsung Electronics Co., Ltd.
- (72) KWEON, Ki-Suk
PARK, Jung-Shin
SON, Yeong-Moon
FRANKLIN, Antony
- (31) 20120150900
- (32) 21.12.2012
- (33) Korea (Republic)
-
- (51) H04W 12/00
H04W 84/12
H04L 29/06
H04W 76/10
H04W 12/06
H04W 12/08
H04W 92/12
H04L 29/08
- (11) EP3310081
- (21) EP16193655.4
- (47) 01.05.2019
- (22) 13.10.2016
- (54) DEVICE AUTHENTICATION OF AIR
PERSONNEL MOBILE DEVICES ON
BOARD AIRCRAFT
- (73) Airbus Operations GmbH
Airbus Defence and Space GmbH
- (72) Kubisch, Dr. Martin
Warns, Dr. Timo
Netzler, Michael
-
- (51) H04W 12/06
H04L 29/06
H04W 8/22
- (11) EP1971161
- (21) EP08101178.5
- (47) 01.05.2019
- (22) 31.01.2008
- (54) Secure data exchange method
- (73) Vodafone Holding GmbH
- (72) Jungblut, Stephan
- (31) 102007006116
- (32) 02.02.2007
- (33) Germany
-
- (51) H04W 12/06
H04W 36/00
H04L 29/06
H04W 80/04
H04W 88/18
H04W 76/10
- (11) EP2077023
- (21) EP07839392.3

- (47) 01.05.2019
(87) US2007021576
17.04.2008
(22) 09.10.2007
(54) PACKET-FORWARDING METHOD FOR PROXY MOBILE IP
(73) Alcatel-Lucent USA Inc.
(72) CAKULEV, Violeta
RAJKUMAR, Ajay
SUNDARAM, Ganapathy Subramanian
(31) 850709 P
905888
(32) 10.10.2006
05.10.2007
(33) United States of America
United States of America
(51) H04W 12/10
H04L 29/06
B61L 27/00
(11) EP3167641
(21) EP15756881.7
(47) 01.05.2019
(87) EP2015069208
17.03.2016
(22) 21.08.2015
(54) METHOD AND DEVICE FOR THE SECURE COMMUNICATION BETWEEN A FIRST AND A SECOND PARTICIPANT
(73) Siemens Mobility GmbH
(72) KOHLRUSS, Jacob Johannes
(31) 102014217973
(32) 09.09.2014
(33) Germany
(51) H04W 12/12
H04L 29/06
H04W 88/08
(11) EP2688329
(21) EP11861002.1
(47) 01.05.2019
(87) JP2011075176
20.09.2012
(22) 01.11.2011
(54) COMMUNICATION SYSTEM, BASE STATION, AND METHOD FOR COPING WITH CYBER ATTACKS
(73) NEC Corporation
(72) KUSUMOTO, Yuichi
(31) 2011059234
(32) 17.03.2011
(33) Japan
(51) H04W 16/00
H04W 52/14
(11) EP3169098
(21) EP15306805.1
(47) 01.05.2019
(22) 13.11.2015
(54) METHOD, CONFIGURATION APPARATUS AND COMPUTER READABLE MEDIUM TO CONFIGURE A PLURALITY OF CELLS
(73) Alcatel Lucent
(72) HO, Lester Tse Wee
WIELGOSZEWSKA, Anna
GACANIN, Haris
(51) H04W 16/02
(11) EP3142401
(21) EP14892760.1
(47) 01.05.2019
(87) CN2014078246
26.11.2015
(22) 23.05.2014
(54) SEQUENCE GENERATING METHOD AND TERMINAL AND BASE STATION FOR SEQUENCE GENERATION
(73) Huawei Technologies Co. Ltd.
(72) SUN, Jingyuan
XUE, Lixia
WANG, Jian
(51) H04W 16/14
H04W 52/24
H04B 17/354
H04B 17/345
(11) EP2961214
(21) EP13875913.9
(47) 01.05.2019
(87) JP2013081410
28.08.2014
(22) 21.11.2013
(54) COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD, AND RADIO COMMUNICATION DEVICE
(73) Sony Corporation
(72) SAWAI, Ryo
KIMURA, Ryota
(31) 2013033452
(32) 22.02.2013
(33) Japan
(51) H04W 16/14
H04W 74/00
H04W 56/00
H04W 16/28
(11) EP3217732
(21) EP14905564.2
(47) 01.05.2019
(87) JP2014079511
12.05.2016
(22) 06.11.2014
(54) WIRELESS COMMUNICATION SYSTEM, BASE STATION, TERMINAL DEVICE, AND PROCESSING METHOD
(73) Fujitsu Limited
(72) SHIMOMURA, Tsuyoshi
TANAKA, Yoshinori
(51) H04W 16/14
H04W 74/08
H04W 84/10
H04L 1/00
H04W 72/04
H04L 5/14
(11) EP2519044
(21) EP10838912.3
(47) 01.05.2019
(87) JP2010007293
30.06.2011
(22) 15.12.2010
(54) WIRELESS COMMUNICATION SYSTEM, AND INTERFERENCE PREVENTING METHOD
(73) National Institute of Information and Communications Technology
(72) SUM, Chin-Sean
HARADA, Hiroshi
KOJIMA, Fumihide
FUNADA, Ryuhei
(31) 2009293758
(32) 25.12.2009
(33) Japan
(51) H04W 24/02
H04L 12/66
H04W 16/00
H04W 84/04
H04W 88/08
(11) EP2022283
(21) EP06748009.5
(47) 01.05.2019
(87) SE2006050169
06.12.2007
(22) 30.05.2006
(54) METHOD AND APPARATUS FOR REMOTE MONITORING OF FEMTO RADIO BASE STATIONS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) VIKBERG, Jari
NYLANDER, Tomas
(51) H04W 24/02
H04W 24/08
(11) EP2793501
(21) EP12857690.7
(47) 01.05.2019
(87) JP2012081922
20.06.2013
(22) 10.12.2012
(54) RADIO PARAMETER CONTROL BASED ON MEASUREMENT INFORMATION REPORTED FROM RADIO TERMINAL WITH A MOVEMENT RANGE WITHIN A PREDETERMINED RANGE
(73) NEC Corporation
(72) KOBAYASHI, Kosei
SUGAHARA, Hiroto
(31) 2011271827
(32) 13.12.2011
(33) Japan
(51) H04W 24/02
H04W 36/30
H04W 48/00
(11) EP3076699
(21) EP13899821.6
(47) 01.05.2019
(87) CN2013090003
25.06.2015
(22) 19.12.2013
(54) HANDOVER PARAMETER OPTIMIZATION METHOD AND DEVICE
(73) Huawei Technologies Co., Ltd.
(72) ZHANG, Jietao
ZHUANG, Hongcheng
(51) H04W 24/02
H04W 84/04
(11) EP2820879
(21) EP13707614.7
(47) 01.05.2019
(87) EP2013054206
06.09.2013
(22) 01.03.2013
(54) ADAPTATION OF A TELECOMMUNICATIONS NETWORK TO CHANGES IN CONFIGURATION
(73) Airbus DS SAS
(72) GRUET, Christophe
GEORGEAUX, Eric
MARQUE-PUCHEU, Gérard
(31) 1251896

(32) 01.03.2012	COMMUNICATION BASE DEVICE, AND	(54) DEVICES AND METHOD FOR LOAD
(33) France	METHOD FOR GENERATING CSI	BALANCING OPERATION OF A
(51) H04W 24/04	(73) Sun Patent Trust	BASE STATION OF A CELLULAR
H04W 28/02	(72) HOSHINO, Masayuki	COMMUNICATION NETWORK
H04W 76/10	NISHIO, Akihiko	(73) Deutsche Telekom AG
H04W 76/18	(31) 2012173036	(72) LOSSOW, Moritz
H04W 88/02	(32) 03.08.2012	KADEL, Gerhard
(11) EP2936916	(33) Japan	DROSTE, Heinrich
(21) EP13812368.2	(51) H04W 24/10	(51) H04W 28/02
(47) 01.05.2019	H04W 72/04	H04W 52/02
(87) US2013073791	H04B 7/06	H04L 5/00
26.06.2014	(11) EP3253113	(11) EP2952036
(22) 09.12.2013	(21) EP17182337.0	(21) EP13705274.2
(54) METHOD AND APPARATUS FOR	(47) 01.05.2019	(47) 01.05.2019
HANDLING CONNECTION FAILURES	(22) 06.05.2011	(87) SE2013050065
IN A WIRELESS COMMUNICATIONS	(54) APERIODIC FEEDBACK IN A WIRELESS	07.08.2014
SYSTEM	ACCESS SYSTEM SUPPORTING MULTI-	(22) 29.01.2013
(73) Qualcomm Incorporated	CARRIER AGGREGATION	(54) DELIVERING A PLURALITY OF
(72) PATIL, Kiran	(73) LG Electronics Inc.	SIMULTANEOUS SESSIONS TO
RAMACHANDRAN, Shyamal	(72) KIM, Soyeon	A CLIENT VIA A RADIO ACCESS
PANT, Nitin	CHUNG, Jaehoon	NETWORK
BALASUBRAMANIAN, Arun, Prasanth	HAN, Seunghee	(73) Telefonaktiebolaget LM Ericsson (publ)
MUMMADI, Venkata, Sampath, Kumar	NOH, Minseok	(72) SKOG, Robert
AMERGA, Daniel	(31) 367863 P	AXELSSON, Anders
CHIVUKULA, Srivatsa, V.	368640 P	ERIKSSON, Ann-Christine
(31) 201261745176 P	407433 P	MATHIASSEN, Dan
201314093747	410363 P	KÖLHI, Johan
(32) 21.12.2012	416740 P	SINTORN, Mathias
02.12.2013	(32) 26.07.2010	LOHMAR, Thorsten
(33) United States of America	28.07.2010	(51) H04W 28/02
United States of America	27.10.2010	H04W 72/12
(51) H04W 24/10	05.11.2010	H04L 5/00
G01D 21/00	24.11.2010	(11) EP2584714
G01S 5/00	(33) United States of America	(21) EP11795968.4
H04W 16/14	United States of America	(47) 01.05.2019
(11) EP2074849	United States of America	(87) KR2011004394
(21) EP07843266.3	United States of America	22.12.2011
(47) 01.05.2019	United States of America	(22) 16.06.2011
(87) US2007079597	(51) H04W 28/02	(54) METHOD FOR TRANSMITTING BUFFER
03.04.2008	H04B 7/26	STATE REPORT FROM TERMINAL IN
(22) 26.09.2007	H04L 12/801	WIRELESS COMMUNICATION SYSTEM
(54) SENSOR NETWORKS BASED ON	H04L 1/00	(73) LG Electronics Inc.
WIRELESS DEVICES	H04L 1/20	(72) YI, Seungjune
(73) QUALCOMM Incorporated	H04L 5/00	CHUN, Sungduck
(72) NANDA, Sanjiv	(11) EP2636246	JUNG, Sunghoon
AGRAWAL, Avneesh	(21) EP11838759.6	LEE, Youngdae
(31) 847433 P	(47) 01.05.2019	PARK, Sungjun
(32) 26.09.2006	(87) US2011059002	(31) 356552 P
(33) United States of America	10.05.2012	(32) 18.06.2010
(51) H04W 24/10	(22) 02.11.2011	(33) United States of America
H04W 28/16	(54) SYSTEM AND METHOD FOR	(51) H04W 28/08
H04W 72/08	AUTONOMOUS DISCOVERY OF PEAK	H04L 5/00
H04B 7/02	CHANNEL CAPACITY IN A WIRELESS	(11) EP3188538
H04L 5/00	COMMUNICATION NETWORK	(21) EP15759305.4
H04B 17/24	(73) Opanga Networks, Inc.	(47) 01.05.2019
H04B 17/309	(72) GORMLEY, Eamonn	(87) CN2015071146
H04B 7/06	HARRANG, Jeffrey, Paul	11.09.2015
H04B 17/318	GIBBONS, David, B.	(22) 20.01.2015
H04B 17/345	(31) 409523 P	(54) METHOD AND DEVICE FOR
(11) EP2882217	(32) 02.11.2010	ADJUSTING INTER-CARRIER LOAD
(21) EP13824923.0	(33) United States of America	(73) ZTE Corporation
(47) 01.05.2019	(51) H04W 28/02	(72) NIU, Kang
(87) JP2013004198	H04W 24/02	(31) 201410421109
06.02.2014	H04W 36/22	(32) 25.08.2014
(22) 05.07.2013	(11) EP3280171	(33) China
(54) WIRELESS COMMUNICATION	(21) EP16182549.2	(51) H04W 28/14
TERMINAL DEVICE, WIRELESS	(47) 01.05.2019	H04L 12/70
	(22) 03.08.2016	H04L 12/26

- H04L 12/835
H04L 12/801
(11) EP2749069
(21) EP11873600.8
(47) 01.05.2019
(87) SE2011051204
11.04.2013
(22) 07.10.2011
(54) METHODS PROVIDING PACKET COMMUNICATIONS INCLUDING JITTER BUFFER EMULATION AND RELATED NETWORK NODES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) BERTZE, Åsa
KUIVINEN, Fredrik
DA SILVA, Icaro L. J.
FU, Jing
-
- (51) H04W 28/18
H04W 76/15
H04W 8/18
H04W 48/20
H04W 88/06
(11) EP3149988
(21) EP14728897.1
(47) 01.05.2019
(87) EP2014061173
03.12.2015
(22) 28.05.2014
(54) TERMINAL DUAL SIM - DUAL ACCESS HANDLING
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) TILLMAN, Fredrik
LINDOFF, Bengt
SUNDSTRÖM, Lars
-
- (51) H04W 36/00
H04W 36/20
H04W 72/12
H04L 12/26
H04W 36/08
(11) EP2757848
(21) EP13151566.0
(47) 01.05.2019
(22) 17.01.2013
(54) Method and system for improvement of handover quality in mobile radio systems
(73) Deutsche Telekom AG
(72) Belschner, Jakob
Kuang, Quan
-
- (51) H04W 36/00
H04W 36/32
(11) EP2672753
(21) EP13002796.4
(47) 01.05.2019
(22) 29.05.2013
(54) Method for operating a mobile terminal in a cellular communication network as well as a mobile end terminal, a device of a communication network and system for implementing the said method
(73) Vodafone Holding GmbH
(72) Hellmann, Christoph
(31) 102012011243
(32) 06.06.2012
(33) Germany
-
- (51) H04W 36/00
H04W 72/12
H04W 74/08
H04W 48/16
- H04W 76/18
(11) EP3123775
(21) EP15717287.5
(47) 01.05.2019
(87) US2015020685
01.10.2015
(22) 16.03.2015
(54) DELAYING A TRIGGER OF A SCHEDULING REQUEST AFTER HANDOVER
(73) Qualcomm Incorporated
(72) AMBRISS, Mouaffac
SHUKAIR, Mutaz Zuhier Afif
SAWHNEY, Salil
KRISHNAMOORTHY, Deepak
(31) 201461970340 P
201414463085
(32) 25.03.2014
19.08.2014
(33) United States of America
United States of America
-
- (51) H04W 36/00
H04W 80/10
H04W 88/02
(11) EP3044992
(21) EP14843250.3
(47) 01.05.2019
(87) CA2014000554
19.03.2015
(22) 09.07.2014
(54) METHOD AND APPARATUS FOR SETUP OF A CIRCUIT SWITCHED CALL DURING CIRCUIT SWITCHED FALLBACK
(73) BlackBerry Limited
(72) ISLAM, Muhammad Khaledul
WIRTANEN, Jeffrey William
(31) 201314024144
(32) 11.09.2013
(33) United States of America
-
- (51) H04W 36/00
H04W 84/12
H04W 24/02
(11) EP3133867
(21) EP15779732.5
(47) 01.05.2019
(87) JP2015053282
22.10.2015
(22) 05.02.2015
(54) BASE STATION, WIRELESS COMMUNICATION SYSTEM, AND COMMUNICATION METHOD
(73) NEC Corporation
(72) TAMURA, Tomu
UEDA, Yoshio
(31) 2014085221
(32) 17.04.2014
(33) Japan
-
- (51) H04W 36/02
H04W 28/04
H04W 88/02
(11) EP2521398
(21) EP10850563.7
(47) 01.05.2019
(87) CN2010077269
03.11.2011
(22) 25.09.2010
- (54) METHOD, DEVICE AND SYSTEM FOR PROCESSING USER EQUIPMENT HANDOVER IN LONG TERM EVOLUTION (LTE) SYSTEM
(73) ZTE Corporation
(72) LUO, Zhiping
(31) 201010160661
(32) 28.04.2010
(33) China
-
- (51) H04W 36/08
H04W 36/36
H04W 36/00
H04W 72/04
H04W 74/08
(11) EP2695429
(21) EP11863228.0
(47) 01.05.2019
(87) IB2011003216
11.10.2012
(22) 08.11.2011
(54) HANDOVER IN CARRIER AGGREGATION SCENARIOS
(73) Alcatel Lucent
(72) YANG, Tao
LIM, Seau Sian
(31) 201110089934
(32) 02.04.2011
(33) China
-
- (51) H04W 36/14
H04W 84/04
H04W 36/30
H04W 80/04
H04W 36/00
(11) EP2289264
(21) EP09794586.9
(47) 01.05.2019
(87) KR2009003202
14.01.2010
(22) 16.06.2009
(54) HANDOVER OF NON-VOICE BEARERS IN PACKET-SWITCHED AND CIRCUIT-SWITCHED NETWORKS
(73) Samsung Electronics Co., Ltd.
(72) LEE, Dong Hee
YEOUM, Tae Sun
VAISHALI, Paisal
(31) CH14602008
CH14602009
(32) 16.06.2008
11.06.2009
(33) India
India
-
- (51) H04W 36/24
H04J 11/00
(11) EP2999269
(21) EP14798114.6
(47) 01.05.2019
(87) CN2014077508
20.11.2014
(22) 14.05.2014
(54) CELL-BASED PROCESSING METHOD, SYSTEM, AND RELATED APPARATUS
(73) ZTE Corporation
(72) MO, Linmei
ZHAO, Yajun
XU, Hanqing
(31) 201310186189
(32) 17.05.2013

(33) China	(54) METHOD AND SYSTEM FOR	201261725579 P
(51) H04W 36/26	CONTROLLING CHANNEL ACCESS IN	201261726501 P
H04W 36/30	AN ACCESS NETWORK	201361750808 P
H04W 36/00	(73) Alcatel Lucent	201361751951 P
H04W 36/38	(72) GACANIN, Haris	201361752371 P
(11) EP3050359	ROSTAMI, Soheil	201361752451 P
(21) EP14787268.3	(51) H04W 48/08	201361775706 P
(47) 01.05.2019	H04W 84/04	(32) 08.08.2012
(87) IB2014064076	(11) EP2445265	23.08.2012
02.04.2015	(21) EP10789170.7	03.09.2012
(22) 26.08.2014	(47) 01.05.2019	05.09.2012
(54) CONTROLLING HANDOVER OF A	(87) JP2010003671	11.09.2012
HIGH-PRIORITY USER EQUIPMENT	23.12.2010	11.10.2012
OPERATING NEAR A CELL EDGE	(22) 01.06.2010	29.10.2012
(73) Telefonaktiebolaget LM Ericsson (publ)	(54) WIRELESS COMMUNICATION SYSTEM	11.11.2012
(72) BAWASKAR, Namita	AND WIRELESS COMMUNICATION	13.11.2012
(31) 201314037911	METHOD FOR HANDOVER TO FEMTO	13.11.2012
(32) 26.09.2013	INDOOR CELLS	14.11.2012
(33) United States of America	(73) NEC Corporation	10.01.2013
(51) H04W 36/30	(72) KOBAYASHI, Rumi	14.01.2013
H04B 1/3805	NAKATA, Atsushi	14.01.2013
(11) EP3301975	(31) 2009142050	15.01.2013
(21) EP16191012.0	(32) 15.06.2009	11.03.2013
(47) 01.05.2019	(33) Japan	(33) United States of America
(22) 28.09.2016	(51) H04W 48/16	United States of America
(54) APPARATUSES AND METHODS FOR	H04W 8/00	United States of America
MEASURING NEIGHBORING INTER-	(11) EP2997773	United States of America
FREQUENCY OR INTER-RAT CELLS	(21) EP14797755.7	United States of America
(73) Intel IP Corporation	(47) 01.05.2019	United States of America
(72) Yu, Zhibin	(87) KR2014004404	United States of America
Sogl, Bernhard	20.11.2014	United States of America
Mueck, Markus Dominik	(22) 16.05.2014	United States of America
Badic, Biljana	(54) SCHEME FOR DISCOVERY IN A	United States of America
(51) H04W 48/04	COMMUNICATION NETWORK	United States of America
H04W 48/18	(73) Samsung Electronics Co., Ltd.	United States of America
H04L 29/08	(72) KIM, Kyung-Kyu	United States of America
H04W 64/00	PARK, Seung-Hoon	United States of America
H04W 4/02	CHANG, Young-Bin	United States of America
H04W 4/24	(31) 20130055759	United States of America
H04W 84/02	(32) 16.05.2013	(51) H04W 48/18
H04W 88/06	(33) Korea (Republic)	(11) EP2830363
H04W 88/08	(51) H04W 48/16	(21) EP12872042.2
H04W 4/021	H04W 48/20	(47) 01.05.2019
H04W 12/08	H04W 48/06	(87) CN2012075739
H04W 4/06	H04W 76/10	26.09.2013
H04W 80/04	H04W 84/12	(22) 18.05.2012
H04W 84/12	(11) EP2883392	(54) MOBILE TERMINAL AND NETWORK
H04W 84/04	(21) EP13827067.3	SELECTION METHOD THEREFOR
(11) EP2084917	(47) 01.05.2019	(73) ZTE Corporation
(21) EP07868537.7	(87) KR2013007171	(72) XIANG, Haitao
(47) 01.05.2019	13.02.2014	(31) 201210074437
(87) US2007082156	(22) 08.08.2013	(32) 20.03.2012
24.04.2008	(54) SCANNING METHOD AND APPARATUS	(33) China
(22) 22.10.2007	IN WIRELESS LAN	(51) H04W 48/18
(54) SYSTEM AND METHOD FOR	(73) LG Electronics Inc.	(11) EP3267736
DETERMINING A SUBSCRIBER'S ZONE	(72) PARK, Giwon	(21) EP17179580.0
INFORMATION	RYU, Kiseon	(47) 01.05.2019
(73) T-Mobile USA, Inc.	CHO, Hangyu	(22) 04.07.2017
(72) CALDWELL, Christopher E.	KWAK, Jinsam	(54) COMMUNICATION APPARATUS
LINKOLA, Janne P.	(31) 201261680707 P	(73) Alps Alpine Co., Ltd.
(31) 853156 P	201261692684 P	(72) YABATA, Tetsuya
(32) 20.10.2006	201261696228 P	(31) 2016134304
(33) United States of America	201261696812 P	(32) 06.07.2016
(51) H04W 48/06	201261699298 P	(33) Japan
(11) EP3300430	201261712788 P	(51) H04W 48/18
(21) EP16306219.3	201261719931 P	H04M 15/00
(47) 01.05.2019	201261725020 P	H04W 4/24
(22) 22.09.2016	201261725481 P	H04W 12/04

H04W 84/18	IWANE, Yasushi	(22) 04.09.2015
(11) EP3254500	(31) 2008326643	(54) SCORING BEACON MESSAGES FOR
(21) EP15703943.9	2009250206	MOBILE DEVICE WAKE-UP
(47) 01.05.2019	(32) 23.12.2008	(73) Apple Inc.
(87) EP2015052146	30.10.2009	(72) VIGIER, Benjamin
11.08.2016	(33) Japan	FUGMAN, Corey, G.
(22) 03.02.2015	Japan	KRSMANOVIC, Filip
(54) BROKERING SERVICE APPARATUS	(51) H04W 48/20	SU, Yingfeng
AND METHOD THEREIN FOR	H04W 36/00	ROIG, Mathieu
ASSISTING ROAMING IN MULTIPLE	(11) EP2875677	(31) 201462057581 P
MESH NETWORKS.	(21) EP13707680.8	201514592674
(73) Telefonaktiebolaget LM Ericsson (publ)	(47) 01.05.2019	(32) 30.09.2014
(72) ÅSTRÖM, Magnus	(87) EP2013054640	08.01.2015
LINDOFF, Bengt	23.01.2014	(33) United States of America
PERSSON, Per	(22) 07.03.2013	United States of America
(51) H04W 48/18	(54) METHOD AND DEVICE FOR	(51) H04W 52/02
H04W 8/02	ADVANCED CELL RESELECTION FOR	H04W 16/24
(11) EP3163949	CALL QUALITY IMPROVEMENT	H04W 92/20
(21) EP16188902.7	(73) Gemalto M2M GmbH	(11) EP2996374
(47) 01.05.2019	(72) BREUER, Volker	(21) EP14795517.3
(22) 15.09.2016	WEHMEIER, Lars	(47) 01.05.2019
(54) APPARATUSES AND METHODS	RÖHL, Bernd	(87) KR2014004142
FOR HANDLING CHANGE OF USER	DIPPEL, Rainer	13.11.2014
EQUIPMENT (UE) USAGE TYPE	(31) 12176951	(22) 09.05.2014
(73) Acer Incorporated	(32) 18.07.2012	(54) METHOD BY WHICH BASE STATION
(72) CHEN, Pei-Jung	(33) European Patent Office (EPO)	TRANSMITS SIGNAL FOR COVERAGE
(31) 201562248424 P	(51) H04W 48/20	COORDINATION IN WIRELESS
201615203475	H04W 48/18	COMMUNICATION SYSTEM AND
(32) 30.10.2015	(11) EP3158803	DEVICE FOR SAME
06.07.2016	(21) EP15884208.8	(73) LG Electronics Inc.
(33) United States of America	(47) 01.05.2019	(72) BYUN, Daewook
United States of America	(87) CN2015073871	LEE, Insun
(51) H04W 48/18	15.09.2016	XU, Jian
H04W 48/08	(22) 09.03.2015	PARK, Kyungmin
H04W 88/06	(54) PREDICTING ACCESS POINT	(31) 201361821736 P
H04W 48/16	AVAILABILITY	201361898467 P
H04M 1/725	(73) Hewlett Packard Enterprise Development LP	(32) 10.05.2013
(11) EP2666326	(72) WANG, Shuai	31.10.2013
(21) EP12737175.5	YU, Xiaofeng	(33) United States of America
(47) 01.05.2019	XIE, Junqing	United States of America
(87) US2012022000	(51) H04W 52/02	(51) H04W 52/02
26.07.2012	G06F 1/32	H04W 40/10
(22) 20.01.2012	H04M 1/60	H04W 84/18
(54) SMART CONNECTION MANAGER	H03G 3/00	H04W 28/02
(73) T-Mobile USA, Inc.	(11) EP2664196	H04B 7/14
(72) CHOW, Paulo	(21) EP12701790.3	H04L 12/733
TEMPLE, Sinclair, M.	(47) 01.05.2019	(11) EP3248418
KUNCL, Parker, Ralph	(87) US2012020673	(21) EP15820651.6
DROVDAHL, Mark	19.07.2012	(47) 01.05.2019
(31) 201113011772	(22) 09.01.2012	(87) JP2015006326
(32) 21.01.2011	(54) BATTERY POWER MONITORING AND	28.07.2016
(33) United States of America	AUDIO SIGNAL ATTENUATION	(22) 18.12.2015
(51) H04W 48/20	(73) Qualcomm Incorporated	(54) NETWORK OF NODES, BATTERY-
H04L 5/00	(72) SILVERSTEIN, Roy B.	POWERED NODE AND METHOD FOR
(11) EP2369875	RAMAKRISHNAN, Dinesh	MANAGING BATTERY-POWERED
(21) EP09834436.9	(31) 201161431409 P	NODE
(47) 01.05.2019	201113206372	(73) Mitsubishi Electric Corporation
(87) JP2009007131	(32) 10.01.2011	(72) GUO, Jianlin
01.07.2010	09.08.2011	LIU, Kaikai
(22) 22.12.2009	(33) United States of America	ORLIK, Philip
(54) MOBILE COMMUNICATION SYSTEM	United States of America	PARSONS, Kieran
INCLUDING A CELL IN A HYBRID	(51) H04W 52/02	(31) 201514600387
ACCESS MODE	H04W 4/80	(32) 20.01.2015
(73) TCL Communication Technology Holdings	(11) EP3202163	(33) United States of America
Limited	(21) EP15766335.2	(51) H04W 52/02
(72) MAEDA, Miho	(47) 01.05.2019	H04W 52/04
MOCHIZUKI, Mitsuru	(87) US2015048652	H04W 52/28
SAEGUSA, Taiga	07.04.2016	H04B 7/0413

H04W 52/42	248289 P	(72) LIM, Ae-Ri
H04W 28/02	250804 P	KIM, Young-Hak
H04W 76/28	(32) 31.10.2008	(31) 20070058862
(11) EP3313126	30.12.2008	(32) 15.06.2007
(21) EP17203824.2	12.03.2009	(33) Korea (Republic)
(47) 01.05.2019	10.04.2009	(51) H04W 68/02
(22) 07.06.2010	18.06.2009	H04W 88/02
(54) APPROACH FOR OPTIMIZING ENERGY CONSUMPTION OF MULTIPLE-INPUT MULTIPLE-OUTPUT SYSTEM	07.08.2009	(11) EP2156680
(73) Empire Technology Development LLC	21.08.2009	(21) EP08763392.1
(72) POTKONJAK, Miodrag	02.10.2009	(47) 01.05.2019
(31) 538879	12.10.2009	(87) IB2008052429
(32) 11.08.2009	(33) United States of America	24.12.2008
(33) United States of America	United States of America	(22) 19.06.2008
(51) H04W 52/14	United States of America	(54) METHOD AND APPARATUSES FOR DETERMINING PAGING OCCASIONS
H04W 52/32	United States of America	(73) Nokia Technologies Oy
H04W 4/70	United States of America	(72) ALANARA, Seppo M.
H04W 76/14	United States of America	DALSGAARD, Lars
H04W 52/38	United States of America	KOSKELA, Jarkko T.
H04L 29/08	(51) H04W 52/34	(31) 936373 P
H04W 8/00	H04W 52/24	964628 P
H04W 28/02	(11) EP1652361	(32) 19.06.2007
H04W 40/08	(21) EP04780329.1	14.08.2007
H04W 56/00	(47) 01.05.2019	(33) United States of America
H04W 84/02	(87) US2004025474	United States of America
H04W 84/18	17.02.2005	(51) H04W 68/12
H04W 92/18	(22) 06.08.2004	H04W 8/26
(11) EP3177084	(54) POWER ALLOCATION FOR THROUGHPUT ENHANCEMENT IN A MULTICARRIER COMMUNICATION SYSTEM	(11) EP2415311
(21) EP15827210.4	(73) Intel Corporation	(21) EP10725538.2
(47) 01.05.2019	(72) SADRI, Ali	(47) 01.05.2019
(87) JP2015071463	MALTSEV, Alexander	(87) US2010029153
04.02.2016	PUDEYEV, Andrey	14.10.2010
(22) 29.07.2015	SERGEYEV, Vadim	(22) 30.03.2010
(54) TERMINAL DEVICE, BASE STATION DEVICE, COMMUNICATIONS METHOD AND INTEGRATED CIRCUIT	(31) 493937 P	(54) METHOD AND APPARATUS FOR PROVIDING NON-PACKET SWITCHED SERVICE IN A TARGET RADIO ACCESS TECHNOLOGY NETWORK
(73) Sharp Kabushiki Kaisha	750561	(73) InterDigital Patent Holdings, Inc.
(72) YOKOMAKURA, Kazunari	(32) 08.08.2003	(72) WATFA, Mahmoud
AIBA, Tatsushi	31.12.2003	AGHILI, Behrouz
SUZUKI, Shoichi	(33) United States of America	WANG, Peter, S.
TAKAHASHI, Hiroki	United States of America	OLVERA-HERNANDEZ, Ulises
IMAMURA, Kimihiko	(51) H04W 64/00	SOMASUNDARAM, Shankar
(31) 2014153640	(11) EP2464182	(31) 165076 P
(32) 29.07.2014	(21) EP11009513.0	(32) 31.03.2009
(33) Japan	(47) 01.05.2019	(33) United States of America
(51) H04W 52/34	(47) 01.05.2019	(51) H04W 72/00
H04L 5/00	(22) 01.12.2011	H04W 8/22
(11) EP3060023	(54) Energy-efficient positioning system for smartphone using cell-ID sequence matching	(11) EP3046383
(21) EP16154246.9	(73) Deutsche Telekom AG	(21) EP16159007.0
(47) 01.05.2019	(72) Paek, Jeongyeup	(47) 01.05.2019
(22) 31.10.2009	Kim, Kyn-Han	(22) 16.08.2012
(54) HANDLING E-DCH UPLINK TRANSMISSIONS USING MULTIPLE UPLINK CARRIERS	Singh, Jatinder Pal	(54) CAPABILITY EXTENSIONS FOR MULTIMEDIA BROADCAST MULTICAST SERVICES
(73) Interdigital Patent Holdings, Inc.	(31) 420857 P	(73) Telefonaktiebolaget LM Ericsson (publ)
(72) PANI, Diana	(32) 08.12.2010	(72) Wiemann, Henning
MARINIER, Paul	(33) United States of America	Stattin, Magnus
CAVE, Christopher R.	(51) H04W 68/02	Phan, Mai-Anh
PELLETIER, Benoit	(11) EP2158698	(31) 201161524107 P
XI, Fengjun	(21) EP08766279.7	(32) 16.08.2011
(31) 109978 P	(47) 01.05.2019	(33) United States of America
141638 P	(87) KR2008003317	(51) H04W 72/04
159659 P	18.12.2008	(11) EP3046386
168451 P	(22) 13.06.2008	(21) EP16150351.1
218208 P	(54) APPARATUS AND METHOD FOR OPERATING AN IDLE MODE IN A WIRELESS COMMUNICATION SYSTEM	(47) 01.05.2019
232351 P	(73) Samsung Electronics Co., Ltd.	(22) 06.01.2016
235995 P		

(54) SYSTEM AND METHOD FOR PROVIDING COLLISION-AVOIDED PHYSICAL DOWNLINK CONTROL CHANNEL RESOURCE ALLOCATION IN A NETWORK ENVIRONMENT	16.02.2017 (22) 07.08.2015 (54) METHOD AND ARRANGEMENT FOR REQUESTING OF RESOURCES	(32) 30.01.2014 (33) United States of America
(73) Cisco Technology, Inc. (72) ZHAO, Qing SHIRALI, Kedar Durgadas NABAR, Rohit Umesh	(73) Telefonaktiebolaget LM Ericsson (publ) (72) BERGSTRÖM, Andreas RAMACHANDRA, Pradeepa ERIKSSON, Erik MOOSAVI, Reza	(51) H04W 72/12 (11) EP2127148 (21) EP08723684.0 (47) 01.05.2019 (87) KR2008001648 02.10.2008 (22) 24.03.2008
(31) 201514597036 (32) 14.01.2015 (33) United States of America	(51) H04W 72/08 H04J 11/00 H04W 88/10	(54) METHOD AND SYSTEM FOR SCHEDULING IN MOBILE COMMUNICATION SYSTEM
(51) H04W 72/04 H04W 52/24 H04W 72/08	(11) EP3202202 (21) EP15770955.1 (47) 01.05.2019 (87) EP2015072489 07.04.2016 (22) 29.09.2015	(73) Samsung Electronics Co., Ltd. (72) JEONG, Kyeong-In KIM, Soeng-Hun (31) 20070028907 (32) 23.03.2007 (33) Korea (Republic)
(11) EP2506646 (21) EP12173046.9 (47) 01.05.2019 (22) 27.01.2009	(54) INTERFERENCE DETECTION	(51) H04W 72/12 (11) EP2696640 (21) EP13179573.4 (47) 01.05.2019 (22) 07.08.2013
(54) Interference mitigation for control channels in a wireless communication network	(73) British Telecommunications public limited company	(54) COMMUNICATION UNITS, INTEGRATED CIRCUITS AND METHODS FOR SUPPORTING A VIRTUAL CARRIER
(73) Qualcomm Incorporated (72) Palanki, Ravi Khandekar, Aamod D. Bhushan, Naga Agrawal, Avneesh	(72) SCAHILL, Francis RINGLAND, Simon TOWNEND, David EVENDEK, Richard	(73) General Dynamics C4 Systems, Inc. (72) Beale, Martin (31) 201214137 201213719812 (32) 07.08.2012 19.12.2012 (33) United Kingdom United States of America
(31) 25644 P 80039 P 359989 (32) 01.02.2008 11.07.2008 26.01.2009 (33) United States of America United States of America United States of America	(31) 14250110 14250112 14250111 (32) 30.09.2014 30.09.2014 30.09.2014 (33) European Patent Office (EPO) European Patent Office (EPO) European Patent Office (EPO)	(51) H04W 72/12 (11) EP3104655 (21) EP14891640.6 (47) 01.05.2019 (87) CN2014077208 19.11.2015 (22) 12.05.2014 (54) DOWNLINK SIGNAL TRANSMISSION METHOD, BASE STATION AND USER EQUIPMENT
(51) H04W 72/04 H04W 72/08 H04W 76/18 H04W 92/20	(51) H04W 72/08 H04W 72/02 H04W 72/04 H04W 72/10	(51) H04W 72/12 (11) EP3104655 (21) EP14891640.6 (47) 01.05.2019 (87) CN2014077208 19.11.2015 (22) 12.05.2014 (54) DOWNLINK SIGNAL TRANSMISSION METHOD, BASE STATION AND USER EQUIPMENT
(11) EP2397011 (21) EP10705225.0 (47) 01.05.2019 (87) US2010023678 19.08.2010 (22) 09.02.2010	(11) EP3069566 (21) EP14799075.8 (47) 01.05.2019 (87) US2014062727 21.05.2015 (22) 28.10.2014	(73) Huawei Technologies Co., Ltd. (72) ZHOU, Xun WANG, Zhao
(54) ACCESS POINT RESOURCE NEGOTIATION AND ALLOCATION OVER A WIRELESS INTERFACE	(54) SYSTEM AND METHOD FOR CHANNEL SELECTION TO REDUCE IMPACT TO AN EXISTING NETWORK	(73) Huawei Technologies Co., Ltd. (72) ZHOU, Xun WANG, Zhao
(73) QUALCOMM Incorporated (72) PALANKI, Ravi AGASHE, Parag, A. KHANDEKAR, Aamod, D.	(73) Qualcomm Incorporated (72) YAVUZ, Mehmet SADEK, Ahmed Kamel	(51) H04W 72/12 H04B 7/26 H04L 5/14 H04W 48/12 H04W 48/08
(31) 701028 175302 P 151450 P (32) 05.02.2010 04.05.2009 10.02.2009 (33) United States of America United States of America United States of America	(31) 201314078362 (32) 12.11.2013 (33) United States of America	(51) H04W 72/12 H04B 7/26 H04L 5/14 H04W 48/12 H04W 48/08 (11) EP2651168 (21) EP11847785.0 (47) 01.05.2019 (87) CN2011083207 14.06.2012 (22) 30.11.2011 (54) METHOD, SYSTEM, AND DEVICE FOR WORKING ON TDD CELL
(51) H04W 72/04 H04W 74/08 H04W 36/00	(51) H04W 72/08 H04W 72/12 H04W 28/02 H04W 16/14	(73) Datang Mobile Communications Equipment Co., Ltd. (72) LU, Yang XU, Fangli LIANG, Jing (31) 201010583852 (32) 10.12.2010
(11) EP3332590 (21) EP15901099.0 (47) 01.05.2019 (87) SE2015050860	(11) EP3100558 (21) EP14828168.6 (47) 01.05.2019 (87) EP2014079433 06.08.2015 (22) 30.12.2014 (54) UNLICENSED BAND USAGE MEASUREMENT REPORTING	(73) Sony Corporation (72) LJUNG, Rickard (31) 201414168737

(33) China	(21) EP11751706.0	BARRIAC, Gwendolyn Denise
(51) H04W 72/12	(47) 01.05.2019	(31) 201462017094 P
H04W 4/12	(87) US2011046827	201514748051
H04W 56/00	09.02.2012	(32) 25.06.2014
(11) EP2451241	(22) 05.08.2011	23.06.2015
(21) EP10793560.3	(54) METHOD AND APPARATUS TO	(33) United States of America
(47) 01.05.2019	FACILITATE SUPPORT FOR MULTI-	United States of America
(87) CN2010074016	RADIO COEXISTENCE	(51) H04W 74/08
06.01.2011	(73) Qualcomm Incorporated	H04W 24/08
(22) 17.06.2010	(72) WANG, Jibing	(11) EP3255917
(54) SYNCHRONIZATION SCHEDULE	KADOUS, Tamer, Adel	(21) EP16758476.2
METHOD, APPARATUS AND SYSTEM	MANTRAVADI, Ashok	(47) 01.05.2019
(73) China Academy of Telecommunications	LINSKY, Joel, Benjamin	(87) CN2016075345
Technology	(31) 201113198471	09.09.2016
(72) ZHANG, Dajun	201161469784 P	(22) 02.03.2016
YANG, Xiaodong	371034 P	(54) CHANNEL DETECTION METHOD AND
(31) 200910087933	(32) 04.08.2011	APPARATUS
(32) 29.06.2009	30.03.2011	(73) ZTE Corporation
(33) China	05.08.2010	(72) YANG, Liu
(51) H04W 72/12	(33) United States of America	SUN, Bo
H04W 16/14	United States of America	XING, Weimin
H04W 72/14	United States of America	FANG, Yonggang
H04W 72/04	(51) H04W 74/08	(31) 201510099108
(11) EP3076739	(11) EP2554007	201510821796
(21) EP16163211.2	(21) EP11719319.3	(32) 05.03.2015
(47) 01.05.2019	(47) 01.05.2019	24.11.2015
(22) 31.03.2016	(87) FR2011050716	(33) China
(54) DEVICE AND NETWORK OF HANDLING	06.10.2011	China
DATA TRANSMISSION IN UNLICENSED	(22) 30.03.2011	(51) H04W 74/08
BAND	(54) METHOD AND DEVICE FOR	H04W 72/04
(73) HTC Corporation	REGULATING EMISSION IN A	H04W 72/12
(72) YE, Shiang-Rung	WIRELESS TELECOMMUNICATION	(11) EP3056054
(31) 201562141796 P	NETWORK	(21) EP14815946.0
(32) 01.04.2015	(73) Orange	(47) 01.05.2019
(33) United States of America	(72) BROWN, Patrick	(87) US2014059544
(51) H04W 72/12	GALTIER, Jérôme	16.04.2015
H04W 52/14	(31) 1052386	(22) 07.10.2014
(11) EP2434818	(32) 31.03.2010	(54) LTE-U CLEAR CHANNEL ASSESSMENT
(21) EP09844795.6	(33) France	OPERATIONS
(47) 01.05.2019	(51) H04W 74/08	(73) Qualcomm Incorporated
(87) CN2009071940	(11) EP3175672	(72) JI, Tingfang
25.11.2010	(21) EP14750816.2	BHUSHAN, Naga
(22) 22.05.2009	(47) 01.05.2019	WEI, Yongbin
(54) METHOD FOR DISPATCHING MULTI	(87) SE2014050910	GAAL, Peter
SUB-FRAMES AND THE SYSTEM, THE	04.02.2016	LUO, Tao
TERMINAL, THE BASE STATION AND	(22) 29.07.2014	CHEN, Wanshi
THE COMPUTER PROGRAM PRODUCT	(54) LISTEN-BEFORE-TALK BASED	MALLADI, Durga Prasad
THEREOF	MEDIUM ACCESS	DAMNJANOVIC, Aleksandar
(73) Huawei Technologies Co., Ltd.	(73) Telefonaktiebolaget LM Ericsson (publ)	SOMASUNDARAM, Kiran Kumar
(72) LV, Yongxia	(72) GODANA, Bruhtesfa	XU, Hao
FAN, Xiaolan	FURUSKÄR, Anders	(31) 201361887922 P
LI, Bo	KOUTSIMANIS, Chrysostomos	201414507727
(51) H04W 72/12	FALCONETTI, Laetitia	(32) 07.10.2013
H04W 88/06	(51) H04W 74/08	06.10.2014
(11) EP3301988	H04B 7/04	(33) United States of America
(21) EP16191440.3	(11) EP3162154	United States of America
(47) 01.05.2019	(21) EP15741399.8	(51) H04W 74/08
(22) 29.09.2016	(47) 01.05.2019	H04W 84/12
(54) MOBILE COMMUNICATION	(87) US2015037418	(11) EP3123759
DEVICES AND METHODS IN MOBILE	30.12.2015	(21) EP14887644.4
COMMUNICATION	(22) 24.06.2015	(47) 01.05.2019
(73) Intel IP Corporation	(54) SYSTEMS AND METHODS FOR	(87) CN2014074193
(72) BUTHLER, Jakob	IMPROVED PROTECTION MODES	01.10.2015
(51) H04W 72/12	IN HIGH-EFFICIENCY WIRELESS	(22) 27.03.2014
H04W 88/06	NETWORKS	(54) METHOD, APPARATUS AND SYSTEM
H04W 72/02	(73) Qualcomm Incorporated	FOR DISTRIBUTING TRANSMISSION
(11) EP2601812	(72) TIAN, Bin	OPPORTUNITIES IN A WIRELESS
	MERLIN, Simone	COMMUNICATION NETWORK

(73) Intel Corporation	(51) H04W 76/16	H04W 72/08
(72) YANG, Rongzhen	(11) EP2801234	(11) EP3222110
NIU, Huaning	(21) EP12829213.3	(21) EP15813854.5
YIN, Hujun	(47) 01.05.2019	(47) 01.05.2019
STACEY, Robert J.	(87) IB2012002869	(87) EP2015080753
(51) H04W 74/08	11.07.2013	30.06.2016
H04W 84/12	(22) 20.12.2012	(22) 21.12.2015
H04B 7/04	(54) METHOD FOR ACCESSING IN	(54) METHODS, INFRASTRUCTURE UNIT,
(11) EP2747509	WIRELESS COMMUNICATION	BASE STATION AND NETWORK UNIT
(21) EP14001052.1	NETWORK	(73) Sony Corporation
(47) 01.05.2019	(73) Alcatel Lucent	(72) KAHTAVA, Jussi Tapani
(22) 05.05.2011	(72) WANG, Yonggang	WAKABAYASHI, Hideji
(54) Collision detection and backoff window	(31) 201210002253	(31) 14200168
adaptation for multiuser mimo transmission	(32) 05.01.2012	(32) 23.12.2014
(73) Qualcomm Incorporated	(33) China	(33) European Patent Office (EPO)
(72) Abraham, Santosh Paul	(51) H04W 76/19	(51) H04W 88/06
Merlin, Simone	H04W 36/14	(11) EP3197239
Jones, Vincent Knowles IV	(11) EP2641422	(21) EP16000680.5
Wentink, Maarten Menzo, IV	(21) EP10777036.4	(47) 01.05.2019
Sampath, Hemanth	(47) 01.05.2019	(22) 21.03.2016
(31) 331631 P	(87) EP2010067769	(54) DUAL-MODE RADIO FREQUENCY
361863 P	24.05.2012	TRANSCIEVER ARCHITECTURE
201113098089	(22) 18.11.2010	(73) Telink Semiconductor (Shanghai) Co., LTD.
(32) 05.05.2010	(54) ENHANCED CONNECTION	(72) JIN, Haipeng
06.07.2010	RECOVERY METHOD FOR MULTI-RAT	Sheng, Wenjun
29.04.2011	DEPLOYMENTS	Zheng, Mingjian
(33) United States of America	(73) Nokia Solutions and Networks Oy	(31) 201510996809
United States of America	(72) WEGMANN, Bernhard	(32) 25.12.2015
United States of America	ROSE, Dirk	(33) China
(51) H04W 76/12	WALDHAUSER, Richard	(51) H04W 88/06
H04W 12/06	VIERING, Ingo	H04W 48/18
H04L 29/06	(51) H04W 84/04	H04W 52/36
H04W 12/08	H04L 29/12	H04W 72/12
(11) EP2741567	H04W 4/50	(11) EP2135468
(21) EP12820692.7	H04W 74/00	(21) EP08709959.4
(47) 01.05.2019	H04W 8/26	(47) 01.05.2019
(87) CN2012075311	(11) EP2426966	(87) IB2008050450
07.02.2013	(21) EP11179627.2	23.10.2008
(22) 10.05.2012	(47) 01.05.2019	(22) 07.02.2008
(54) ACCESS METHOD AND ACCESS	(22) 31.08.2011	(54) MULTIRADIO POWER AWARE TRAFFIC
SYSTEM	(54) Wireless extension of broadband acces	MANAGEMENT
(73) ZTE Corporation	(73) Comcast Cable Communications, LLC	(73) Nokia Technologies Oy
(72) YOU, Shilin	(72) Ong, Ivan	(72) PERNU, Ville
ZHAO, Youchun	Lowery, Clifton	YLÄNEN, Jussi
ZONG, Zaifeng	Urban, David	OKKER, Jani
ZHU, Xiaodong	(31) 872717	REUNAMÄKI, Jukka
LIU, Jianye	(32) 31.08.2010	PALIN, Arto
WU, Se	(33) United States of America	(31) 735077
WANG, Weibin	(51) H04W 88/02	(32) 13.04.2007
ZHU, Jinguo	H04W 24/10	(33) United States of America
MENG, Jun	H04W 72/08	(51) H04W 92/18
(31) 201110220979	H04W 88/06	H04W 4/06
(32) 03.08.2011	(11) EP2723141	H04W 12/08
(33) China	(21) EP12800575.8	(11) EP2962521
(51) H04W 76/12	(47) 01.05.2019	(21) EP13876384.2
H04W 56/00	(87) JP2012064808	(47) 01.05.2019
H04W 74/00	20.12.2012	(87) US2013074673
H04W 68/00	(22) 08.06.2012	04.09.2014
(11) EP2993920	(54) COMMUNICATION TERMINAL	(22) 12.12.2013
(21) EP13885296.7	DEVICE AND METHOD, BASE	(54) MULTICAST-BASED GROUP
(47) 01.05.2019	STATION DEVICE, AS WELL AS	COMMUNICATIONS IN AD HOC
(87) CN2013076150	COMMUNICATION SYSTEM	ARRANGEMENTS OF WIRELESS
27.11.2014	(73) Sony Corporation	DEVICES
(22) 23.05.2013	(72) YOSHIZAWA Atsushi	(73) Intel IP Corporation
(54) DEVICES FOR DATA TRANSMISSION	(31) 2011135621	(72) STOJANOVSKI, Alexandre S.
(73) Huawei Technologies Co., Ltd.	(32) 17.06.2011	VENKATACHALAM, Muthaiah
(72) PANG, Lingli	(33) Japan	BIENAS, Maik
ZHENG, Xiaoxiao	(51) H04W 88/04	LUFT, Achim

ZONG, PingPing	BRUMMELL, Roger	(51) H05B 33/12
(31) 201361771698 P	TOMPKINS, Timothy	F21K 99/00
(32) 01.03.2013	(31) 201562235719 P	G09F 9/33
(33) United States of America	(32) 01.10.2015	G09F 19/00
(51) H05B 1/00	(33) United States of America	G09F 23/04
H05B 1/02	(51) H05B 3/00	H01L 31/00
H05B 3/06	C03B 37/15	H01L 33/00
H05B 3/20	(11) EP3366079	H02S 40/38
H05B 3/26	(21) EP16801574.1	H01L 51/42
H01L 21/67	(47) 01.05.2019	H01L 27/30
H01L 21/683	(87) IB2016056197	H01L 27/32
(11) EP2769597	27.04.2017	F21V 29/00
(21) EP12769784.5	(22) 16.10.2016	G09F 13/22
(47) 01.05.2019	(54) RADIATION PUMPED HEATER/ HEATING ELEMENT	H01L 51/00
(87) US2012053117	(73) Soreq Nuclear Research Center	H01L 51/44
07.03.2013	(72) GOLDRING, Sharone	(11) EP3229560
(22) 30.08.2012	(31) 201562244289 P	(21) EP17000667.0
(54) HIGH DEFINITION HEATER AND METHOD OF OPERATION	(32) 21.10.2015	(47) 01.05.2019
(73) Watlow Electric Manufacturing Company	(33) United States of America	(22) 16.09.2014
(72) PTASIENSKI, Kevin	(51) H05B 3/44	(54) PLANAR ELEMENT FOR LIGHTING AND HEATING
SMITH, Kevin, Robert	(11) EP3261410	(73) FutureDynamics GmbH
SWANSON, Cal, Thomas	(21) EP17161007.4	(31) 102013016158
SCHMIDT, Philip, Steven	(47) 01.05.2019	(32) 30.09.2013
NOSRATI, Mohammad	(22) 15.03.2017	(33) Germany
LINDLEY, Jacob	(54) INFRARED HEATER	(51) H05B 33/20
BOLDT, Allen Norman	(73) Toshiba Lighting & Technology Corporation	H01L 51/00
ZHANG, Sanhong	(72) MINEYAMA, Yumi	(11) EP2873300
STEINHAUSER, Louis P.	(31) 2016125580	(21) EP13729606.7
GRIMARD, Dennis Stanley	(32) 24.06.2016	(47) 01.05.2019
(31) 201161528939 P	(33) Japan	(87) EP2013001769
201261635310 P	(51) H05B 33/08	16.01.2014
(32) 30.08.2011	(11) EP2466993	(22) 14.06.2013
19.04.2012	(21) EP11009848.0	(54) ORGANIC ELECTRONIC DEVICE COMPRISING AN ORGANIC SEMICONDUCTOR FORMULATION
(33) United States of America	(47) 01.05.2019	(73) Merck Patent GmbH
United States of America	(22) 14.12.2011	(72) TAN, Li Wei
(51) H05B 1/02	(54) Led lighting device and illumination apparatus including the same	BHINTADE, Rashmi
H01L 21/67	(73) Panasonic Intellectual Property Management Co., Ltd.	WIERZCHOWIEC, Piotr
(11) EP2752082	(72) Hamamoto, Katunobu	WANG, Changsheng
(21) EP12773421.8	Yamamoto, Masafumi	BLOUIN, Nicolas
(47) 01.05.2019	Ueda, Keisuke	(31) 12005161
(87) US2012053054	Takikita, Hisaya	(32) 13.07.2012
07.03.2013	(31) 2010283643	(33) European Patent Office (EPO)
(22) 30.08.2012	(32) 20.12.2010	(51) H05B 37/02
(54) THERMAL ARRAY SYSTEM	(33) Japan	(11) EP2875701
(73) Watlow Electric Manufacturing Company	(51) H05B 33/08	(21) EP13766699.6
(72) SCHMIDT, Phillip, S.	H05B 37/02	(47) 01.05.2019
SWANSON, Cal, T.	(11) EP2502461	(87) IB2013055743
LEMKE, John, F.	(21) EP10790702.4	23.01.2014
(31) 201161528939 P	(47) 01.05.2019	(22) 12.07.2013
201261635310 P	(87) US2010057382	(54) NETWORKED LIGHTING APPARATUS AND METHOD FOR SUCH LIGHTING APPARATUS TO IDENTIFY ITSELF AND COMMUNICATE ITS NETWORK ADDRESS
(32) 30.08.2011	26.05.2011	(73) Signify Holding B.V.
19.04.2012	(22) 19.11.2010	(72) SHIRA, Rahul
(33) United States of America	(54) CONTROLLABLE-LOAD CIRCUIT FOR USE WITH A LOAD CONTROL DEVICE	(31) 201261673794 P
United States of America	(73) Lutron Electronics Company, Inc.	(32) 20.07.2012
(51) H05B 1/02	(72) SALVESTRINI, Christopher James	(33) United States of America
H05B 3/48	BEDELL, Ryan S.	(51) H05B 37/02
(11) EP3357301	HARTE, Matthew V.	H04L 12/40
(21) EP16785281.3	(31) 263204 P	H04L 12/24
(47) 01.05.2019	950079	(11) EP2721783
(87) US2016055131	(32) 20.11.2009	(21) EP12733267.4
06.04.2017	19.11.2010	(47) 01.05.2019
(22) 03.10.2016	(33) United States of America	
(54) INTEGRATED DEVICE AND METHOD FOR ENHANCING HEATER LIFE AND PERFORMANCE	United States of America	
(73) Watlow Electric Manufacturing Company		
(72) NOSRATI, Mohammad		

- (87) US2012042583
20.12.2012
- (22) 15.06.2012
- (54) SYSTEMS AND METHODS TO
DETECT BUS NETWORK FAULT AND
TOPOLOGY
- (73) Osram Sylvania Inc.
- (72) HOFFKNECHT, Marc
ROJAS, Javier Orlando
O'HAGAN, Liam John
- (31) 201113161321
201113161349
- (32) 15.06.2011
15.06.2011
- (33) United States of America
United States of America
-
- (51) H05H 1/24
B01D 53/00
C02F 1/48
C01B 13/11
C01B 13/10
B01D 53/32
C02F 1/32
C02F 1/46
C02F 1/461
C02F 1/78
H01T 21/00
- (11) EP2599365
- (21) EP11813125.9
- (47) 01.05.2019
- (87) US2011045564
02.02.2012
- (22) 27.07.2011
- (54) ENCAPSULATED METAL MICROTIP
MICROPLASMA DEVICES, ARRAYS
AND FABRICATION METHODS
- (73) The Board of Trustees of the University of
Illinois
- (72) EDEN, J., Gary
PARK, Sung-Jin
YOON, JeKwon
CHUNG, Brian
- (31) 367951 P
201113188715
- (32) 27.07.2010
22.07.2011
- (33) United States of America
United States of America
-
- (51) H05H 1/24
H05H 1/42
C23C 16/513
- (11) EP3016483
- (21) EP15191972.7
- (47) 01.05.2019
- (22) 28.10.2015
- (54) METHOD AND APPARATUS FOR
GENERATING A COLD PLASMA WITH
FIRST AND SECOND CHAMBER
- (73) Leibniz-Institut für Plasmaforschung und
Technologie e.V.
- (72) Schmidt-Bleker, Ansgar
Reuter, Stephan
Weltmann, Klaus-Dieter
- (31) 10201422238
- (32) 30.10.2014
- (33) Germany
-
- (51) H05H 1/34
- (11) EP3082384
- (21) EP13898927.2
- (47) 01.05.2019
- (87) KR2013011461
18.06.2015
- (22) 11.12.2013
- (54) PLASMA GENERATING DEVICE
- (73) Applied Plasma Inc Co., Ltd.
- (72) PARK, Jae Beom
-
- (51) H05H 1/46
H01J 37/32
H01P 5/02
H03C 7/02
- (11) EP2785153
- (21) EP14161587.2
- (47) 01.05.2019
- (22) 25.03.2014
- (54) Plasma waveguide using step part and block
part
- (73) Triple Cores Korea Co., Ltd.
- (72) Kim, Ik Nyun
Kang, Sung Ok
Eum, Min Heum
- (31) 20130032748
- (32) 27.03.2013
- (33) Korea (Republic)
-
- (51) H05K 3/10
H05K 3/18
- (11) EP2906025
- (21) EP15154071.3
- (47) 01.05.2019
- (22) 06.02.2015
- (54) Method for selective activation of at least one
region of a surface of a dielectric substrate
- (73) Technische Universität Ilmenau
Ernst-Abbe-Hochschule Jena
- (72) Bliedtner, Jens
Barz, Andrea
Möhwald, Michael
Schmidt, Udo
Lerp, Marianne
Schilling, Martin
- (31) 102014101522
- (32) 07.02.2014
- (33) Germany
-
- (51) H05K 3/34
- (11) EP2031945
- (21) EP08014607.9
- (47) 01.05.2019
- (22) 18.08.2008
- (54) Method for mounting electronic components
and electromechanical components on a
circuit board
- (73) Elster Messtechnik GmbH
- (72) Ohlemüller, Patrick
- (31) 102007040662
- (32) 27.08.2007
- (33) Germany
-
- (51) H05K 3/38
C23F 11/14
- (11) EP2248402
- (21) EP09717965.9
- (47) 01.05.2019
- (87) EP2009001605
11.09.2009
- (22) 27.02.2009
- (54) NON-ETCHING NON-RESIST ADHESION
COMPOSITION AND METHOD OF
PREPARING A WORK PIECE
- (73) Atotech Deutschland GmbH
- (72) SPARING, Christian
LUETZOW, Norbert
TEWS, Dirk
THOMS, Martin
- (31) 08075181
- (32) 07.03.2008
- (33) European Patent Office (EPO)
-
- (51) H05K 7/02
H05K 13/00
G01L 19/14
- (11) EP2507608
- (21) EP10775730.4
- (47) 01.05.2019
- (87) EP2010065029
09.06.2011
- (22) 07.10.2010
- (54) SENSOR HAVING A SENSOR HOUSING
- (73) Robert Bosch GmbH
- (72) SCHOLZEN, Holger
GMELIN, Christoph
VOLLERT, Jens
ELLMER, Markus
- (31) 102009047506
- (32) 04.12.2009
- (33) Germany
-
- (51) H05K 7/14
H01L 25/07
H05K 7/20
- (11) EP3145286
- (21) EP16188013.3
- (47) 01.05.2019
- (22) 09.09.2016
- (54) HEAT DISSIPATION IN POWER
ELECTRONIC ASSEMBLIES
- (73) ABB Schweiz AG
- (72) Schluer, Tobias
- (31) 15185334
- (32) 15.09.2015
- (33) European Patent Office (EPO)
-
- (51) H05K 7/18
H05K 7/14
H02B 1/01
- (11) EP2947976
- (21) EP15167472.8
- (47) 01.05.2019
- (22) 13.05.2015
- (54) FRAMEWORK FOR ELECTRONIC OR
NETWORK CABINETS
- (73) Vertiv Integrated Systems GmbH
- (72) Röhrl, Max
Spateneder, Werner
- (31) 102014107168
- (32) 21.05.2014
- (33) Germany
-
- (51) H05K 7/20
- (11) EP2747534
- (21) EP13005568.4
- (47) 01.05.2019
- (22) 29.11.2013
- (54) Switchgear cabinet with an arrangement for
cooling of the heat from components installed
in the interior of the switchgear cabinet
- (73) Rittal GmbH & Co. KG
- (72) Meyer, Andreas
Hartmann, Thomas
Becker, Dieter
- (31) 102012112505

- (32) 18.12.2012
 (33) Germany
-
- (51) H05K 7/20
 (11) EP2648496
 (21) EP13173395.8
 (47) 01.05.2019
 (22) 23.06.2011
 (54) Space-saving high-density modular data center and an energy-efficient cooling system
- (73) FUJI Corporation
 (72) YAMAKAGE Yusuke
 IDO Takehiro
 YOSHINO Tomoharu
-
- (51) H05K 13/08
 H05K 13/04
 H05K 9/00
 (11) EP3030067
 (21) EP13890685.4
 (47) 01.05.2019
 (87) JP2013070679
 05.02.2015
 (22) 31.07.2013
 (54) ELECTRONIC COMPONENT MOUNTING DEVICE AND MOUNTING METHOD
 (73) FUJI Corporation
 (72) HAYASHI, Tetsuo
 NAKANE, Kuniyasu
 TESHIMA, Chikashi
-
- (73) Inertech IP LLC
 (72) Keisling, Earl
 Costakis, John
 McDonnell, Gerald
 (31) 357851 P
 414279 P
 201161448631 P
 201161482070 P
 (32) 23.06.2010
 16.11.2010
 02.03.2011
 03.05.2011
 (33) United States of America
 United States of America
 United States of America
 United States of America
-
- (51) H05K 7/20
 (11) EP3113592
 (21) EP16176116.8
 (47) 01.05.2019
 (22) 24.06.2016
 (54) CABINET AIR-CONDITIONING GUIDING MECHANISM
 (73) Tseng, Ching-Chao
 (72) Tseng, Ching-Chao
 (31) 104121584
 (32) 03.07.2015
 (33) Taiwan, Province of China
-
- (51) H05K 7/20
 B60R 16/02
 H02G 3/16
 (11) EP2750492
 (21) EP12836587.1
 (47) 01.05.2019
 (87) JP2012074653
 04.04.2013
 (22) 26.09.2012
 (54) ELECTRICAL JUNCTION BOX
 (73) Sumitomo Wiring Systems, Ltd.
 Sumitomo Electric Industries, Ltd.
 AutoNetworks Technologies, Ltd.
 (72) HASHIKURA, Manabu
 TSUCHIDA, Toshiyuki
 OKUMI, Shinsuke
 (31) 2011208905
 2011208908
 (32) 26.09.2011
 26.09.2011
 (33) Japan
 Japan
-
- (51) H05K 13/08
 H05K 13/04
 (11) EP2925112
 (21) EP12888848.4
 (47) 01.05.2019
 (87) JP2012080167
 30.05.2014
 (22) 21.11.2012
 (54) COMPONENT MOUNTING MACHINE

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Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 (1, 6) van de Octrooiwet 1995.

Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

(51) A01B 29/04 B60C 7/24 B60C 11/03 B60C 17/00 B60C 7/14 B60C 7/12	(73) EXEL INDUSTRIES (72) MASTALIR, Leo GALLMEIER, Michael (74) ir. A.R. Aalbers (47) 09.01.2019	(72) SELLNER, Duane, F. (74) ir. M.F.J.M. Ketelaars c.s. (31) 904607 (32) 27.09.2007 (33) United States of America (47) 02.01.2019
(11) EP2730155 (21) EP13191776.7 (22) 06.11.2013 (54) Semi-hollow tyre with improved profile and rolling device provided with such tyres	(51) A01G 7/04 A01G 31/02 G01N 33/00 (11) EP2966978 (21) EP14775123.4 (22) 07.03.2014 (54) LED LIGHT TIMING IN A HIGH GROWTH, HIGH DENSITY, CLOSED ENVIRONMENT SYSTEM	(51) A01K 1/01 A01K 5/02 A01K 1/035 A01K 7/02 A01K 13/00 (11) EP3097776 (21) EP15740435.1 (22) 19.01.2015
(73) OTICO (72) Phely, Olivier Piou, Denis (74) ir. C.M. Jansen c.s. (31) 1202979 (32) 07.11.2012 (33) France (47) 23.01.2019	(73) CROP ONE HOLDINGS, INC. (72) WILSON, James G. (74) ir. P.J. Hylarides c.s. (31) 201361784837 P (32) 14.03.2013 (33) United States of America (47) 02.01.2019	(54) PLATFORM FOR CARING FOR AND ATTENDING TO PETS (73) Geelen, Mikel-John Kuno (72) Geelen, Mikel-John Kuno (74) ir. C.M. Jansen c.s. (31) 201400050 P (32) 21.01.2014 (33) Spain (47) 09.01.2019
(51) A01B 69/00 A01B 79/00 (11) EP2944171 (21) EP15401040.9 (22) 05.05.2015 (54) AGRICULTURAL WORKING MACHINE	(51) A01G 9/029 A01G 9/08 (11) EP2210480 (21) EP10151289.5 (22) 21.01.2010 (54) Tray for plants	(51) A01K 1/015 (11) EP3136845 (21) EP15785247.6 (22) 28.04.2015 (54) POULTRY BEDDING
(73) Amazonen-Werke H. Dreyer GmbH & Co. KG (72) Mindrup, Tobias Wessels, Thomas Enge, Tobias (74) ir. M.F.J.M. Ketelaars c.s. (31) 102014106775 (32) 14.05.2014 (33) Germany (47) 30.01.2019	(73) Visser 's-Gravendeel Holding B.V. (72) Visser, Cornelis Frans Taco Visser, Anthony (74) ir. P.J. Hylarides c.s. (31) 1036440 (32) 21.01.2009 (33) Netherlands (47) 13.03.2019	(54) OESTERGAARD, Jacob (73) Oestergaard, Jacob Oestergaard, Kaj (72) OESTERGAARD, Jacob (74) ir. W.J.J.M. Kempes (31) 201470251 (32) 29.04.2014 (33) Denmark (47) 30.01.2019
(51) A01C 17/00 A01C 21/00 (11) EP3017674 (21) EP15401109.2 (22) 30.10.2015 (54) METHOD FOR MEASURING THE MASS FLOW RATE OF A DISTRIBUTING MACHINE	(51) A01G 24/00 C05F 11/08 A01N 65/00 C05G 3/02 (11) EP2920133 (21) EP13789844.1 (22) 15.11.2013 (54) COMPOSITION FOR DIP TREATMENT OF PLANT ROOTS	(51) A01K 1/02 (11) EP3014986 (21) EP15192153.3 (22) 29.10.2015 (54) FARROWING PEN (73) Schauer Agrotronic GmbH (72) HAGMÜLLER, Werner (74) mr. ir. J. van Breda c.s. (31) 5017614 U (32) 31.10.2014 (33) Austria (47) 26.12.2018
(73) Amazonen-Werke H. Dreyer GmbH & Co. KG (72) Rahe, Florian Wessels, Thomas Ströbel-Fröschle, Markus (74) ir. M.F.J.M. Ketelaars c.s. (31) 102014116020 (32) 04.11.2014 (33) Germany (47) 30.01.2019	(73) Agrauxine (72) COUTANT, Antoine REVEILLAUD, Maud-Cécile BLAL, Bachar (74) ir. W.J.J.M. Kempes (31) 1260889 (32) 15.11.2012 (33) France (47) 02.01.2019	(51) A01K 29/00 A22B 3/00 (11) EP3179849 (21) EP15778195.6 (22) 11.08.2015 (54) DEVICE FOR CONTROLLING STUNNING OF AN SLAUGHTER ANIMAL (73) CSB-System AG (72) SCHIMITZEK, Peter (74) ir. H.J.G. Lips c.s.
(51) A01D 33/10 (11) EP3058801 (21) EP15305273.3 (22) 23.02.2015 (54) Beet crop heap divider apparatus	(51) A01J 5/08 (11) EP2192831 (21) EP08795597.7 (22) 26.08.2008 (54) TEAT CUP LINER (73) GEA Farm Technologies, Inc.	

(31) 202014006472 U	RODRIGUES, Klin A.	(74) ir. W.J.J.M. Kempes
(32) 13.08.2014	TANK, Holger	(31) 10193335
(33) Germany	(74) ir. C.M. Jansen c.s.	419438 P
(47) 09.01.2019	(31) 201261696351 P	(32) 01.12.2010
(51) A01K 45/00	201261739364 P	03.12.2010
A01K 41/06	(32) 04.09.2012	(33) European Patent Office (EPO)
(11) EP3122177	19.12.2012	United States of America
(21) EP15714710.9	(33) United States of America	(47) 14.11.2018
(22) 17.03.2015	United States of America	(51) A01N 43/40
(54) EGG SUPPORT ASSEMBLY, AND ASSOCIATED DEVICE AND METHOD	(47) 30.01.2019	A01P 13/00
(73) Zoetis Services LLC	(51) A01N 27/00	A01N 41/10
(72) SUH, William Dongwook	A61K 9/14	A01N 43/56
(74) ir. M.F.J.M. Ketelaars c.s.	A01P 21/00	A01N 43/80
(31) 201461970394 P	(11) EP2575450	(11) EP2934140
(32) 26.03.2014	(21) EP11793030.5	(21) EP13866035.2
(33) United States of America	(22) 07.06.2011	(22) 18.12.2013
(47) 30.01.2019	(54) CYCLOPROPENE COMPOSITIONS	(54) HERBICIDAL COMPOSITIONS
(51) A01K 95/02	(73) Syngenta Participations AG	COMPRISING 4-AMINO-3-
(11) EP2735228	(72) FOWLER, Jeffrey David	CHLORO-6-(4-CHLORO-2-FLUORO-3-
(21) EP13194003.3	KIM, Sejong	METHOXYPHENYL) PYRIDINE-2-
(22) 22.11.2013	(74) ir. W.J.J.M. Kempes	CARBOXYLIC ACID OR A DERIVATIVE
(54) Device for releasing a fishing weight	(31) 352252 P	THEREOF AND FLUFENACET
(73) Roscar Angling Developments EU Limited	(32) 07.06.2010	(73) Dow AgroSciences LLC
(72) Tiller, Carl	(33) United States of America	(72) BECKER, Joerg
Drewett, Ross	(47) 02.01.2019	(74) ir. C.M. Jansen c.s.
(74) ir. M.F.J.M. Ketelaars c.s.	(51) A01N 37/52	(31) 201261745029 P
(31) 201220996	A01P 7/02	(32) 21.12.2012
201307378	A01N 43/36	(33) United States of America
(32) 22.11.2012	A01N 43/40	(47) 30.01.2019
24.04.2013	A01N 43/78	(51) A01N 43/54
(33) United Kingdom	A01N 43/86	A01N 43/40
United Kingdom	A01N 41/10	A01P 3/00
(47) 09.01.2019	(11) EP3125691	(11) EP2941126
(51) A01N 25/24	(21) EP15712925.5	(21) EP13867164.9
A01N 25/10	(22) 31.03.2015	(22) 31.12.2013
A01N 43/12	(54) USE OF N-ARYLAMIDINE	(54) SYNERGISTIC FUNGICIDAL
(11) EP3193595	SUBSTITUTED	COMPOSITIONS
(21) EP15763340.5	TRIFLUOROETHYLSULFOXIDE	(73) Dow AgroSciences LLC
(22) 15.09.2015	DERIVATIVES FOR COMBATING	(72) OUIMETTE, David G.
(54) COMPOSITION COMPRISING A	SPIDER MITES BY DRENCHING, DRIP	MATHIESON, John T.
HYDROGEL AND PESTICIDES	APPLICATION, DIP APPLICATION OR	YAO, Chenglin
(73) Novionics B.V.	SOIL INJECTION	DASILVA, Olavo Correa
(72) ZHOU, Ludan	(73) Bayer CropScience Aktiengesellschaft	KEMMITT, Greg
HANSSEN, Johannes Hendrikus Leonardus	(72) ALIG, Bernd	(74) ir. C.M. Jansen c.s.
TWEEHUYSEN, Robert	CEREZO-GALVEZ, Silvia	(31) 201261747464 P
(74) drs. J. Renkema	FISCHER, Reiner	(32) 31.12.2012
(31) 14184788	KÖHLER, Adeline	(33) United States of America
(32) 15.09.2014	HAHN, Julia Johanna	(47) 13.03.2019
(33) European Patent Office (EPO)	LÖSEL, Peter	(51) A01N 43/653
(47) 26.12.2018	MALSAM, Olga	A01N 25/32
(51) A01N 25/30	(74) ir. W.J.J.M. Kempes	(11) EP2950653
A01N 39/04	(31) 14163528	(21) EP14708489.1
A01N 43/40	(32) 04.04.2014	(22) 27.01.2014
A01N 57/20	(33) European Patent Office (EPO)	(54) DIFENONAZOLE STEREOISOMERIC
A01P 13/00	(47) 06.03.2019	COMPOSITION WITH REDUCED
(11) EP2908645	(51) A01N 43/40	PHYTOTOXICITY
(21) EP13835793.4	A01N 63/04	(73) Syngenta Participations AG
(22) 30.08.2013	A01P 5/00	(72) GODWIN, Jeremy Robert
(54) COMPOSITIONS AND METHODS FOR	A01P 7/00	HEMING, Alexander Mark
IMPROVING THE COMPATIBILITY OF	(11) EP3103336	LOTHSCHUETZ, Christian
WATER SOLUBLE HERBICIDE SALTS	(21) EP16173013.0	SCHNEITER, Peter
(73) Akzo Nobel Surface Chemistry LLC	(22) 30.11.2011	STUTZ, Wolfgang
Dow AgroSciences LLC	(54) AGENT COMBINATIONS COMPRISING	(74) ir. W.J.J.M. Kempes
(72) ALEXANDER, Mark	FLUOPYRAM	(31) 201301979
AUSTIN, Anne	(73) Bayer CropScience Aktiengesellschaft	(32) 04.02.2013
KENNEDY, Alex	(72) HUNGENBERG, Heike	(33) United Kingdom
LIU, Lei	RIECK, Heiko	(47) 16.01.2019
	MASTERS, Robert	(51) A01N 43/653

A01N 47/30	(22) 09.11.2015	(47) 02.01.2019
A01N 55/02	(54) PROCESS FOR PRODUCING FRUIT POWDER	(51) A23C 19/076
A01N 63/00		A23C 9/123
A01N 63/04	(73) DMK Deutsches Milchkontor GmbH	(11) EP2839749
A01N 59/20	(72) Diekhaus, Martin	(21) EP13180796.8
(11) EP2427062	(74) J.M.H. Duyver lic.	(22) 18.08.2013
(21) EP10716343.8	(47) 09.01.2019	(54) Ground mass for curd cheese with improved taste properties III
(22) 03.05.2010	(51) A23C 9/123	
(54) A METHOD FOR INCREASING THE CROP YIELD OF AGRICULTURAL PLANTS UNDER ESSENTIALLY NON-EXISTENT PATHOGEN PRESSURE	(11) EP2839748	(73) DMK Deutsches Milchkontor GmbH
(73) Bayer CropScience LP	(21) EP13180795.0	(72) Schomacker, Marina
(72) FRANK, Markus	(22) 18.08.2013	Hahn, Michael
SILVA, David, Ernest	(54) Ground mass for curd cheese with improved taste properties II	Döring, Sven-Rainer
(74) ir. W.J.J.M. Kempes	(73) DMK Deutsches Milchkontor GmbH	(74) J.M.H. Duyver lic.
(31) 176511 P	(72) Schomacker, Marina	(47) 02.01.2019
175818 P	Hahn, Michael	(51) A23F 3/16
(32) 08.05.2009	(74) J.M.H. Duyver lic.	A23F 3/18
06.05.2009	(47) 02.01.2019	(11) EP2702873
(33) United States of America	(51) A23C 9/142	(21) EP12776459.5
United States of America	A23C 9/15	(22) 16.04.2012
(47) 16.01.2019	A23C 9/18	(54) TEA BEVERAGE AND PRODUCTION METHOD THEREFOR
(51) A01N 59/16	A23C 11/00	(73) Nongfu Spring Co., Ltd.
A61K 31/33	A23C 13/14	(72) HAN, Zhengchun
(11) EP2826371	A23F 5/40	HUANG, Yuan
(21) EP14173546.4	A23L 2/385	ZHONG, Jiping
(22) 23.11.2008	A23L 2/39	XUE, Lian
(54) Methods and compositions for inhibiting integrins using tellurium-containing compounds	A23L 2/66	(74) ir. A.R. Aalbers
(73) Feramda Ltd.	A23L 2/74	(31) 201110115712
(72) Albeck, Michael	A47J 31/40	(32) 29.04.2011
Sredni, Benjamin	B65D 85/804	(33) China
(74) J.M.H. Duyver lic.	(11) EP3154358	(47) 16.01.2019
(31) 996548 P	(21) EP15728602.2	(51) A23G 3/28
(32) 23.11.2007	(22) 06.05.2015	B05C 5/02
(33) United States of America	(54) CONCENTRATE FOR MILKY BEVERAGES	A23P 20/00
(47) 02.01.2019	(73) Koninklijke Douwe Egberts B.V.	A23P 20/15
(51) A01N 65/30	(72) GREGG, Julia, L.	A23P 20/25
A01N 35/06	WOLFSCHOON-POMBO, Alan	A23G 3/34
A01N 43/48	(74) ir. C.M. Jansen c.s.	(11) EP3169164
A01N 43/64	(31) 201408220	(21) EP15751138.7
A01N 25/30	(32) 09.05.2014	(22) 17.07.2015
(11) EP2461695	(33) United Kingdom	(54) DEVICE AND METHOD FOR APPLYING A FLUID OR SUSPENSION TO A SUBSTRATE
(21) EP10805012.1	(47) 06.03.2019	(73) FoodJet B.V.
(22) 29.07.2010	(51) A23C 13/08	(72) DE GROOD, Pascal Johannes
(54) PLANT PATHOGEN INHIBITOR COMBINATIONS AND METHODS OF USE	(11) EP3066933	(74) ir. H.Th. van den Heuvel c.s.
(73) Marrone Bio Innovations, Inc.	(21) EP16159811.5	(31) 2013209
(72) SU, Hai	(22) 11.03.2016	(32) 17.07.2014
MARRONE, Pamela, G.	(54) A METHOD FOR THE PRODUCTION OF UHT CREAM	(33) Netherlands
KOIVUNEN, Marja	(73) Pascal S.r.l.	(47) 30.01.2019
(74) ir. J.C. Volmer c.s.	(72) BRANCIAROLI, Osvaldo	(51) A23K 10/00
(31) 230102 P	(74) ir. J.M.G. Dohmen c.s.	A23K 10/10
(32) 30.07.2009	(31) UB20150046	A23K 10/40
(33) United States of America	(32) 11.03.2015	A23K 50/00
(47) 13.03.2019	(33) Italy	(11) EP3027044
(51) A23C 1/10	(47) 26.12.2018	(21) EP14752950.7
A23L 19/15	(51) A23C 19/076	(22) 22.07.2014
A23L 2/385	A01J 25/12	(54) PROCESS FOR PREPARING FISH FEED PELLETS
A23C 1/14	(11) EP3047732	(73) Tereos Starch & Sweeteners Belgium
A23C 9/152	(21) EP15151915.4	(72) FENEUIL, Aurélien
A23B 7/02	(22) 21.01.2015	VOGEL, Fabrice
A23B 7/08	(54) Continuous process for the production of a white cheese composition	FLAMBEAU, Michel
(11) EP3165096	(73) DMK Deutsches Milchkontor GmbH	(74) dr. W.A.H.M. Van Borm
(21) EP15193759.6	(72) May, Martin	(31) 201300508
	(74) J.M.H. Duyver lic.	(32) 23.07.2013
		(33) Belgium

(47) 27.02.2019	MCINTYRE, Timothy	(74) drs. W.H.P. Derks
(51) A23K 40/10	FARLEY, Edward	(31) 13178526
A23K 20/105	(74) ir. C.M. Jansen c.s.	201361881534 P
A23K 20/158	(31) 201361844583 P	(32) 30.07.2013
A23K 20/24	201315557	24.09.2013
A23K 50/75	(32) 10.07.2013	(33) European Patent Office (EPO)
A61K 31/23	02.09.2013	United States of America
(11) EP2729015	(33) United States of America	(47) 02.01.2019
(21) EP12730585.2	United Kingdom	(51) A23L 33/17
(22) 03.07.2012	(47) 02.01.2019	A23L 33/21
(54) ACTIVE FORMULATION FOR USE IN FEED PRODUCTS	(51) A23L 29/00	(11) EP2575508
(73) Purac Biochem bv	A23L 17/60	(21) EP11723272.8
(72) KOK, Symone	A61K 36/05	(22) 01.06.2011
VOGIATZIS, Nikolaos	(11) EP3027053	(54) NON-DIGESTIBLE
(74) ir. A.R. Aalbers	(21) EP14790145.8	OLIGOSACCHARIDES FOR ORAL
(31) 11173177	(22) 17.07.2014	INDUCTION OF TOLERANCE AGAINST
201161505810 P	(54) LIPID-RICH MICROALGAL FLOUR AND	DIETARY PROTEINS
(32) 08.07.2011	METHOD FOR PREPARING SAME	(73) N.V. Nutricia
08.07.2011	(73) Corbion Biotech, Inc.	(72) KNIPPELS, Léon Mathieu Johannes
(33) European Patent Office (EPO)	(72) PASSE, Damien	VAN ESCH, Elisabeth Catharina Adriana
United States of America	(74) J.M.H. Duyver lic.	Maria
(47) 02.01.2019	(31) 1357110	GARSSEN, Johan
(51) A23K 50/10	(32) 19.07.2013	(74) ir. M.F.J.M. Ketelaars c.s.
A23K 20/105	(33) France	(31) PCT/EP2010/003374
(11) EP2939545	(47) 02.01.2019	(32) 04.06.2010
(21) EP15165321.9	(51) A23L 33/125	(33) World Intellectual Property Office (WIPO)
(22) 28.04.2015	A23L 33/13	(47) 09.01.2019
(54) IMPROVING THE FEED INTAKE OF DAIRY COWS BY USE OF GREEN FEED	A61K 31/7068	(51) A24B 15/24
AROMAS	A61K 31/7076	(11) EP2967127
(73) BASF SE	A61K 31/7072	(21) EP14709979.0
(72) Tröschler, Arnulf	A61K 31/708	(22) 14.03.2014
Challand, Nina	A61P 1/12	(54) METHODS FOR REDUCING ONE
Troeschler, Johanna	(11) EP2658399	OR MORE TOBACCO SPECIFIC
Troeschler, Franziska	(21) EP11809048.9	NITROSAMINES IN TOBACCO
(74) ir. W.J.J.M. Kempes	(22) 22.12.2011	MATERIAL
(31) 14166130	(54) NUTRITIONAL COMPOSITIONS	(73) Philip Morris Products S.A.
(32) 28.04.2014	COMPRISE HUMAN MILK	(72) LANG, Gerhard
(33) European Patent Office (EPO)	OLIGOSACCHARIDES FOR USE IN	GUNDUZ, Irfan
(47) 26.12.2018	TREATING AND/OR PREVENTING	VUARNOZ-BIZE, Aline
(51) A23L 2/44	ENTERIC ROTAVIRUS INFECTION	(74) dr. W.A.H.M. Van Borm
(11) EP3212008	(73) ABBOTT LABORATORIES	(31) 13159620
(21) EP15788002.2	(72) BUCK, Rachael	(32) 15.03.2013
(22) 29.10.2015	THOMAS, Debra, L.	(33) European Patent Office (EPO)
(54) METHOD FOR THE DISINFECTION OF DRINKS CONTAMINATED WITH ACETIC ACID BACTERIA WITH COMPOUNDS THAT FORM METAL COMPLEXES	SCHALLER, Joseph, P.	(47) 27.02.2019
(73) Lanxess Deutschland GmbH	(74) ir. W.J.J.M. Kempes	(51) A24C 5/35
(72) TAUPP, Marcus	(31) 201061428866 P	B65G 21/18
(74) ir. W.J.J.M. Kempes	201161551758 P	B65G 47/51
(31) 14191150	(32) 31.12.2010	(11) EP3205218
(32) 30.10.2014	26.10.2011	(21) EP17154838.1
(33) European Patent Office (EPO)	(33) United States of America	(22) 06.02.2017
(47) 26.12.2018	United States of America	(54) DEVICE FOR CONVEYING A MASS
(51) A23L 5/20	(47) 27.02.2019	FLOW OF ROD-LIKE ARTICLES AND
A23B 9/18	(51) A23L 33/17	USE OF THE SAME
(11) EP3019030	A23J 1/10	(73) Hauni Maschinenbau GmbH
(21) EP14739528.9	A23J 3/30	(72) Busse-Riepshoff, Uwe
(22) 09.07.2014	C08H 1/06	Kreysern, Jan
(54) TREATMENT OF LIQUID GLUTEN SLURRY TO REDUCE OR REMOVE AFLATOXIN	(11) EP3027065	Müller, Thomas
(73) Tate & Lyle Ingredients Americas LLC	(21) EP14744369.1	Krößmann, Jürgen
(72) ARMENTROUT, Richard W.	(22) 29.07.2014	Blüthgen, Sönke Christian
MATTHEW, Susan	(54) METHOD FOR PRODUCING	Schuster, Christof
	HYDROLYSED KERATINACEOUS	Wildgen, Ivo
	MATERIAL	Graf, Jakob
	(73) Tessenderlo Group NV	(74) ir. F.A. Geurts c.s.
	(72) FILLIÈRES, Romain	(31) 102016102474
	BELMANS, Marc	(32) 12.02.2016
	BOERS, Frank	(33) Germany
	MAERTENS, Faye	(47) 30.01.2019
	ROGIERS, Joeri	(51) A24F 23/02

B29C 65/08	(72) Lin, Guangrong	(51) A42B 1/20
B29C 65/78	(74) ir. F.E. Hoeben	A42B 3/32
B29L 31/00	(31) 201310640210	(11) EP3232844
B29L 5/00	(32) 04.12.2013	(21) EP15767434.2
B29C 65/00	(33) China	(22) 31.08.2015
(11) EP3013163	(47) 02.01.2019	(54) INFLATABLE HELMET
(21) EP14739252.6	(51) A24F 47/00	(73) Airhead Design Ltd.
(22) 24.06.2014	A61M 15/06	(72) PIPPIN, Steven
(54) DEVICE FOR WELDING A ZIP SEAL IN A TOBACCO POUCH	(11) EP3078281	(74) dr. A. Krebs
(73) Sluis Cigar Machinery B.V.	(21) EP15163167.8	(31) 201415362
(72) DEKKER, Roelof Jan	(22) 10.04.2015	(32) 29.08.2014
(74) ir. J.C. Volmer c.s.	(54) ELECTRONIC CIGARETTE WITH WOVEN FIBER TUBE ATOMIZER	(33) United Kingdom
(31) 2011032	(73) Fontem Holdings 1 B.V.	(47) 27.02.2019
(32) 24.06.2013	(72) Biel, Stefan	(51) A42B 3/14
(33) Netherlands	Borkovec, Vaclav	A42B 3/08
(47) 13.02.2019	(74) ir. M.F.J.M. Ketelaars c.s.	A42B 3/22
(51) A24F 47/00	(47) 02.01.2019	(11) EP3177163
(11) EP3142505	(51) A41D 13/00	(21) EP15771846.1
(21) EP15791925.9	A41D 1/04	(22) 05.08.2015
(22) 13.05.2015	A41D 27/24	(54) PROTECTIVE HELMET
(54) METHOD, SYSTEM AND DEVICE FOR CONTROLLING CHARGING OF BATTERIES IN ELECTRONIC CIGARETTES	A47G 25/90	(73) Rosenbauer International AG
(73) Fontem Holdings 4 B.V.	(11) EP3217820	(72) STAUDINGER, Peter
(72) ALARCON, Ramon	(21) EP14812589.1	(74) mr. ir. J. van Breda c.s.
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 11.11.2014	(31) 505512014
(31) 201461992710 P	(54) WET SPORTSWEAR TAKEOFF HELPING MEANS	(32) 06.08.2014
(32) 13.05.2014	(73) Forko, Michel	(33) Austria
(33) United States of America	(72) Forko, Michel	(47) 02.01.2019
(47) 02.01.2019	(74) J.M.H. Duyver lic.	(51) A42B 3/22
(51) A24F 47/00	(47) 02.01.2019	G02B 5/23
(11) EP3232839	(51) A41D 13/00	(11) EP2407041
(21) EP15817136.3	A41D 1/04	(21) EP11184483.3
(22) 14.12.2015	A41H 43/04	(22) 19.12.2007
(54) CONTINUOUS MODE HEATER ASSEMBLY FOR AEROSOL- GENERATING SYSTEM	A41D 13/012	(54) A visor provided with a UV-sensitive material
(73) Philip Morris Products S.A.	(11) EP3217821	(73) Pinlock Patent B.V.
(72) SILVESTRINI, Patrick Charles	(21) EP15802186.5	(72) Arnold, Derek Leslie
(74) dr. W.A.H.M. Van Borm	(22) 03.11.2015	(74) ir. M.F.J.M. Ketelaars c.s.
(31) 14197974	(54) WET SPORTSWEAR TAKEOFF HELPING MEANS	(31) 1033103
(32) 15.12.2014	(73) Forko, Michel	(32) 21.12.2006
(33) European Patent Office (EPO)	(72) Forko, Michel	(33) Netherlands
(47) 27.02.2019	(74) J.M.H. Duyver lic.	(47) 30.01.2019
(51) A24F 47/00	(31) PCT/HR2014/000040	(51) A43B 13/18
A61M 15/06	P20150352	A43B 7/14
(11) EP2836090	(32) 11.11.2014	(11) EP2807940
(21) EP13700743.1	30.03.2015	(21) EP14425063.6
(22) 21.01.2013	(33) World Intellectual Property Office (WIPO)	(22) 28.05.2014
(54) AEROSOL-GENERATING DEVICES	Croatia	(54) Dynamic device for the control of discharge to ground of the body weight
(73) JT International SA	(47) 02.01.2019	(73) Università degli Studi "G. d'Annunzio" CHIETI-PESCARA
(72) HOPPS, Jason	(51) A41D 13/12	(72) D'Attilio, Michele
(74) J.M.H. Duyver lic.	(11) EP2854581	Chiacchiaretta, Piero
(31) 12163871	(21) EP13800176.3	Merla, Arcangelo
(32) 12.04.2012	(22) 08.05.2013	(74) J.M.H. Duyver lic.
(33) European Patent Office (EPO)	(54) SURGICAL GOWN AND METHOD OF MANUFACTURING THE SURGICAL GOWN	(31) RM20130307
(47) 06.03.2019	(73) Operating Room Innovations, Inc.	(32) 28.05.2013
(51) A24F 47/00	(72) BUI, Phong, Duy	(33) Italy
A61M 15/06	SALVADOR, Ruel	(47) 09.01.2019
(11) EP3061355	MCBRIDE, Mark, Tabin	(51) A45D 1/00
(21) EP14866867.6	JANKIEWICZ, Joseph, John	A45D 2/00
(22) 26.05.2014	(74) ir. W.J.J.M. Kempes	(11) EP3187067
(54) COTTON-LESS ELECTRONIC CIGARETTE HAVING LIQUID OVERFLOW PREVENTION	(31) 201213489339	(21) EP16165671.5
(73) Lin, Guangrong	(32) 05.06.2012	(22) 15.04.2016
	(33) United States of America	(54) HAIR STYLING APPARATUS
	(47) 23.01.2019	(73) Conair Corporation
		(72) Leung, Anthony
		(74) ir. H.J.G. Lips c.s.
		(31) 201514985710

16157435	(47) 30.01.2019	KOOPMANS, Emiel
(32) 31.12.2015	(51) A47J 31/52	(74) drs. O. Griebling
25.02.2016	A47J 31/60	(31) 16168147
(33) United States of America	(11) EP3028611	(32) 03.05.2016
European Patent Office (EPO)	(21) EP15194416.2	(33) European Patent Office (EPO)
(47) 09.01.2019	(22) 13.11.2015	(47) 02.01.2019
(51) A45D 19/00	(54) BEVERAGE MACHINE WITH WATER	(51) A47L 13/22
A45D 44/00	TANK	(11) EP2708176
G06Q 50/10	(73) Aquis Wasser-Luft-Systeme GmbH, Lindau	(21) EP13183843.5
(11) EP2693911	(72) Wallerstorfer, Kurt	(22) 11.09.2013
(21) EP12768204.5	(74) ir. W.J.J.M. Kempes	(54) Cleaning pad and steam appliance
(22) 06.04.2012	(31) 102014117720	(73) Bissell Homecare, Inc.
(54) A SYSTEM AND METHOD FOR BATCH	(32) 02.12.2014	(72) Hansen, Eric J.
SIZING HAIR DYE MIXTURES	(33) Germany	Haley, Kevin
(73) Suretint Technologies, LLC	(47) 02.01.2019	Kellis, Jay M.
(72) MILLER, Debbie	(51) A47J 31/60	(74) ir. C.M. Jansen c.s.
SARANOW, Mitchell	(11) EP3261500	(31) 201261701940 P
WRIGHT, Michael	(21) EP16703563.3	(32) 17.09.2012
(74) dr. A. Krebs	(22) 10.02.2016	(33) United States of America
(31) 201113081147	(54) MACHINE FOR MAKING BEVERAGES	(47) 23.01.2019
(32) 06.04.2011	(73) Tchibo GmbH	(51) A61B 3/12
(33) United States of America	(72) DEUBER, Louis	A61B 3/14
(47) 26.12.2018	(74) ir. P.J. Hylarides c.s.	G03B 17/56
(51) A47F 3/04	(31) 15156232	(11) EP3068284
E04F 10/06	(32) 24.02.2015	(21) EP14727921.0
(11) EP3095356	(33) European Patent Office (EPO)	(22) 18.04.2014
(21) EP15168756.3	(47) 02.01.2019	(54) OPTICAL ACCESSORY FOR A MOBILE
(22) 21.05.2015	(51) A47J 42/08	DEVICE
(54) REFRIGERATED SHELF	(11) EP3216375	(73) D-EYE S.r.l.
(73) REMIS Gesellschaft für Entwicklung und	(21) EP17158917.9	(72) RUSSO, Andrea
Vertrieb von technischen Elementen mbH	(22) 02.03.2017	(74) M.L. Huisman
(72) Toschek, Ralf	(54) COFFEE GRINDER AND COFFEE	(31) BS20130169
Laqua, Ulrich	MACHINE HAVING COFFEE GRINDER	(32) 15.11.2013
(74) ir. F.A. Geurts c.s.	(73) Eugster/Frismag AG	(33) Italy
(47) 26.12.2018	(72) EICHER, Heinz	(47) 02.01.2019
(51) A47J 31/36	(74) ir. M.F.J.M. Ketelaars c.s.	(51) A61B 5/053
(11) EP3079531	(31) 102016103806	(11) EP2615972
(21) EP14805612.0	(32) 03.03.2016	(21) EP11826062.9
(22) 02.12.2014	(33) Germany	(22) 16.09.2011
(54) BEVERAGE MACHINE WITH A	(47) 09.01.2019	(54) APPARATUS FOR THE AUTOMATED
PIVOTABLE CAPSULE GATE	(51) A47K 13/16	MEASUREMENT OF SURAL NERVE
(73) Nestec S.A.	A47K 17/00	CONDUCTION VELOCITY AND
(72) BONACCI, Enzo	(11) EP3169209	AMPLITUDE
FLICK, Jean-Marc	(21) EP16793284.7	(73) Neurometrix, Inc.
(74) ir. F.A. Geurts c.s.	(22) 06.05.2016	(72) BOETTCHER, Bonniejean
(31) 13196594	(54) SYSTEMS, METHODS, AND	CRYAN, Marc
(32) 11.12.2013	APPARATUSES FOR DISPENSING	GOZANI, Shai, N.
(33) European Patent Office (EPO)	SHEETS OF MATERIAL	HERB, Glenn
(47) 06.02.2019	(73) The Tranzonic Companies	KONG, Xuan
(51) A47J 31/36	Vuylsteke, Kenneth F.	WILLIAMS, Michael
A47J 31/44	Blanchard, Michael Duane	FENDROCK, Charles
(11) EP3277136	(72) VUYLSTEKE, Kenneth F.	(74) ir. A.R. Aalbers
(21) EP16712056.7	BLANCHARD, Michael Duane	(31) 201161467857 P
(22) 30.03.2016	RIST, Atilla	459127 P
(54) A MACHINE FOR DISPENSING	VAN REENEN, Hans	201161516944 P
A BEVERAGE COMPRISING AN	(74) J.M.H. Duyver lic.	403453 P
INTERFACE WITH SAFETY COVER	(31) 15001414	201161571203 P
(73) Nestec S.A.	(32) 12.05.2015	(32) 25.03.2011
(72) AGON, Fabien Ludovic	(33) European Patent Office (EPO)	06.12.2010
BYUN, Da Mi	(47) 09.01.2019	11.04.2011
HANAUER, Bianca	(51) A47L 9/28	16.09.2010
MAGATTI, Marco	(11) EP3316756	22.06.2011
MAYER, Markus Johannes	(21) EP17720154.8	(33) United States of America
SCHMIEDBAUER, Matthias	(22) 03.05.2017	United States of America
(74) ir. F.A. Geurts c.s.	(54) VACUUM CLEANER	United States of America
(31) 15162301	(73) Koninklijke Philips N.V.	United States of America
(32) 02.04.2015	(72) VAN DER KOOL, Johannes, Tseard	(47) 23.01.2019
(33) European Patent Office (EPO)		

(51) A61B 5/11	(54) RADIOGRAPHING SYSTEM, DOSE	A61B 18/24
A61B 5/00	INDEX MANAGEMENT METHOD, AND	A61B 18/00
(11) EP3064133	STORAGE MEDIUM	(11) EP3046491
(21) EP16153287.4	(73) CANON KABUSHIKI KAISHA	(21) EP14845151.1
(22) 29.01.2016	(72) ARIMA, Keisuke	(22) 12.09.2014
(54) SPECIFYING APPARATUS AND	(74) J.M.H. Duyver lic.	(54) LINER FOR CRYOGENIC TREATMENT
SPECIFYING METHOD	(31) 2016135413	SYSTEMS
(73) FUJITSU LIMITED	(32) 07.07.2016	(73) Channel Medsystems, Inc.
(72) SASAMOTO, Yuki	(33) Japan	(72) BURNETT, Daniel R.
INOMATA, Akihiro	(47) 20.02.2019	MALECKI, William
HOTTA, Shinji	(51) A61B 6/03	(74) ir. M.F.J.M. Ketelaars c.s.
MAEDA, Kazuho	A61B 6/12	(31) 201314029641
(74) ir. C.G.C. Veldman-Dijkers	A61B 6/00	(32) 17.09.2013
(31) 2015040412	A61B 18/20	(33) United States of America
(32) 02.03.2015	A61B 34/20	(47) 20.02.2019
(33) Japan	A61B 5/06	(51) A61B 17/54
(47) 13.03.2019	A61B 18/00	(11) EP2667801
(51) A61B 5/117	A61B 34/10	(21) EP12739664.6
A61B 5/145	(11) EP3170455	(22) 27.01.2012
G01N 33/50	(21) EP16199073.4	(54) METHOD AND APPARATUS FOR
B01L 3/00	(22) 16.11.2016	DISCONTINUOUS DERMABRASION
G01N 1/31	(54) GUIDEWIRE WITH RAY TRACING	(73) The General Hospital Corporation
G01N 35/00	CAPABILITY	(72) AUSTEN, William, G.
(11) EP3065640	(73) Biosense Webster (Israel) Ltd.	MANSTEIN, Dieter
(21) EP14796873.9	(72) GLINER, Vadim	(74) ir. C.M. Jansen c.s.
(22) 07.11.2014	MAYER, Ram Bernard	(31) 201161437500 P
(54) SKIN-PRINT FLUORESCENCE	(74) ir. M.F.J.M. Ketelaars c.s.	(32) 28.01.2011
ANALYSIS METHOD AND APPARATUS	(31) 201562256304 P	(33) United States of America
(73) Intelligent Fingerprinting Limited	201615289813	(47) 16.01.2019
(72) EARL, Nicholas	(32) 17.11.2015	(51) A61B 18/12
GODFREY, Daniel Peterson	10.10.2016	A61B 5/00
DUNTON, John	(33) United States of America	A61G 3/00
HUDSON, Mark	United States of America	A61B 5/0402
RUSSELL, David	(47) 06.02.2019	A61G 12/00
(74) ir. H.J.G. Lips c.s.	(51) A61B 17/00	A61M 1/00
(31) 201319757	A61N 1/378	A61N 1/00
(32) 08.11.2013	A61M 1/12	A61B 8/00
(33) United Kingdom	(11) EP2697890	A61N 1/39
(47) 20.02.2019	(21) EP11863269.4	(11) EP2833816
(51) A61B 5/15	(22) 16.12.2011	(21) EP13717227.6
A61B 5/151	(54) TRANSCUTANEOUS ENERGY	(22) 05.04.2013
B01L 3/00	TRANSFER COIL WITH INTEGRATED	(54) MODULAR MEDICAL APPLIANCE
B01L 3/02	RADIO FREQUENCY ANTENNA	(73) Kagan, Eugen
A61B 10/00	(73) Abiomed, Inc.	(72) Kagan, Eugen
A61J 1/06	(72) D'AMBROSIO, Ralph, L.	(74) J.M.H. Duyver lic.
A61J 1/14	KORTYKA, Martin	(31) 102012103029
G01N 1/36	(74) J.M.H. Duyver lic.	(32) 05.04.2012
(11) EP3228249	(31) 201161475573 P	(33) Germany
(21) EP17162602.1	(32) 14.04.2011	(47) 27.02.2019
(22) 22.09.2015	(33) United States of America	(51) A61B 18/14
(54) BLOOD MIXING AND TRANSFER	(47) 20.02.2019	(11) EP2870939
DEVICE	(51) A61B 17/122	(21) EP14191923.3
(73) Becton, Dickinson and Company	(11) EP3019095	(22) 05.11.2014
(72) Ivosevic, Milan	(21) EP14726937.7	(54) Catheter with means for detecting loss of
Blake, Alexander James	(22) 21.05.2014	contact of ablation electrode
Muthard, Ryan W.	(54) IMPROVED CLAMP FOR USE WITH A	(73) Biosense Webster (Israel) Ltd.
(74) ir. C.M. Jansen c.s.	CUTTING DEVICE	(72) Govari, Assaf
(31) 201462063536 P	(73) Price Invena APS	Altmann, Andres Claudio
201562207618 P	(72) JENSEN, Knud Lykke	(74) ir. M.F.J.M. Ketelaars c.s.
(32) 14.10.2014	SØLBECK, Peter	(31) 201314072885
20.08.2015	(74) dr. A. Krebs	(32) 06.11.2013
(33) United States of America	(31) 201312476	(33) United States of America
United States of America	(32) 12.07.2013	(47) 30.01.2019
(47) 06.02.2019	(33) United Kingdom	(51) A61B 90/00
(51) A61B 6/00	(47) 27.02.2019	A61L 2/18
(11) EP3266376	(51) A61B 17/42	A61B 50/20
(21) EP17180104.6	A61B 18/02	A61B 50/30
(22) 06.07.2017	A61B 18/04	(11) EP2991574

- (21) EP14724135.0
(22) 16.04.2014
(54) MEDICAL ACCESSORY HOLDER
(73) Cantel (UK) Limited
(72) MASON, David Robert
(74) ir. W.J.J.M. Kempes
(31) 201307983
(32) 02.05.2013
(33) United Kingdom
(47) 27.02.2019
-
- (51) A61C 8/00
(11) EP3232981
(21) EP15816124.0
(22) 14.12.2015
(54) DENTAL IMPLANT
(73) Nobel Biocare Services AG
(72) MEMMOLO, Marcello
JAN, Hall
DE HALLER, Emmanuel
(74) ir. W.J.J.M. Kempes
(31) 14198377
(32) 16.12.2014
(33) European Patent Office (EPO)
(47) 20.02.2019
-
- (51) A61C 9/00
A61C 1/08
A61C 13/00
(11) EP2785272
(21) EP12795398.2
(22) 26.11.2012
(54) DENTAL PREPARATION GUIDE
(73) 3Shape A/S
(72) FISKER, Rune
DEICHMANN, Nikolaj
(74) J.M.H. Duyver lic.
(31) 201100925
201161564191 P
(32) 28.11.2011
28.11.2011
(33) Denmark
United States of America
(47) 09.01.2019
-
- (51) A61C 17/16
A61C 17/22
A61C 17/26
(11) EP2922493
(21) EP13856467.9
(22) 28.10.2013
(54) DISPOSABLE PROPHYLAXIS ANGLE
WITH IMPROVED GEAR RETAINER
(73) Young Dental Manufacturing I, LLC
(72) MADRY, Roger
TRIPP, Steve
RICHARDSON, Tom
CURRY, Jim
(74) mr.ir. F.N. Ferro
(31) 201213682862
(32) 21.11.2012
(33) United States of America
(47) 06.03.2019
-
- (51) A61C 17/22
A61C 17/20
A61C 17/34
A46B 15/00
(11) EP3142597
(21) EP14892102.6
(22) 23.12.2014
- (54) SPATIALLY IMPROVED EXTENDED
REACH ULTRASONIC TOOTHBRUSH
(73) Robert T. Bock Consultancy LLC
(72) BOCK, Robert, T.
(74) ir. C.M. Jansen c.s.
(31) 201461994817 P
(32) 16.05.2014
(33) United States of America
(47) 30.01.2019
-
- (51) A61D 1/02
A61D 3/00
(11) EP3302046
(21) EP17703660.5
(22) 17.01.2017
(54) METHOD, DEVICE AND SYSTEM FOR
HANDLING AND GRADING LIVING
BIRDS
(73) Agri Advanced Technologies GmbH
(72) FORNER DOMENECH, Ivan
HERNÁNDEZ GÓMEZ, Santiago
(74) ir. A.R. Aalbers
(31) 16151757
(32) 18.01.2016
(33) European Patent Office (EPO)
(47) 09.01.2019
-
- (51) A61D 17/00
A01K 29/00
(11) EP1853342
(21) EP06701032.2
(22) 19.01.2006
(54) A METHOD AND DEVICE FOR
DETECTING ESTRUS
(73) SCR Engineers Ltd.
(72) VORONIN, Vladimir
BRAYER, Eyal
BEN MENACHEM, Uri
(74) J.M.H. Duyver lic.
(31) 16639405
(32) 19.01.2005
(33) Israel
(47) 06.03.2019
-
- (51) A61F 2/02
A61F 2/12
A61F 2/52
(11) EP2895109
(21) EP13839796.3
(22) 16.09.2013
(54) BREAST IMPLANTS WITH
INTEGRATED TRANSPONDERS
(73) JAMM Technologies, Inc.
(72) MEJIA, Ezequiel
GEISSLER, Randolph, Keith
QUIROS, Juan Jose, Chacon
(74) ir. C.G.C. Veldman-Dijkers
(31) 201261701910 P
(32) 17.09.2012
(33) United States of America
(47) 16.01.2019
-
- (51) A61F 2/04
A61F 2/02
(11) EP2773285
(21) EP12845121.8
(22) 01.11.2012
(54) DUODENAL GASTROINTESTINAL
DEVICES
(73) Endosphere, Inc.
(72) BINMOELLER, Kenneth, F.
MCKINLEY, James, T.
- SANDER, Fiona, M.
LUNSFORD, John, P.
PHAN, Hoang, G.m.
THORNE, Christopher
NGUYEN, Nam, Q.
(74) dr. W.A.H.M. Van Borm
(31) 201161554429 P
201261647396 P
201261699172 P
(32) 01.11.2011
15.05.2012
10.09.2012
(33) United States of America
United States of America
United States of America
(47) 26.12.2018
-
- (51) A61F 2/12
A61F 2/14
(11) EP2004172
(21) EP07759964.5
(22) 02.04.2007
(54) DRUG DELIVERY STRUCTURES AND
COMPOSITIONS FOR NASOLACRIMAL
SYSTEM
(73) Mati Therapeutics Inc.
(72) DE JUAN, JR., Eugene
REICH, Cary
BOYD, Stephen
GIFFORD, Hanson, S.
DEEM, Mark
(74) dr. A. Krebs
(31) 787775 P
871864 P
(32) 31.03.2006
26.12.2006
(33) United States of America
United States of America
(47) 13.03.2019
-
- (51) A61F 2/16
A61F 2/14
A61F 2/04
(11) EP2775961
(21) EP12847265.1
(22) 08.11.2012
(54) ACCOMMODATING INTRAOCULAR
LENSES
(73) PowerVision, Inc.
(72) SMILEY, Terah, Whiting
HILDEBRAND, Daniel
FLAHERTY, Bryan, Patrick
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161557237 P
(32) 08.11.2011
(33) United States of America
(47) 26.12.2018
-
- (51) A61F 2/24
(11) EP2575685
(21) EP11792047.0
(22) 06.06.2011
(54) APPARATUS FOR GUIDE-WIRE BASED
ADVANCEMENT OF A ROTATION
ASSEMBLY
(73) Valtech Cardio, Ltd.
(72) MILLER, Eran
CABIRI, Oz
REICH, Tal
SHEPS, Tal
(74) ir. F.A. Geurts c.s.

(31) 795026 795192	201361891398 P 201461990476 P	(73) Simple Medical Innovations Pty Ltd.
(32) 07.06.2010 07.06.2010	(32) 15.10.2013 15.10.2013	(72) KIERATH, Thomas (74) dr. A. Krebs
(33) United States of America United States of America	08.05.2014	(31) 2012903567 (32) 17.08.2012
(47) 13.02.2019	(33) United States of America United States of America United States of America	(33) Australia (47) 16.01.2019
(51) A61F 2/24 A61F 2/95 A61F 2/00	(47) 02.01.2019	(51) A61F 7/00 A61F 7/02
(11) EP3332743	(51) A61F 2/40	A61M 16/04
(21) EP18152598.1	(11) EP3228281	A61M 3/02
(22) 03.05.2012	(21) EP17171503.0	A61M 29/02
(54) METHOD AND APPARATUS FOR COMPRESSING/LOADING STENT- VALVES	(22) 26.11.2015	A61F 7/12
(73) Symetis SA	(54) MODULAR REVERSE SHOULDER ORTHOPAEDIC IMPLANT	A61M 13/00 A61M 16/20 A61M 25/10
(72) Essinger, Jacques Delaloye, Stephane Hefti, Jean-Luc Mantanus, Luc Paris, Michael	(73) DePuy Synthes Products, Inc. (72) CHAVARRIA, Jason DWIGHT, Todd T PONCET, Didier	(11) EP2442861 (21) EP10790308.0 (22) 18.06.2010
(74) ir. W.J.J.M. Kempes	(74) ir. M.F.J.M. Ketelaars c.s.	(54) DEVICES FOR COOLING THE NASAL CAVITY
(31) 11164926	(31) 201514597662	(73) BrainCool AB
(32) 05.05.2011	(32) 15.01.2015	(72) ROZENBERG, Allan HOFFMAN, John SAVAGE, James
(33) European Patent Office (EPO)	(33) United States of America	(74) mr. ir. J. van Breda c.s.
(47) 09.01.2019	(47) 26.12.2018	(31) 218774 P (32) 19.06.2009
(51) A61F 2/24 A61L 27/36 A61L 27/50	(51) A61F 2/44	(33) United States of America (47) 02.01.2019
(11) EP2549957	(11) EP3331472	(51) A61F 9/007
(21) EP11760162.5	(21) EP16754228.1	(11) EP3128967
(22) 23.03.2011	(22) 03.08.2016	(21) EP16709262.6 (22) 02.02.2016
(54) METHODS OF CONDITIONING SHEET BIOPROSTHETIC TISSUE	(54) IMPLANT FOR SEALING A DEFECT IN THE ANULUS FIBROSUS OF AN INTERVERTEBRAL DISC	(54) HOLLOW NEEDLE FOR AN OPHTHALMIC SURGICAL INSTRUMENT
(73) Edwards Lifesciences Corporation	(73) Richter, Marcus	(73) Geuder AG
(72) DOVE, Jeffrey, S. TIAN, Bin SCHNEIDER, Ralph COHEN, Jeffrey, S. JANKOVIC, Ivan MIGLIAZZA, John, F. WRIGHT, Gregory, A. YOUNG, James, M. CAMPBELL, Louis, A.	(72) Richter, Marcus (74) ir. H.J.G. Lips c.s.	(72) WOLSCHENDORF, Marc ENGEL, Stefan FRAUENFELD, Dieter DRAHEIM, René GEUDER, Volker
(74) ir. F.A. Geurts c.s.	(31) 102015112799 (32) 04.08.2015 (33) Germany (47) 06.03.2019	(74) ir. M.F.J.M. Ketelaars c.s. (31) 102015207150 (32) 20.04.2015 (33) Germany (47) 26.12.2018
(31) 381858 P 316801 P	(51) A61F 2/60 A61F 2/68 A61F 5/01 A61F 2/50 A61F 2/64 A61F 2/66 A61F 2/70 A61F 2/74 A61F 2/76	(31) 102015207150 (32) 20.04.2015 (33) Germany (47) 26.12.2018
(32) 10.09.2010 23.03.2010	(11) EP3257478 (21) EP17178057.0 (22) 26.11.2013	(51) A61F 9/06 (11) EP2645974 (21) EP11844196.3 (22) 28.11.2011
(33) United States of America United States of America	(54) ORTHOPAEDIC DEVICE	(54) WELDING HELMET HAVING A FILTER ARRANGEMENT
(47) 30.01.2019	(73) Ottobock SE & Co. KGaA (72) Boiten, Herman Mosler, Lüder Pusch, Martin Te Riele, Frederik Michniewicz, Joachim Harbach, Lenka	(73) 3M Innovative Properties Company (72) MAGNUSSON, Kristina JAREFORS, Kenneth (31) 418524 P (32) 01.12.2010 (33) United States of America (47) 16.01.2019
(51) A61F 2/30 A61F 2/38 A61B 17/56	(74) ir. M.F.J.M. Ketelaars c.s.	(51) A61F 13/15 A61F 13/49
(11) EP3057536	(31) 102012023023	(11) EP3058909
(21) EP14854207.9	(32) 26.11.2012	(21) EP14854715.1 (22) 22.09.2014
(22) 15.10.2014	(33) Germany (47) 09.01.2019	
(54) ACTUATED POSITIONING DEVICE FOR ARTHROPLASTY	(51) A61F 5/00	
(73) Xpandortho, Inc.	(11) EP2884950	
(72) DLIMA, Darryl D. COLWELL, JR., Clifford W. MATSUURA, David G. SIMPSON, Philip J.	(21) EP13829670.2 (22) 24.07.2013	
(74) ir. W.J.J.M. Kempes	(54) INTRAGASTRIC BALLOON	
(31) 201361891397 P		

(54) ABSORBENT ARTICLE PRODUCTION DEVICE, AND MODIFICATION METHOD FOR PRODUCTION DEVICE	Japan Japan (47) 27.03.2019	(54) ALUMINIUM-FREE ANTIPERSPIRANT/ DEODORANT COMPOSITIONS AND METHOD OF PREPARING THE SAME
(73) Unicharm Corporation	(51) A61G 5/02	(73) Stockholms Analytiska Laboratorium AB
(72) HAYASHI, Tomoki	A61G 5/10	(72) WÄHLSTAM, René
OYAMA, Hidetaka	B62M 1/14	(74) ir. M.F.J.M. Ketelaars c.s.
OKUDA, Jun	B62M 1/16	(31) 1451492
MITSUNO, Satoshi	(11) EP3137032	(32) 05.12.2014
(74) J.M.H. Duyver lic.	(21) EP15786312.7	(33) Sweden
(31) 2013217215	(22) 09.04.2015	(47) 06.02.2019
(32) 18.10.2013	(54) GEAR-SHIFT ARRANGEMENT FOR A WHEELCHAIR WHEEL	(51) A61K 9/00
(33) Japan	(73) GearWheel AB	A61K 8/02
(47) 06.03.2019	(72) DIDNER, Nils	A61K 8/11
(51) A61F 13/15	ÅKERFELDT, Dan	A61Q 5/02
A61F 13/49	(74) ir. M.F.J.M. Ketelaars c.s.	A61Q 13/00
A61F 13/496	(31) 1450512	A61Q 5/12
(11) EP3111902	(32) 30.04.2014	A61Q 19/10
(21) EP15755947.7	(33) Sweden	A61K 8/81
(22) 08.01.2015	(47) 26.12.2018	A61K 8/73
(54) MANUFACTURING METHOD FOR ABSORBENT ARTICLE	(51) A61H 31/00	A61Q 15/00
(73) Unicharm Corporation	A61M 16/00	C11B 9/00
(72) YAMAMOTO, Hiroki	(11) EP3019137	C11D 3/50
MATSUMOTO, Yoshihiko	(21) EP14822301.9	(11) EP2872118
(74) J.M.H. Duyver lic.	(22) 11.07.2014	(21) EP13817113.7
(31) 2014038855	(54) HUFF COUGH SIMULATION DEVICE	(22) 11.07.2013
(32) 28.02.2014	(73) Trudell Medical International	(54) HYDROGEL FRAGRANCE CAPSULE, FORMULATIONS AND PROCESS FOR PREPARING THE SAME
(33) Japan	(72) COSTELLA, Stephen	(73) International Flavors & Fragrances Inc.
(47) 27.02.2019	MEYER, Adam	(72) LEI, Yabin
(51) A61F 13/15	SCARROTT, Peter	LU, Xihua
A61F 13/49	(74) ir. M.F.J.M. Ketelaars c.s.	JOYCE, Carol
A61F 13/53	(31) 201361845689 P	XU, Li
B29C 65/08	(32) 12.07.2013	(74) ir. W.J.J.M. Kempes
(11) EP2870951	(33) United States of America	(31) 201261671258 P
(21) EP13813502.5	(47) 06.02.2019	(32) 13.07.2012
(22) 13.06.2013	(51) A61K 8/19	(33) United States of America
(54) ULTRASONIC BONDING METHOD FOR ABSORBENT ARTICLE, ULTRASONIC BONDING DEVICE FOR ABSORBENT ARTICLE, AND ABSORBENT ARTICLE	A61K 8/11	(47) 26.12.2018
(73) Zuiko Corporation	A61K 8/14	(51) A61K 9/00
(72) NAKAKADO, Masaki	A61K 8/02	A61K 31/465
(74) ir. M.F.J.M. Ketelaars c.s.	A61Q 19/00	A61P 25/34
(31) 2012150140	A61K 33/24	A61K 47/61
(32) 04.07.2012	A61N 5/06	A61K 9/14
(33) Japan	(11) EP3210591	(11) EP1617823
(47) 30.01.2019	(21) EP17167546.5	(21) EP04704787.3
(51) A61F 13/15	(22) 26.08.2011	(22) 23.01.2004
A61F 13/49	(54) COMPOSITIONS AND METHODS FOR TARGETED THERMOMODULATION	(54) A POUCH COMPRISING A NICOTINE COMPOSITION FOR TRANSMUCOSAL DELIVERY
B31F 1/00	(73) Sienna Biopharmaceuticals, Inc.	(73) Nicachet AB
B65H 23/32	(72) HARRIS, Todd James	(72) JONSSON, Ingemar
(11) EP3037078	CHEN, Alice Ann	LIDGARD, Hans, Henrik
(21) EP14847037.0	(74) dr. A. Krebs	PLYM FORSHELL, Gustaf
(22) 22.09.2014	(31) 402305 P	(74) mr. ir. J. van Breda c.s.
(54) DEVICE FOR PRODUCING DISPOSABLE WEARABLE ARTICLE AND METHOD FOR PRODUCING DISPOSABLE WEARABLE ARTICLE	201161516308 P	(31) 0300187
(73) Zuiko Corporation	(32) 27.08.2010	456474 P
(72) WADA, Takao	13.12.2010	0302947
(74) ir. J.C. Volmer c.s.	01.04.2011	(32) 24.01.2003
(31) 2013203040	(33) United States of America	24.03.2003
2013203041	United States of America	07.11.2003
2013203042	United States of America	(33) Sweden
(32) 30.09.2013	(47) 02.01.2019	United States of America
30.09.2013	(51) A61K 8/20	Sweden
30.09.2013	A61K 8/34	(47) 09.01.2019
(33) Japan	A61K 8/39	(51) A61K 9/06
	A61Q 15/00	A61K 33/30
	(11) EP3226827	A61P 31/22
	(21) EP15812897.5	A61P 17/16
	(22) 01.12.2015	

- A61K 8/27
 (11) EP1589941
 (21) EP04706387.0
 (22) 29.01.2004
 (54) COMPOSITION FOR PREVENTIVE TREATMENT OF COLD SORES
 (73) Laboratory PM B.V.
 (72) HARTMAN, Gerrit, Egbert
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 1022532
 (32) 30.01.2003
 (33) Netherlands
 (47) 27.02.2019
-
- (51) A61K 9/08
 A61K 9/19
 A61K 47/02
 A61K 47/20
 A61K 38/26
 A61P 5/48
 (11) EP3102184
 (21) EP15706976.6
 (22) 06.02.2015
 (54) STABLE PEPTIDE FORMULATIONS AND METHODS FOR PREPARATION
 (73) Xeris Pharmaceuticals, Inc.
 (72) PRESTRELSKI, Steven
 DONOVAN, Martin
 (74) ir. C.M. Jansen c.s.
 (31) 201461936675 P
 (32) 06.02.2014
 (33) United States of America
 (47) 30.01.2019
-
- (51) A61K 9/08
 A61K 38/47
 C07K 16/06
 A61K 39/395
 A61K 9/00
 A61K 47/10
 A61K 47/18
 A61K 47/34
 C12N 9/26
 C12N 9/96
 (11) EP2914246
 (21) EP13852009.3
 (22) 05.08.2013
 (54) STABILIZER FOR HYALURONIDASE AND LIQUID FORMULATION COMPRISING HYALURONIDASE
 (73) BMI Korea Co. Ltd
 (72) WOO, Koo
 KIM, Ha-Na
 BAIK, Yeong-Jun
 LEE, Sung-Hee
 (74) dr. W.A.H.M. Van Borm
 (31) 20120124064
 (32) 05.11.2012
 (33) Korea (Republic)
 (47) 06.03.2019
-
- (51) A61K 9/127
 A61K 9/19
 A61K 38/17
 A61K 31/7088
 A61N 5/10
 A61K 38/42
 A61K 31/715
 B65D 25/00
 A61K 41/00
 A61K 38/16
- A61K 31/713
 (11) EP2661275
 (21) EP12732165.1
 (22) 09.01.2012
 (54) COMPOSITIONS AND METHODS FOR DELIVERY OF HIGH-AFFINITY OXYGEN BINDING AGENTS TO TUMORS
 (73) Poseida Therapeutics, Inc.
 (72) GHOROGHCHIAN, P. Peter
 (74) dr. A. Krebs
 (31) 201161430628 P
 201161435886 P
 (32) 07.01.2011
 25.01.2011
 (33) United States of America
 United States of America
 (47) 02.01.2019
-
- (51) A61K 9/127
 A61K 39/00
 A61K 48/00
 (11) EP2830593
 (21) EP13713356.7
 (22) 25.03.2013
 (54) RNA FORMULATION FOR IMMUNOTHERAPY
 (73) TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
 BioNTech RNA Pharmaceuticals GmbH
 (72) SAHIN, Ugur
 HAAS, Heinrich
 KREITER, Sebastian
 DIKEN, Mustafa
 FRITZ, Daniel
 MENG, Martin
 KRANZ, Lena, Mareen
 REUTER, Kerstin
 (74) dr. A. Krebs
 (31) PCT/EP2012/001319
 (32) 26.03.2012
 (33) World Intellectual Property Office (WIPO)
 (47) 27.02.2019
-
- (51) A61K 9/14
 A61K 31/47
 A61P 19/10
 A61P 19/00
 A61P 43/00
 A61K 45/06
 A61K 31/44
 (11) EP2464337
 (21) EP10708442.8
 (22) 18.02.2010
 (54) Tablet formulation of N-[2,4-bis(1,1-dimethylethyl)-5-hydroxyphenyl]-1,4-dihydro-4-oxoquinoline-3-carboxamide for use in the treatment of cystic fibrosis
 (73) Vertex Pharmaceuticals Incorporated
 (72) ROWE, William
 HURTER, Patricia
 YOUNG, Christopher, R.
 DINEHART, Kirk
 VERWIJS, Marinus, Jacobus
 OVERHOFF, Kirk
 GROOTENHUIS, Peter, D. J.
 BOTFIELD, Martyn
 GROSSI, Alfredo
 ZLOKARNIK, Gregor
- VAN GOOR, Fredrick F.
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) PCT/US2009/000462
 583066
 (32) 13.08.2009
 13.08.2009
 (33) World Intellectual Property Office (WIPO)
 United States of America
 (47) 09.01.2019
-
- (51) A61K 9/16
 B01D 9/00
 C30B 11/02
 C30B 29/54
 (11) EP3046546
 (21) EP14772421.5
 (22) 16.09.2014
 (54) SYNTHESIS AND PARTICLE ENGINEERING OF COCRYSTALS
 (73) Hovione Holding Limited
 (72) DUARTE, Iris
 PEREIRA, Maria José
 PADRELA, Luis
 TEMTEM, Márcio
 (74) ir. P.J. Hylarides c.s.
 (31) 10716613
 (32) 16.09.2013
 (33) Portugal
 (47) 02.01.2019
-
- (51) A61K 9/51
 A23J 1/20
 B82Y 40/00
 A61K 31/353
 B82Y 5/00
 B82Y 30/00
 A61K 9/52
 A23P 10/30
 (11) EP2698341
 (21) EP12770963.2
 (22) 13.04.2012
 (54) CONTINUOUS METHOD FOR PRODUCING NANOPARTICLES AND NANOPARTICLES OBTAINED BY MEANS OF SAID METHOD
 (73) Universidad De Antioquia
 (72) YEPES CASANOVA, Herley
 HIGUITA GONZALES, Lina Paola
 (74) ir. A.R. Aalbers
 (31) 11047523
 (32) 15.04.2011
 (33) Colombia
 (47) 02.01.2019
-
- (51) A61K 9/51
 A61K 47/18
 A61K 47/12
 A61K 47/26
 A61K 9/19
 A61K 38/13
 A61K 45/06
 A61K 31/337
 (11) EP1931321
 (21) EP06813980.7
 (22) 30.08.2006
 (54) COMPOSITIONS COMPRISING POORLY WATER SOLUBLE PHARMACEUTICAL AGENTS AND ANTIMICROBIAL AGENTS
 (73) Abraxis BioScience, LLC
 (72) DESAI, Neil P.

SELVARAJ, Raj	(73) Vanderbilt University	(74) ir. M.F.J.M. Ketelaars c.s.
YANG, Andrew	(72) SUMMAR, Marshall, L.	(31) 366515 P
SOON-SHIONG, Patrick M.D.	BARR, Frederick, E.	438450 P
(74) J.M.H. Duyver lic.	FIKE, Candice, D.	(32) 20.03.2002
(31) 712865 P	ASCHNER, Judy, L.	07.01.2003
736962 P	(74) mr. ir. J. van Breda c.s.	(33) United States of America
736931 P	(31) 25157	United States of America
(32) 31.08.2005	(32) 31.01.2008	(47) 16.01.2019
14.11.2005	(33) United States of America	(51) A61K 31/7088
14.11.2005	(47) 09.01.2019	A61K 38/00
(33) United States of America	(51) A61K 31/205	C07K 14/705
United States of America	A23K 20/174	C07K 14/82
United States of America	A23K 50/40	C07K 16/30
(47) 26.12.2018	(11) EP1104247	C07K 14/47
(51) A61K 31/00	(21) EP99933532.6	G01N 33/564
A61K 31/497	(22) 22.06.1999	A61K 39/00
A61K 31/4162	(54) PROCESS AND PRODUCT FOR	A61N 5/10
C12Q 1/6886	PROMOTING WEIGHT LOSS IN	A61K 39/39
G01N 33/574	OVERWEIGHT DOGS	A61K 45/06
A61P 35/00	(73) IAMS Europe B.V.	C07K 14/00
A61K 31/52	(72) SUNVOLD, Gregory, Dean	A61K 39/395
(11) EP2825161	TETRICK, Mark, Alan	G01N 33/574
(21) EP13711265.2	DAVENPORT, Gary, Mitchell	C07K 16/28
(22) 12.03.2013	(74) mr. ir. J. van Breda c.s.	(11) EP2769729
(54) INHIBITORS OF HUMAN EZH2, AND	(31) 90882 P	(21) EP14162019.5
METHODS OF USE THEREOF	(32) 26.06.1998	(22) 03.09.2008
(73) Epizyme, Inc.	(33) United States of America	(54) Polypeptides and polynucleotides, and uses
(72) KUNTZ, Kevin, Wayne	(47) 09.01.2019	thereof as a drug target for producing drugs
KNUTSON, Sarah, Kathleen	(51) A61K 31/375	and biologics
WIGLE, Timothy James, Nelson	A61K 31/185	(73) Compugen Ltd.
(74) ir. M.F.J.M. Ketelaars c.s.	A61K 31/4402	(72) Levine, Zurit
(31) 201213418242	A61K 33/08	Rosenberg, Avi
(32) 12.03.2012	A61K 9/20	Rotman, Galit
(33) United States of America	A61K 9/26	Novik, Amit
(47) 02.01.2019	A61K 9/28	Toporik, Amir
(51) A61K 31/192	A61P 1/10	Kinar, Yaron
A61K 31/4192	(11) EP2877163	Nemzer, Sergey
A61K 31/4425	(21) EP13822195.7	Koifman, Cynthia
A61K 31/196	(22) 26.07.2013	Beiman, Merav
A61K 31/42	(54) FORMULATIONS AND METHODS OF	Dassa, Liat
A61K 31/5377	MANUFACTURING FORMULATIONS	Walach, Shira
A61P 29/00	FOR USE IN COLONIC EVACUATION	Montia, Eve
A61P 27/02	(73) Redhill Biopharma Ltd.	Sameach-Greenwald, Shirley
A61P 27/14	(72) FATHI, Reza	Pergam, Tania
(11) EP2642989	MCLEAN, Patrick, Laughlin	Milo, Dalit
(21) EP11843788.8	(74) ir. F.A. Geurts c.s.	Cohen-Dayag, Anat
(22) 10.11.2011	(31) 201261676608 P	Levy, Ofer
(54) METHODS OF TREATING EYE	(32) 27.07.2012	Bubis, Marina
DISEASES ASSOCIATED WITH	(33) United States of America	(74) ir. W.J.J.M. Kempes
INFLAMMATION AND VASCULAR	(47) 20.03.2019	(31) 969865 P
PROLIFERATION	(51) A61K 31/4035	969799 P
(73) OccuRx Pty Ltd	C07D 209/48	969780 P
(72) KELLY, Darren James	A61P 35/00	969806 P
STAPLETON, David	C07C 317/28	969769 P
(74) J.M.H. Duyver lic.	(11) EP2962690	969788 P
(31) 2010905197	(21) EP15177140.9	(32) 04.09.2007
(32) 24.11.2010	(22) 20.03.2003	04.09.2007
(33) Australia	(54) (+)-2-[1-(3-ETHOXY-4-	04.09.2007
(47) 02.01.2019	METHOXYPHENYL)-2-	04.09.2007
(51) A61K 31/198	METHYLSULFONYLETHYL]-4-	04.09.2007
A61K 38/00	ACETYLAMINOISOINDOLINE-1,3-	04.09.2007
A61P 11/00	DIONE: METHODS OF USING AND	(33) United States of America
A61P 9/12	COMPOSITIONS THEREOF	United States of America
(11) EP2247297	(73) Celgene Corporation	United States of America
(21) EP09707788.7	(72) SCHAFER, Peter H.	United States of America
(22) 02.02.2009	MULLER, George W.	United States of America
(54) THERAPEUTIC TREATMENT FOR LUNG	MAN, Hon-Wah	United States of America
CONDITIONS	GE, Chuansheng	(47) 09.01.2019

(51) A61K 33/06 C07F 3/00	04.04.2012 23.08.2012	(74) dr. A. Krebs (31) 201222455
(11) EP1660103	(33) Australia	(32) 13.12.2012
(21) EP04780786.2	Australia	(33) United Kingdom
(22) 12.08.2004	Australia	(47) 06.02.2019
(54) ENHANCEMENT OF MAGNESIUM UPTAKE IN MAMMALS	(47) 20.03.2019	(51) A61K 38/10
(73) Perque, Inc.	(51) A61K 35/50	A61P 25/22
(72) JAFFE, Russell, M.	A61K 35/17	A61P 25/24
(74) ir. W.J.J.M. Kempes	C12N 5/0783	(11) EP2985032
(31) 641291	(11) EP2783692	(21) EP15171991.1
(32) 15.08.2003	(21) EP13188706.9	(22) 05.10.2010
(33) United States of America	(22) 29.09.2008	(54) GLYX FOR USE IN THE TREATMENT OF ALZHEIMER'S DISEASE, PARKINSON'S DISEASE OR HUNTINGTON'S DISEASE
(47) 26.12.2018	(54) TUMOR SUPPRESSION USING HUMAN PLACENTAL PERFUSATE AND HUMAN PLACENTA-DERIVED INTERMEDIATE NATURAL KILLER CELLS	(73) Northwestern University
(51) A61K 35/12	(73) Celularity, Inc.	(72) MOSKAL, Joseph
A61K 33/42	(72) ZHANG, Xiaokui	(74) mr.ir. F.N. Ferro
A61P 19/00	VOSKINARIAN-BERSE, Vanessa A.	(31) 248650 P
(11) EP2498788	KANG, Lin	(32) 05.10.2009
(21) EP10817754.4	PADLINA, Neerav Dilip	(33) United States of America
(22) 15.09.2010	(74) J.M.H. Duyver lic.	(47) 02.01.2019
(54) BONE SUBSTITUTE COMPOSITIONS, METHODS OF PREPARATION AND CLINICAL APPLICATIONS	(31) 995763 P	(51) A61K 38/25
(73) University of Pittsburgh - Of the Commonwealth System of Higher Education	90555 P	A61K 38/16
(72) KUMTA, Prashant N.	(32) 28.09.2007	A61K 38/00
SFEIR, Charles S.	20.08.2008	(11) EP2934565
ROY, Abhijit	(33) United States of America	(21) EP13865268.0
(74) ir. F.A. Geurts c.s.	United States of America	(22) 23.12.2013
(31) 242596 P	(47) 02.01.2019	(54) GHRH AGONISTS FOR THE TREATMENT OF ISCHEMIC DISORDERS
(32) 15.09.2009	(51) A61K 36/61	(73) University of Miami
(33) United States of America	A61K 36/54	U.S. Government represented by the Department of Veterans Affairs
(47) 09.01.2019	A61K 36/534	(72) SCHALLY, Andrew, V.
(51) A61K 35/34	A61K 36/48	HARE, Joshua, M.
C12N 5/077	A61K 31/045	BLOCK, Norman, L.
(11) EP3183337	A61P 17/16	GOMES, Samirah, A.
(21) EP15759585.1	A61P 27/02	KANASHIRO-TAKEUCHI, Rosemeire, M.
(22) 21.08.2015	A61Q 19/00	(74) dr. W.A.H.M. Van Borm
(54) USE OF JAGGED 1/FRIZZLED 4 AS A CELL SURFACE MARKER FOR ISOLATING HUMAN CARDIAC VENTRICULAR PROGENITOR CELLS	A61Q 19/08	(31) 201261745051 P
(73) Procella Therapeutics AB	A61K 8/97	201361892963 P
(72) CHIEN, Kenneth R.	(11) EP2985030	(32) 21.12.2012
LIAN, Xiaojun	(21) EP14782559.0	18.10.2013
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 21.02.2014	(33) United States of America
(31) 201462040892 P	(54) EYE-REFRESHING AGENT TO ELIMINATE AND ALLEVIATE EYE FATIGUE AND DISCOMFORT	United States of America
201562194016 P	(73) Wei, Jianxue	(47) 13.03.2019
(32) 22.08.2014	Shaanxi LiangDi biotechnology Co., Ltd.	(51) A61K 39/00
17.07.2015	(72) JIANXUE Wei	A61P 3/06
(33) United States of America	(74) drs. C.M.A. Quintelier	A61P 9/00
United States of America	(31) 201310120236	C07K 16/40
(47) 06.02.2019	(32) 08.04.2013	(11) EP3110439
(51) A61K 35/35	(33) China	(21) EP15714770.3
(11) EP2744892	(47) 13.02.2019	(22) 23.02.2015
(21) EP12833860.5	(51) A61K 38/03	(54) PCSK9 VACCINES
(22) 21.09.2012	A61K 38/13	(73) Affiris AG
(54) THERAPEUTICS USING ADIPOSE CELLS AND CELL SECRETIONS	A61K 31/355	(72) GALABOVA, Gergana
(73) Cell Ideas Pty Ltd.	A61P 1/02	STAFFLER, Günther
(72) VESEY, Graham	A61K 47/34	BRUNNER, Sylvia
WEBSTER, Rebecca Anne	(11) EP2931299	WINSAUER, Gabriele
LILISCHKIS, Richard	(21) EP13808188.0	MAIRHOFER, Andreas
(74) drs. C.M.A. Quintelier	(22) 13.12.2013	JUNO, Claudia
(31) 2011903938	(54) NOVEL PHARMACEUTICAL FORMULATIONS AND THEIR USE IN THE TREATMENT OF PERIODONTAL DISEASE	(74) ir. J.C. Volmer c.s.
2012901350	(73) PerioC Ltd	(31) 14157221
2012903646	(72) KISSEL, Thomas	(32) 28.02.2014
(32) 23.09.2011	MAK, Ching Pong	(33) European Patent Office (EPO)
		(47) 27.03.2019
		(51) A61K 39/00
		C07K 14/47

(11) EP2638055	30.01.2014	(22) 31.01.2012
(21) EP11839215.8	(33) United States of America	(54) NOVEL USE OF MALTOTRIOSYL
(22) 14.11.2011	United States of America	TRANSFERASE
(54) CONSENSUS PROSTATE ANTIGENS	United States of America	(73) Amano Enzyme Inc.
NUCLEIC ACID MOLECULE ENCODING	(47) 27.02.2019	(72) OKADA Masamichi
THE SAME AND VACCINE AND USES	(51) A61K 39/395	YAMAGUCHI Shotaro
COMPRISING THE SAME	A61P 17/06	(74) J.M.H. Duyver lic.
(73) The Trustees Of The University Of	A61P 25/00	(31) 2011023281
Pennsylvania	A61P 35/00	2011162973
Inovio Pharmaceuticals, Inc.	C07K 16/30	(32) 04.02.2011
(72) WEINER, David, B	(11) EP2892562	26.07.2011
YAN, Jian	(21) EP13836030.0	(33) Japan
FERRARO, Bernadette	(22) 09.09.2013	Japan
SARDESAI, Niranjana, Y	(54) ANTI-MCAM ANTIBODIES AND	(47) 27.02.2019
RAMANATHAN, Mathura, P	ASSOCIATED METHODS OF USE	(51) A61K 45/06
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Prothema Biosciences Limited	A61K 45/00
(31) 417817 P	(72) FLANAGAN, Kenneth	A61K 31/192
413176 P	BAKER, Jeanne	A61K 31/196
(32) 29.11.2010	YEDNOCK, Theodore A.	A61K 31/341
12.11.2010	(74) dr. W.A.H.M. Van Borm	A61K 31/381
(33) United States of America	(31) 201261698916 P	A61K 31/40
United States of America	201261797179 P	A61K 31/402
(47) 09.01.2019	201261797356 P	A61K 31/4025
(51) A61K 39/02	(32) 10.09.2012	A61K 31/404
A61K 39/108	30.11.2012	A61K 31/4418
A61K 39/114	05.12.2012	A61K 31/445
A61P 15/00	(33) United States of America	A61K 31/4525
A61P 29/00	United States of America	A61K 31/47
C12N 1/20	United States of America	A61K 31/4709
(11) EP2925353	(47) 06.03.2019	A61K 31/495
(21) EP13858593.0	(51) A61K 39/395	A61K 31/506
(22) 08.10.2013	A61P 35/00	A61P 7/00
(54) VACCINE FOR INTRAUTERINE	C07K 16/32	A61P 35/00
DISEASE	(11) EP2575880	A61P 43/00
(73) Cornell University	(21) EP11723427.8	(11) EP2990057
(72) BICALHO, Rodrigo Carvalho	(22) 27.05.2011	(21) EP14785000.2
GILBERT, Robert Owen	(54) MONOCLONAL ANTIBODIES AGAINST	(22) 15.04.2014
MACHADO, Vinicius	HER2 EPI TOPE	(54) PAI-1 INHIBITOR FOR USE IN
BICALHO, Marcela	(73) Genmab A/S	ENHANCING THE ANTITUMOR EFFECT
(74) dr. W.A.H.M. Van Borm	(72) GOEIJ, Bart de	OF AN ANTITUMOR AGENT IN A
(31) 201261731333 P	BRINK, Edward N. van den	PATIENT
(32) 29.11.2012	HAIJ, Simone	(73) Renascience Co., Ltd.
(33) United States of America	RIEDL, Thilo	(72) ANDO, Kiyoshi
(47) 13.03.2019	HOET, René	YAHATA, Takashi
(51) A61K 39/395	BAADSGAARD, Ole	MIYATA, Toshio
A61K 45/06	SATIJN, David	(74) ir. J.C. Volmer c.s.
A61K 31/337	WINKEL, Jan van de	(31) 2013085313
A61K 33/24	PARREN, Paul	2013261452
C07K 16/28	(74) ir. F.A. Geurts c.s.	(32) 15.04.2013
A61K 31/513	(31) 349182 P	18.12.2013
A61K 39/00	201000468	(33) Japan
(11) EP3027651	(32) 27.05.2010	Japan
(21) EP14752705.5	27.05.2010	(47) 20.03.2019
(22) 31.07.2014	(33) United States of America	(51) A61K 47/38
(54) AFUCOSYLATED ANTI-FGFR2IIIB	Denmark	A61K 47/36
ANTIBODIES	(47) 16.01.2019	A61K 47/30
(73) Five Prime Therapeutics, Inc.	(51) A61K 39/395	A61K 9/12
(72) HARDING, Thomas	A61P 35/02	A61M 11/02
PIERCE, Kristen	C12N 9/10	A61L 24/00
PATIL, Namrata	C12P 19/18	A61L 26/00
BRENNAN, Thomas	C12N 15/09	A61L 24/08
HAMBLETON, Julie	A23L 7/10	(11) EP2498820
(74) ir. W.J.J.M. Kempes	A23L 7/104	(21) EP10830878.4
(31) 201361861198 P	A23L 7/109	(22) 15.11.2010
201361901732 P	A21D 8/04	(54) ADVANCED FUNCTIONAL
201461933632 P	C07H 15/04	BIOCOMPATIBLE FOAM USED
(32) 01.08.2013	(11) EP2671456	AS A HEMOSTATIC AGENT FOR
08.11.2013	(21) EP12741768.1	

COMPRESSIBLE AND NON-COMPRESSIBLE ACUTE WOUNDS	(47) 02.01.2019	(72) EL-HIBRI, Mohammad Jamal
(73) University of Maryland, College Park	(51) A61K 47/69	BALENO, Brian
(72) DOWLING, Matthew	A61P 3/10	MALJKOVIC, Nikica
RAGHAVAN, Srinivasa R.	(11) EP2579898	SHEMPER, Bianca S.
(74) ir. W.J.J.M. Kempes	(21) EP11728365.5	(74) ir. W.J.J.M. Kempes
(31) 261194 P	(22) 10.06.2011	(31) 981874 P
(32) 13.11.2009	(54) PEPTIDE-CARRYING NANOPARTICLES	982193 P
(33) United States of America	(73) Midatech Ltd.	206825
(47) 09.01.2019	(72) RADEMACHER, Thomas	(32) 23.10.2007
(51) A61K 47/59	WILLIAMS, Phillip	24.10.2007
A61K 47/60	BACHMANN, Christof	09.09.2008
A61K 47/68	BARRIENTOS, Africa, Garcia	(33) United States of America
A61P 35/00	DOMINGUEZ, Ester de Torres	United States of America
(11) EP1689443	MENOYO, Javier del Campo	United States of America
(21) EP04813049.6	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 02.01.2019
(22) 03.12.2004	(31) 353380 P	(51) A61M 1/10
(54) POLYMALIC ACID-BASED MULTIFUNCTIONAL DRUG DELIVERY SYSTEM	(32) 10.06.2010	F04D 7/04
(73) ARROGENE, INC.	(33) United States of America	F04D 13/02
Cedars-Sinai Medical Center	(47) 09.01.2019	F04D 29/42
(72) LJUBIMOVA, Julia, Y.	(51) A61L 2/14	F04D 29/60
BLACK, Keith, L.	H05H 1/24	F04D 29/046
HOLLER, Eggehard	(11) EP3057622	F04D 29/66
(74) dr. A. Krebs	(21) EP14787031.5	F04D 29/68
(31) 527330 P	(22) 15.10.2014	(11) EP3195887
(32) 05.12.2003	(54) PLASMA TREATMENT SYSTEM FOR RIGID CONTAINERS	(21) EP15841663.6
(33) United States of America	(73) Anacail Limited	(22) 21.08.2015
(47) 13.03.2019	(72) POTTS, Hugh	(54) CENTRIFUGAL PUMP
(51) A61K 47/64	DIVER, Declan	(73) Terumo Kabushiki Kaisha
A61K 51/08	(74) dr. A. Krebs	(72) TANAKA, Shotaro
A61K 51/10	(31) 201318237	ITAMOCHI, Yosuke
A61P 35/00	(32) 15.10.2013	(74) J.M.H. Duyver lic.
(11) EP2928502	(33) United Kingdom	(31) 2014191808
(21) EP13802328.8	(47) 20.02.2019	(32) 19.09.2014
(22) 04.12.2013	(51) A61L 24/00	(33) Japan
(54) CONJUGATES OF PROTEINS AND MULTIVALENT CELL-PENETRATING PEPTIDES AND THEIR USES	A61L 24/04	(47) 27.02.2019
(73) Ruprecht-Karls-Universität Heidelberg	A61L 24/08	(51) A61M 1/16
(72) STRIEKER, Matthias	A61L 26/00	(11) EP3116563
MIER, Walter	(11) EP3261683	(21) EP15709507.6
HABERKORN, Uwe	(21) EP16706590.3	(22) 13.03.2015
(74) ir. C.M. Jansen c.s.	(22) 25.02.2016	(54) FLUID CASSETTE HAVING A TILT-TOLERANT CENTERING LOCKING, AND BLOOD TREATMENT DEVICE
(31) 201261733619 P	(54) TOPICAL COMPOSITION FOR THE TREATMENT OF MUCOSAL LESIONS	(73) Fresenius Medical Care Deutschland GmbH
(32) 05.12.2012	(73) Fundació Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol	(72) LAUER, Martin
(33) United States of America	Centro de Investigación Biomédica en Red (CIBER)	(74) ir. C.M. Jansen c.s.
(47) 23.01.2019	(72) LORENZO-ZUÑIGA GARCÍA, Vicente	(31) 102014103492
(51) A61K 47/68	María	(32) 14.03.2014
A61K 39/12	BARTOLÍ SOLÉ, Ramon	(33) Germany
A61K 47/65	BOIX VALVERDE, Jaume	(47) 16.01.2019
A61P 37/00	(74) J.M.H. Duyver lic.	(51) A61M 5/20
A61P 35/00	(31) 15382080	A61M 5/315
(11) EP3138581	(32) 26.02.2015	A61M 5/32
(21) EP16191609.3	(33) European Patent Office (EPO)	(11) EP3310413
(22) 15.03.2012	(47) 02.01.2019	(21) EP16725160.2
(54) RE-DIRECTED IMMUNOTHERAPY	(51) A61L 29/04	(22) 27.05.2016
(73) The University of Birmingham	A61L 29/06	(54) MEDICAMENT DELIVERY DEVICE
(72) Cobbold,, Mark	A61L 29/08	(73) SHL Medical AG
Millar,, David	A61L 31/04	(72) STEFANOV, Slobodan
(74) dr. W.A.H.M. Van Borm	A61L 31/06	(31) 1550857
(31) 201104514	A61L 31/10	(32) 19.06.2015
201203434	(11) EP2205289	(33) Sweden
(32) 17.03.2011	(21) EP08841906.4	(47) 13.02.2019
28.02.2012	(22) 23.10.2008	(51) A61M 5/315
(33) United Kingdom	(54) MEDICAL TUBINGS MADE OF A POLYMER MATERIAL	(11) EP2575937
United Kingdom	(73) Solvay Specialty Polymers USA, LLC.	(21) EP11790076.1
		(22) 09.05.2011
		(54) MEDICAMENT DELIVERY DEVICE
		(73) SHL Group AB

(72) CHEUNG, Kenny Kai Fung	(73) Cho, Yong Il	van Groningen, David
(31) 350994 P	(72) Cho, Yong Il	van Velthoven, Ad
1050563	(74) ir. P.J. Hylarides c.s.	(74) ir. M.F.J.M. Ketelaars c.s.
(32) 03.06.2010	(47) 09.01.2019	(47) 27.02.2019
03.06.2010	(51) A61M 15/00	(51) A61M 25/01
(33) United States of America	(11) EP3180061	A61B 34/37
Sweden	(21) EP15749877.5	B25J 9/16
(47) 06.02.2019	(22) 11.08.2015	(11) EP2488245
(51) A61M 5/315	(54) END FITTING FOR DISPOSABLE	(21) EP10823904.7
A61M 5/24	SPACER	(22) 11.10.2010
A61M 5/31	(73) CLEMENT CLARKE INTERNATIONAL	(54) CATHETER SYSTEM WITH
(11) EP2709697	LIMITED	PERCUTANEOUS DEVICE MOVEMENT
(21) EP11865688.3	(72) BRUIN, Ronald	ALGORITHM
(22) 19.05.2011	SANDERS, Mark	(73) Corindus, Inc.
(54) INJECTION DEVICE WITH PLURAL	(74) ir. M.F.J.M. Ketelaars c.s.	(72) BROMANDER, Thomas
DOSAGE SETTING WINDOWS	(31) 201414349	HANDLER, David
(73) Becton, Dickinson and Company	201505048	WENDEROW, Tal
(72) PALA, Trivikrama	(32) 13.08.2014	(74) J.M.H. Duyver lic.
(74) ir. C.M. Jansen c.s.	25.03.2015	(31) 250739 P
(47) 06.03.2019	(33) United Kingdom	(32) 12.10.2009
(51) A61M 5/32	United Kingdom	(33) United States of America
A61M 5/20	(47) 09.01.2019	(47) 20.02.2019
A61M 5/28	(51) A61M 16/04	(51) A61M 25/10
A61M 5/31	A61M 25/10	(11) EP2822633
B65B 3/00	A61M 31/00	(21) EP13716873.8
B65B 7/16	A61K 31/02	(22) 08.03.2013
(11) EP2922588	A61F 7/00	(54) PARISON FOR FORMING BLOW
(21) EP13811395.6	A61M 11/04	MOLDED MEDICAL BALLOON WITH
(22) 25.11.2013	A61M 11/06	MODIFIED PORTION, MEDICAL
(54) AUTO-INJECTOR ASSEMBLY	A61M 19/00	BALLOON, AND RELATED METHODS
(73) New Injection Systems Ltd	A61M 16/00	(73) Clearstream Technologies Limited
(72) DUNNE, Stephen	A61M 15/08	(72) FILLMORE, Paul
(74) ir. C.M. Jansen c.s.	A61F 7/12	RONAN, Allan
(31) 201221086	A61M 25/00	RYAN, Eoin
201222426	A61M 11/02	SCHAFFER, Andrew
201304392	A61M 16/06	(74) mr.ir. F.N. Ferro
201306062	(11) EP1888156	(31) 2008445
201306382	(21) EP06759774.0	201261608908 P
(32) 23.11.2012	(22) 11.05.2006	(32) 09.03.2012
13.12.2012	(54) DEVICES FOR NON-INVASIVE	09.03.2012
12.03.2013	CEREBRAL AND SYSTEMIC COOLING	(33) Netherlands
04.04.2013	(73) BrainCool AB	United States of America
09.04.2013	(72) BARBUT, Denise	(47) 06.02.2019
(33) United Kingdom	ROZENBERG, Allan	(51) A61M 39/22
United Kingdom	HOFFMAN, John, K.	F16K 11/076
United Kingdom	SHAFFER, Thomas H	F16K 11/083
United Kingdom	(74) mr. ir. J. van Breda c.s.	F16K 11/085
United Kingdom	(31) 681068 P	(11) EP3191168
(47) 06.02.2019	717590 P	(21) EP14766143.3
(51) A61M 5/44	737025 P	(22) 10.09.2014
A61M 1/36	432285	(54) VALVE FOR ADMINISTRATION OF
F24H 1/14	(32) 13.05.2005	MULTIPLE DRUG FLUIDS
F24H 9/20	16.09.2005	(73) CYTO365 AB
H05B 3/06	15.11.2005	(72) TÖRNBLÖM, Micael
A61F 7/12	10.05.2006	(74) ir. M.F.J.M. Ketelaars c.s.
H05B 3/28	(33) United States of America	(47) 02.01.2019
H05B 3/04	United States of America	(51) A61N 1/04
H05B 3/00	United States of America	A61N 1/05
H05B 3/26	United States of America	A61N 1/08
H05B 3/22	(47) 09.01.2019	(11) EP2983778
A61F 7/00	(51) A61M 25/00	(21) EP14780387.8
F24H 1/12	A61M 25/01	(22) 12.03.2014
(11) EP2959932	(11) EP2823845	(54) MRI COMPATIBLE ELECTRODE
(21) EP13875789.3	(21) EP13176283.3	CIRCUIT
(22) 22.02.2013	(22) 12.07.2013	(73) Imricor Medical Systems, Inc.
(54) HEATER MODULE FOR HEATER OF	(54) Male urinary catheter package	(72) LLOYD, Thomas, W.
FLUID INFUSION APPARATUS AND	(73) Curan Medical B.V.	WEDAN, Steven, R.
MANUFACTURING METHOD THEREOF	(72) Tjassens, Nathalie	STENZEL, Gregg, S.

(74) ir. C.M. Jansen c.s.	(22) 28.04.2015	A63B 23/035
(31) 201313836287	(54) LEADLESS CARDIAC PACEMAKER	A63B 1/00
(32) 15.03.2013	WITH RETRIEVAL FEATURES	A63B 21/005
(33) United States of America	(73) Cardiac Pacemakers, Inc.	A63B 21/055
(47) 16.01.2019	(72) SCHMIDT, Brian, L.	(11) EP3110514
(51) A61N 1/05	HAASL, Benjamin, J.	(21) EP15755118.5
A61N 1/36	EDGELL, John, M.	(22) 27.02.2015
(11) EP2419168	SACHS, Dana	(54) FUNCTIONAL TRAINER EXERCISE
(21) EP10714544.3	(74) ir. H.J.G. Lips c.s.	MACHINE
(22) 16.04.2010	(31) 201461985788 P	(73) Hoist Fitness Systems, Inc.
(54) DEEP BRAIN STIMULATION CURRENT	(32) 29.04.2014	(72) HOCKRIDGE, Bruce
STEERING WITH SPLIT ELECTRODES	(33) United States of America	(74) J.M.H. Duyver lic.
(73) Boston Scientific Neuromodulation	(47) 20.02.2019	(31) 201461946541 P
Corporation	(51) A61N 1/378	(32) 28.02.2014
(72) MOFFITT, Michael, A.	A61N 1/36	(33) United States of America
OLEKSYN, Thomas, A.	A61N 1/05	(47) 30.01.2019
BRADLEY, Kerry	H02J 7/02	(51) A63C 11/10
PETERSON, David, K.I.	A61N 1/372	A63C 5/08
LANE, Courtney	H02J 7/04	B62D 51/04
PIANCA, Anne, Margaret	(11) EP3002039	A63C 11/00
(74) ir. A.R. Aalbers	(21) EP15187912.9	A63C 5/00
(31) 316759 P	(22) 01.10.2015	B62D 51/02
170037 P	(54) MEDICAL ELECTRONIC DEVICE	B62D 55/00
(32) 23.03.2010	(73) GiMer Medical Co., Ltd.	H01M 10/00
16.04.2009	(72) PAN, Jian-Hao	B62D 51/00
(33) United States of America	CHANG, Chi-Heng	B60P 1/04
United States of America	(74) mr. dr. H.D. Dokter	B62D 55/07
(47) 20.02.2019	(31) 103217436	H01M 10/06
(51) A61N 1/36	(32) 01.10.2014	H01M 10/625
(11) EP3197545	(33) Taiwan, Province of China	H01M 10/6561
(21) EP15775547.1	(47) 09.01.2019	(11) EP2908918
(22) 22.09.2015	(51) A61P 25/04	(21) EP12886660.5
(54) SYSTEMS FOR PROVIDING THERAPY	A61K 31/137	(22) 19.10.2012
USING ELECTRICAL STIMULATION TO	(11) EP2735338	(54) COMPACT DRIVE UNIT INCLUDING
DISRUPT NEURONAL ACTIVITY	(21) EP14000597.6	JUXTAPOSED TRACKS
(73) Boston Scientific Neuromodulation	(22) 04.09.2009	(73) Martel, Yvon
Corporation	(54) PHARMACEUTICAL COMBINATION	(72) Martel, Yvon
(72) MOFFITT, Michael, A.	OF 3-(3-DIMETHYLAMINO-1-ETHYL-2-	(74) ir. W.J.J.M. Kempes
CARCIERI, Stephen	METHYL-PROPYL)-PHENOL AND	(47) 09.01.2019
(74) ir. A.R. Aalbers	PREGABALIN OR GABAPENTIN	(51) A63F 13/235
(31) 201462053501 P	(73) Grünenthal GmbH	H04M 11/00
(32) 22.09.2014	(72) Schiene, Klaus	H04W 72/04
(33) United States of America	Bloms-Funke, Petra	A63F 13/215
(47) 23.01.2019	Christoph, Thomas	(11) EP1869809
(51) A61N 1/36	(74) ir. W.J.J.M. Kempes	(21) EP06751796.1
A61N 1/04	(31) 08015625	(22) 28.04.2006
A61B 5/00	(32) 05.09.2008	(54) GAMING CONSOLE WIRELESS
A61B 5/04	(33) European Patent Office (EPO)	PROTOCOL FOR PERIPHERAL DEVICES
A61N 1/08	(47) 06.02.2019	(73) Microsoft Technology Licensing, LLC
(11) EP2968943	(51) A61Q 5/06	(72) LUM, Richard, S.
(21) EP14771130.3	A61K 8/19	GUO, Wei
(22) 12.03.2014	A61K 8/22	GORDON, Gary c/o Microsoft Corp, Int.
(54) SYSTEMS TO REDUCE SENSOR	A61K 8/97	Patents
INTERFERENCE ASSOCIATED WITH	(11) EP3192488	(74) J.M.H. Duyver lic.
ELECTRICAL THERAPIES	(21) EP14893693.3	(31) 126023
(73) Sage Products, LLC	(22) 11.09.2014	(32) 10.05.2005
(72) FAHEY, Brian, J.	(54) HAIR COLORING AGENT AND HAIR	(33) United States of America
MACHOLD, Timothy	DYEING METHOD	(47) 27.02.2019
MALCHANO, Zachary, J.	(73) ICTB Global Co., Ltd.	(51) A63F 13/422
TOM, Curtis	(72) SHIODA, Masataka	A63F 13/577
(74) ir. M.F.J.M. Ketelaars c.s.	(74) J.M.H. Duyver lic.	(11) EP3086868
(31) 201361801002 P	(47) 06.02.2019	(21) EP14827892.2
(32) 15.03.2013	(51) A63B 21/008	(22) 05.12.2014
(33) United States of America	A63B 21/00	(54) PLAYER AVATAR MOVEMENT
(47) 30.01.2019	A63B 21/06	ASSISTANCE IN A VIRTUAL
(51) A61N 1/375	A63B 21/062	ENVIRONMENT
(11) EP3137163	A63B 23/02	(73) Microsoft Technology Licensing, LLC
(21) EP15720249.0	A63B 23/12	(72) EDSALL, Gerald

GOLDBERG, Athomas	(51) B01D 29/64	(47) 20.02.2019
(74) J.M.H. Duyver lic.	B01D 29/84	(51) B01D 61/20
(31) 201314141262	B01D 29/96	B01D 63/08
(32) 26.12.2013	B01D 29/70	(11) EP3238812
(33) United States of America	B01D 29/41	(21) EP17176191.9
(47) 27.02.2019	(11) EP2729228	(22) 28.05.2010
(51) A63H 17/00	(21) EP12737487.4	(54) DISPOSABLE TANGENTIAL FLOW
B60N 2/06	(22) 09.07.2012	FILTRATION LINER WITH SENSOR
B60N 2/08	(54) METHOD TO SEPARATE PARTICLES	MOUNT
B60N 2/38	AND LIQUIDS FROM A SLURRY	(73) EMD Millipore Corporation
B60N 2/00	(73) Brandolisio, Sergio	(72) Morrissey, Martin
(11) EP3195912	(72) Brandolisio, Sergio	Wong, Dennis
(21) EP16001816.4	(74) J.M.H. Duyver lic.	(74) ir. C.M. Jansen c.s.
(22) 18.08.2016	(31) 102011107043	(31) 217323 P
(54) CHILDREN'S VEHICLE	(32) 09.07.2011	(32) 29.05.2009
(73) Franz Schneider GmbH & Co. KG	(33) Germany	(33) United States of America
(72) Rainer, Luther	(47) 26.12.2018	(47) 26.12.2018
(74) ir. P.J. Hylarides c.s.	(51) B01D 33/048	(51) B01F 3/04
(31) 102016000524	(11) EP3003526	A47J 31/40
(32) 21.01.2016	(21) EP14807962.7	A47J 31/46
(33) Germany	(22) 03.06.2014	(11) EP3209170
(47) 26.12.2018	(54) CONTINUOUS BELT SCREEN	(21) EP15788297.8
(51) B01D 3/00	(73) Aqseptence Group Pty Ltd.	(22) 20.10.2015
B01D 3/20	(72) ADAMSON, Grant Christopher	(54) MIXING CHAMBER FOR BEVERAGE
B01D 3/22	VAN SOMEREN, Ross	MACHINE
B01D 3/32	BAILEY, Steven Gregory	(73) Bedford Systems LLC
B01D 11/04	MCINNES, Michael James	(72) GORDON, Jeremy, B.
(11) EP3219371	(74) J.M.H. Duyver lic.	O'NEILL, Charles, Evan
(21) EP17160345.9	(31) 201361830519 P	HEMBER, Miles
(22) 10.03.2017	(32) 03.06.2013	BECKETT, Trevor
(54) COLUMN TRAY FOR THE	(33) United States of America	DUTREMBLE, Thomas, Paul
REACTIVE DISTILLATION OF	(47) 02.01.2019	MASADA, Gwynn
HETEROAZEOTROPE AND PROCESS	(51) B01D 53/04	(74) ir. J.C. Volmer c.s.
USING THE TRAY	B01D 53/06	(31) 201462065948 P
(73) Ineos Solvents Germany GmbH	(11) EP3191212	(32) 20.10.2014
Technische Universität Clausthal	(21) EP15770826.4	(33) United States of America
(72) HOFFMAN, Ulrich	(22) 08.09.2015	(47) 02.01.2019
KUNZ, Ulrich	(54) METHOD AND REGENERATIVE	(51) B01F 7/02
LOHMER, Gunther	SEPARATING APPARATUS FOR	B01F 7/04
SCHNITZLER, Dirk	SEPARATING CONTAMINANTS FROM	B01F 15/00
SCHULER, Joachim	PROCESS EXHAUST AIR	B01F 15/02
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Dürr Systems AG	B08B 7/02
(31) 16160081	(72) HERM, Enrico	B01F 7/00
(32) 14.03.2016	RIEDER, Erhard	A01K 5/00
(33) European Patent Office (EPO)	EICHHORN, Christian	B08B 9/08
(47) 30.01.2019	(74) ir. W.J.J.M. Kempes	B08B 17/02
(51) B01D 5/00	(31) 102014218344	(11) EP3200906
(11) EP2758142	(32) 12.09.2014	(21) EP14799210.1
(21) EP12766813.5	(33) Germany	(22) 30.09.2014
(22) 18.09.2012	(47) 23.01.2019	(54) METHOD OF OPERATING A BATCH
(54) BUBBLE-COLUMN VAPOR MIXTURE	(51) B01D 53/22	MIXER AND BATCH MIXER FOR
CONDENSER	B01D 69/12	PERFORMING THE METHOD
(73) Massachusetts Institute of Technology	B01D 71/02	(73) Andritz Feed & Biofuel A/S
King Fahd University Of Petroleum &	B01D 67/00	(72) NIELSEN, Kenneth
Minerals	C01B 3/50	BLOK, Jesper
(72) GOVINDAN, Prakash	(11) EP2744585	PEDERSEN, Christian Gejl
THIEL, Gregory	(21) EP12790719.4	(74) ir. M.F.J.M. Ketelaars c.s.
McGOVERN, Ronan	(22) 24.10.2012	(47) 30.01.2019
LIENHARD, John	(54) METHOD FOR PREPARING A	(51) B01J 3/08
ELSHARQAWY, Mostafa	PALLADIUM-GOLD ALLOY GAS	C01B 13/32
(74) ir. M.F.J.M. Ketelaars c.s.	SEPARATION MEMBRANE SYSTEM	C01F 7/16
(31) 201113241907	(73) Shell Internationale Research Maatschappij	C01G 23/047
201213548166	B.V.	C01G 45/12
(32) 23.09.2011	(72) PERKINS II, Nathan Earl	C04B 35/01
12.07.2012	SAUKAITIS, John Charles	C04B 35/443
(33) United States of America	(31) 201113282295	C06B 23/00
United States of America	(32) 26.10.2011	C06B 47/14
(47) 09.01.2019	(33) United States of America	B82Y 30/00

B82Y 40/00	(47) 06.03.2019	B01F 15/02
(11) EP2630079	(51) B01L 3/00	B01F 13/10
(21) EP11787745.6	(11) EP3274093	(11) EP2849894
(22) 18.10.2011	(21) EP16713384.2	(21) EP13725065.0
(54) CONTINUOUS PROCESS FOR NANOMATERIAL SYNTHESIS FROM SIMULTANEOUS EMULSIFICATION AND DETONATION OF AN EMULSION	(22) 24.03.2016	(22) 08.05.2013
(73) Innovnano - Materiais Avançados, S.A.	(54) MICROFLUIDIC SORTING DEVICE	(54) DEVICE FOR MIXING LIQUIDS
(72) PRATAS DA SILVA, Sílvio, Manuel	(73) European Molecular Biology Laboratory	(73) PVA TePla AG
(31) 2010105340	(72) MERTEN, Christoph	(72) BEIKLER, Robert
(32) 18.10.2010	TSENG, Qingzong	(74) ir. M.F.J.M. Ketelaars c.s.
(33) Portugal	UTHARALA, Ramesh	(31) 102012009118
(47) 27.02.2019	FRESE, Lukas	(32) 08.05.2012
(51) B01J 20/20	(74) ir. C.M. Jansen c.s.	(33) Germany
B01J 20/22	(31) 15160580	(47) 16.01.2019
B01D 53/047	(32) 24.03.2015	(51) B08B 9/04
B01J 20/32	(33) European Patent Office (EPO)	B08B 9/043
B01J 20/10	(47) 02.01.2019	B65H 51/10
B01J 20/18	(51) B03B 9/06	F28G 15/02
B01J 20/28	B03B 9/04	F28G 15/04
B01D 53/04	C22B 1/00	F28G 3/16
(11) EP2680963	C22B 15/00	F28G 1/16
(21) EP12752429.6	C22B 21/00	(11) EP3171993
(22) 27.02.2012	(11) EP3310487	(21) EP15824476.4
(54) SYSTEM HAVING AN ENCASED ADSORBENT CONTACTOR AND ITS METHOD OF ASSEMBLY IN A SWING ADSORPTION VESSEL	(21) EP16733768.2	(22) 02.07.2015
(73) ExxonMobil Upstream Research Company	(22) 09.06.2016	(54) FLEXIBLE TUBE CLEANING LANCE
(72) TAMMERA, Robert, F.	(54) METAL RECOVERY SYSTEM AND METHOD	DRIVE APPARATUS
BASILE, Richard, J.	(73) Best Process Solutions, Inc.	(73) Stoneage, Inc.
FREDERICK, Jeffrey, W.	(72) CONWAY, Timothy, F.	(72) BARNES, Jeffery R.
(74) ir. W.J.J.M. Kempes	(74) ir. F.A. Geurts c.s.	(74) dr. W.A.H.M. Van Borm
(31) 201161448117 P	(31) 201514741487	(31) 201462028756 P
(32) 01.03.2011	(32) 17.06.2015	201514693259
(33) United States of America	(33) United States of America	(32) 24.07.2014
(47) 16.01.2019	(47) 23.01.2019	22.04.2015
(51) B01J 27/045	(51) B03D 1/008	(33) United States of America
B01J 37/02	C04B 24/08	United States of America
C07C 5/367	C04B 24/12	(47) 06.03.2019
C07C 15/06	C23F 11/12	(51) B21B 31/02
B01J 21/04	C23F 11/14	F16C 29/02
B01J 23/42	B01F 17/00	(11) EP2598263
B01J 27/053	(11) EP2249967	(21) EP11808313.8
B01J 37/18	(21) EP09705569.3	(22) 26.07.2011
B01J 37/20	(22) 30.01.2009	(54) FLUID-LEVELED BEARING PLATE
B01J 23/46	(54) OXIDIZED AND MALEATED DERIVATIVE COMPOSITION	(73) Corts Engineering GmbH & Co. KG
B01J 35/10	(73) Ingevity South Carolina, LLC	(72) CORTS, Jochen
C07C 15/24	(72) HURD, Phillip W.	(74) ir. M.F.J.M. Ketelaars c.s.
C07C 15/02	JOHNSON, Roger Scott	(31) 367665 P
C07C 15/27	HINES, John B.	(32) 26.07.2010
B01J 35/00	NEUMANN, Brett A.	(33) United States of America
(11) EP1894626	(74) ir. J.C. Volmer c.s.	(47) 09.01.2019
(21) EP06766901.0	(31) 25239	(51) B22F 3/105
(22) 19.06.2006	(32) 31.01.2008	B22F 3/115
(54) PROCESS FOR PRODUCING A HOMOGENEOUS, HIGHLY DISPERSED METAL CATALYST	(33) United States of America	B23K 9/04
(73) CHIYODA CORPORATION	(47) 13.03.2019	B23K 9/23
(72) OKADA, Yoshimi c/o Chiyoda Corporation	(51) B05C 5/02	B23K 9/32
MAKABE, Toshiji c/o Chiyoda Corporation	(11) EP3199247	B23K 26/00
SAITO, Masashi c/o Chiyoda Corporation	(21) EP16153025.8	B23K 26/122
(74) ir. J.C. Volmer c.s.	(22) 27.01.2016	B23K 26/12
(31) 2005178804	(54) SLOT CASTER AND COATING APPARATUS	B23K 26/342
(32) 20.06.2005	(73) Coatema Coating Machinery GmbH	B23K 26/70
(33) Japan	(72) Pankratz, Alexander	B29C 64/153
	(74) ir. H.J.G. Lips c.s.	B29C 64/245
	(47) 23.01.2019	B33Y 10/00
	(51) B08B 9/027	B33Y 30/00
	B08B 9/08	B33Y 40/00
	B01F 15/00	B29C 64/25
		(11) EP3222373
		(21) EP17160904.3
		(22) 14.03.2017

(54) METHOD AND INSTALLATION FOR ADDITIVE MANUFACTURING OF METALLIC MOULDED BODY	(47) 09.01.2019	VEDRINE, Lionel
(73) GEFERTEC GmbH	(51) B23K 26/342	(74) ir. C.M. Jansen c.s.
(72) Fischer, Georg	B22F 3/105	(31) 634567
Röhrich, Tobias	B29C 64/241	(32) 05.08.2003
Haschke, Igor	B29C 64/245	(33) United States of America
(74) J.M.H. Duyver lic.	B33Y 30/00	(47) 23.01.2019
(31) 102016105162	(11) EP3228407	(51) B25J 15/00
(32) 21.03.2016	(21) EP17164906.4	B25J 15/08
(33) Germany	(22) 05.04.2017	B25J 15/02
(47) 09.01.2019	(54) WORK TABLE FOR ADDITIVE MANUFACTURING	(11) EP3248737
(51) B23D 47/12	(73) GEFERTEC GmbH	(21) EP16170851.6
B28D 1/04	(72) Fischer, Georg	(22) 23.05.2016
(11) EP1866121	Röhrich, Tobias	(54) SATELLITES GRIPPER
(21) EP05728089.3	Haschke, Igor	(73) Przemyslowy Instytut Automatyki i Pomiarów PIAP
(22) 23.03.2005	Dr. Führer, Matthias	(72) DUDEK, Lukasz
(54) IMPROVEMENTS RELATING TO A CUTTING OR SAWING MACHINE	(74) J.M.H. Duyver lic.	(74) ir. J.M.G. Dohmen c.s.
(73) Husqvarna AB	(31) 102016106373	(47) 26.12.2018
(72) DONNERDAL, Ove	(32) 07.04.2016	(51) B26B 19/04
PINZANI, Håkan	(33) Germany	B26B 19/42
ALBINSSON, Mari	(47) 09.01.2019	(11) EP2448726
(74) ir. W.J.J.M. Kempes	(51) B23K 35/26	(21) EP10750172.8
(47) 23.01.2019	B23K 35/36	(22) 01.07.2010
(51) B23K 1/00	B23K 35/362	(54) Dry shaver
B23K 1/20	(11) EP2516104	(73) Braun GmbH
B23K 35/00	(21) EP10799017.8	(72) WURL, Andreas
B23K 35/28	(22) 21.12.2010	NAUBER, Andre
(11) EP2370228	(54) A SOLDER PASTE COMPOSITION, A SOLDER PASTE AND A SOLDERING FLUX	MOEHRING, Andreas
(21) EP09755914.0	(73) Henkel AG & Co. KGaA	(31) 102009031628
(22) 20.11.2009	Henkel IP & Holding GmbH	(32) 03.07.2009
(54) ANTICORROSIVE FLUX	(72) YANG, Huiying	(33) Germany
(73) Solvay Fluor GmbH	LU, Daoqiang	(47) 16.01.2019
(72) BECKER, Andreas	(74) ir. M.F.J.M. Ketelaars c.s.	(51) B26B 21/22
BORN, Thomas	(31) 200910215134	B26B 21/40
GARCIA-JUAN, Placido	(32) 24.12.2009	(11) EP3245031
OTTMANN, Alfred	(33) China	(21) EP16701066.9
SWIDERSKY, Hans-Walter	(47) 30.01.2019	(22) 12.01.2016
(74) ir. W.J.J.M. Kempes	(51) B23K 35/38	(54) DISPOSABLE RAZOR
(31) 08169856	B23K 26/12	(73) Rathbone Razors Ltd.
(32) 25.11.2008	B23K 103/04	(72) BRUCE, David
(33) European Patent Office (EPO)	B23K 26/14	ABLE, Stuart
(47) 09.01.2019	B23K 26/34	(74) ir. M.F.J.M. Ketelaars c.s.
(51) B23K 3/06	(11) EP2929976	(31) 201500491
B41F 15/40	(21) EP15162765.0	201513298
H05K 3/34	(22) 08.04.2015	(32) 13.01.2015
(11) EP3085484	(54) METHOD FOR CO2 LASER WELDING OF HIGH ALLOY STEELS	28.07.2015
(21) EP13899803.4	(73) Messer Group GmbH	(33) United Kingdom
(22) 18.12.2013	(72) Rockser, Mario	United Kingdom
(54) SOLDER SUPPLY DEVICE	Wankum, Achim	(47) 02.01.2019
(73) FUJI Corporation	Wolters, Michael	(51) B26D 1/157
(72) FUJITA, Yoji	(74) ir. W.J.J.M. Kempes	B26D 7/32
(74) ir. M.F.J.M. Ketelaars c.s.	(31) 102014005194	(11) EP3105020
(47) 30.01.2019	(32) 08.04.2014	(21) EP15703779.7
(51) B23K 9/167	(33) Germany	(22) 10.02.2015
B23K 35/38	(47) 09.01.2019	(54) CUTTING DEVICE WITH A FEED CHANNEL FOR INTERLEAVING PAPER
(11) EP1707295	(51) B24B 19/16	(73) GEA Food Solutions Germany GmbH
(21) EP06111528.3	A61M 5/32	(72) HÖRBERG, Winfried
(22) 22.03.2006	(11) EP1651294	BOCHTLER, Alois
(54) Shielding gas for TIG-welding of metals	(21) EP04779626.3	(74) ir. W.J.J.M. Kempes
(73) Messer Group GmbH	(22) 30.07.2004	(31) 102014202525
(72) Hildebrandt, Bernd	(54) SYRINGE HAVING A MULTI-BEVEL NEEDLE	(32) 12.02.2014
Wankum, Achim	(73) Becton, Dickinson and Company	(33) Germany
(74) ir. W.J.J.M. Kempes	(72) PRAIS, A., Wesley	(47) 16.01.2019
(31) 102005014615	BORIN, Eric	(51) B26D 7/22
(32) 31.03.2005		B26F 3/00
(33) Germany		B23Q 5/58

- (11) EP2139653
 (21) EP08724239.2
 (22) 17.03.2008
 (54) COLLISION SENSING DEVICE
 (73) Water Jet Sweden AB
 (72) RYDH, Jan
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 0700692
 (32) 20.03.2007
 (33) Sweden
 (47) 02.01.2019
 (51) B27N 3/00
 B27N 3/18
 B27N 3/24
 B27N 3/02
- (11) EP3230028
 (21) EP15808140.6
 (22) 09.12.2015
 (54) METHOD FOR PRODUCING SINGLE OR MULTI-LAYER LIGNOCELLULOSE MATERIALS BY HARDENING IN A HIGH FREQUENCY ELECTRIC FIELD
 (73) BASF SE
 (72) WEINKOETZ, Stephan
 KRUG, Detlef
 MAEBERT, Marco
 (74) ir. W.J.J.M. Kempes
 (31) 14197060
 (32) 09.12.2014
 (33) European Patent Office (EPO)
 (47) 09.01.2019
 (51) B28B 3/02
 B28B 3/06
 B30B 11/02
 B30B 15/02
- (11) EP3000571
 (21) EP15181770.7
 (22) 20.08.2015
 (54) DEVICE FOR MANUFACTURING CONCRETE MOULDS
 (73) KOBRA Formen GmbH
 (72) STICHEL, Holger
 BRAUNGARDT, Jürgen
 (74) ir. W.J.J.M. Kempes
 (31) 102014113756
 (32) 23.09.2014
 (33) Germany
 (47) 09.01.2019
 (51) B29B 15/12
 (11) EP3230031
 (21) EP15823616.6
 (22) 08.12.2015
 (54) APPARATUS FOR IMPREGNATING A POROUS MEDIUM COMPRISING OPTIMIZED COATED ELECTRODES
 (73) Fibroline
 (72) MARDUEL, Joric
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 1462137
 (32) 09.12.2014
 (33) France
 (47) 27.03.2019
 (51) B29B 15/12
 B29C 53/80
 B29C 53/66
 B29C 70/50
 B29C 70/52
 (11) EP2344313
- (21) EP09801754.4
 (22) 08.10.2009
 (54) A RESIN APPLICATOR AND A METHOD OF USING THE SAME
 (73) Fernando, Gerard
 (72) FERNANDO, Gerard, Franklyn
 PANDITA, Surya
 PAGET, Mark
 SHOTTON-GALE, Nick
 (74) dr. A. Krebs
 (31) 0818468
 (32) 08.10.2008
 (33) United Kingdom
 (47) 09.01.2019
 (51) B29C 43/00
 F41H 5/04
 (11) EP3231571
 (21) EP17173822.2
 (22) 14.07.2005
 (54) UNIDIRECTIONAL MULTILAYERED POLYETHYLENE MATERIALS AND BALLISTIC RESISTANT ARTICLES MANUFACTURED THEREFROM
 (73) DSM IP Assets B.V.
 (72) FUCHS, Yuval
 GEVA, Shalom
 (74) ir. W.J.J.M. Kempes
 (31) 601645 P
 626206 P
 (32) 16.08.2004
 08.11.2004
 (33) United States of America
 United States of America
 (47) 02.01.2019
 (51) B29C 44/22
 A47C 27/00
 A47C 27/15
 A47C 31/00
 B29C 70/64
 C08J 9/28
 C08J 9/40
 B29K 21/00
 B29L 31/00
 B29K 105/04
 (11) EP2613927
 (21) EP11752245.8
 (22) 07.09.2011
 (54) FUNCTIONALIZED LATEX BASED FOAM
 (73) Latexco Nv
 (72) BOLLIOU, Alexander
 (74) dr. A. Krebs
 (31) 10009299
 (32) 07.09.2010
 (33) European Patent Office (EPO)
 (47) 16.01.2019
 (51) B29C 45/14
 B32B 7/12
 B29B 13/00
 B32B 15/08
 B32B 7/04
 H04M 1/02
 C25D 11/02
 C25D 11/08
 C25D 11/24
 C25D 11/16
 H05K 5/00
 B29L 31/34
- B29K 81/00
 B29K 705/02
 (11) EP2817948
 (21) EP12869214.2
 (22) 26.09.2012
 (54) SHELL, PREPARING METHOD AND APPLICATION THEREOF IN ELECTRONIC PRODUCT
 (73) BYD Company Limited
 Shenzhen BYD Auto R&D Company Limited
 (72) SUN, Jian
 ZENG, Juan
 ZHANG, Yunxia
 CHENG, Jun
 (74) ir. W.J.J.M. Kempes
 (31) 201210043628
 (32) 24.02.2012
 (33) China
 (47) 23.01.2019
 (51) B29C 47/10
 B29B 7/48
 B29B 7/84
 B29B 7/94
 B29C 47/76
 B29C 67/24
 B29C 47/00
 B29K 21/00
 B29K 7/00
 B29K 105/04
 (11) EP3006177
 (21) EP14839376.2
 (22) 18.08.2014
 (54) VENTED TWIN-SCREW KNEADING EXTRUSION METHOD
 (73) The Japan Steel Works, Ltd.
 (72) SHIMIZU, Yohei
 KAKIZAKI, Jun
 HANDA, Kiyoshi
 (74) ir. C.M. Jansen c.s.
 (31) 2013175245
 (32) 27.08.2013
 (33) Japan
 (47) 20.02.2019
 (51) B29C 49/22
 (11) EP2976206
 (21) EP14714197.2
 (22) 20.03.2014
 (54) EXTRUSION-BLOW-MOULDED TUBE AND METHOD
 (73) Alpla Werke Alwin Lehner GmbH & Co. KG
 (72) KÜNZ, Johann
 (74) ir. J.C. Volmer c.s.
 (31) 6372013
 (32) 20.03.2013
 (33) Switzerland
 (47) 09.01.2019
 (51) B29C 53/08
 B21D 7/025
 B21D 3/00
 (11) EP2919965
 (21) EP13792964.2
 (22) 15.11.2013
 (54) APPARATUS AND METHOD FOR BENDING COILED TUBING
 (73) Quality Intervention AS
 (72) SØRENSEN, Bjørn Bro
 LANGETEIG, Bjarne Kåre

(74) J.M.H. Duyver lic.	B29D 11/02	(74) ir. W.J.J.M. Kempes
(31) 201220671	B29C 45/26	(31) 102013106027
(32) 16.11.2012	B29L 11/00	(32) 11.06.2013
(33) United Kingdom	(11) EP3027398	(33) Germany
(47) 27.02.2019	(21) EP14758685.3	(47) 26.12.2018
(51) B29C 55/00	(22) 30.07.2014	(51) B31F 1/07
C08J 5/18	(54) INSERT ASSEMBLY FOR	(11) EP3227102
D04H 1/4391	MANUFACTURING INTRAOCULAR	(21) EP15808110.9
B01D 67/00	LENSES	(22) 26.11.2015
(11) EP2804739	(73) Innovalens B.V.	(54) SLEEVE EXTRACTOR, UNIT FOR
(21) EP12798998.6	(72) VAN DIJK, Emerentius Maria Josephus	TRANSFORMING A PLANAR
(22) 26.11.2012	Antonius	SUBSTRATE, AND METHOD FOR
(54) ARTICLES INCLUDING EXPANDED	(74) ir. C.M. Jansen c.s.	EXTRACTING SLEEVES
POLYTETRAFLUOROETHYLENE	(31) 2011239	(73) BOBST MEX SA
MEMBRANES WITH SERPENTINE	(32) 30.07.2013	(72) BÉGUIN, Boris
FIBRILS	(33) Netherlands	CLÉMENT, Philippe
(73) W. L. Gore & Associates, Inc.	(47) 16.01.2019	DÉNISSE, Guillaume
(72) WHITE, Charles, F.	(51) B29D 30/06	(74) J.M.H. Duyver lic.
RADSPINNER, Rachel	B29C 33/30	(31) 14020103
(74) ir. W.J.J.M. Kempes	B29C 33/42	(32) 04.12.2014
(31) 201213351052	B29D 30/00	(33) European Patent Office (EPO)
201213675730	B29D 30/72	(47) 27.02.2019
(32) 16.01.2012	B29L 30/00	(51) B32B 5/12
13.11.2012	(11) EP3030410	B32B 5/26
(33) United States of America	(21) EP14752920.0	B32B 15/14
United States of America	(22) 26.06.2014	B32B 27/18
(47) 02.01.2019	(54) TIRE MOULD COMPRISING A	B32B 27/28
(51) B29C 67/00	MOULDING PORTION HAVING	B32B 27/12
C08K 3/36	REMOVABLE PARTS	(11) EP2750889
C08L 83/04	(73) Compagnie Générale des Etablissements	(21) EP12750648.3
C08L 83/14	Michelin	(22) 01.08.2012
(11) EP3322581	(72) VILLENEUVE, Bernard	(54) INTERLAMINAR TOUGHENING OF
(21) EP16801759.8	GUEUGNEAU, Anthony	THERMOPLASTICS
(22) 24.11.2016	(74) ir. W.J.J.M. Kempes	(73) Cytec Technology Corp.
(54) HIGHLY VISCOUS SILICONE	(31) 1301881	(72) ROGERS, Scott, Alfred
COMPOSITIONS FOR PRODUCING	(32) 05.08.2013	PRATTE, James, Francis
ELASTOMERIC MOLDED PARTS BY	(33) France	(74) ir. W.J.J.M. Kempes
MEANS OF BALLISTIC GENERATIVE	(47) 09.01.2019	(31) 201161528561 P
METHODS	(51) B29D 30/06	(32) 29.08.2011
(73) Wacker Chemie AG	B29D 30/72	(33) United States of America
(72) ACHENBACH, Frank	(11) EP3099476	(47) 02.01.2019
SELBERTINGER, Ernst	(21) EP15703044.6	(51) B32B 7/12
ZICHE, Wolfgang	(22) 30.01.2015	B32B 15/08
(74) ir. W.J.J.M. Kempes	(54) TYRE MOULD WITH A PLATE FOR	B32B 27/08
(31) PCT/EP2015/077854	MOULDING INFORMATION ON A	B32B 27/18
(32) 26.11.2015	SIDEWALL	B32B 29/00
(33) World Intellectual Property Office (WIPO)	(73) Compagnie Générale des Etablissements	B32B 27/10
(47) 02.01.2019	Michelin	C09J 7/00
(51) B29D 11/00	(72) PANIC, Sinisa	B65D 81/00
B29C 67/00	(74) ir. W.J.J.M. Kempes	B65D 65/00
(11) EP3003697	(31) 1450771	(11) EP2986450
(21) EP14734871.8	(32) 31.01.2014	(21) EP14721790.5
(22) 06.06.2014	(33) France	(22) 17.04.2014
(54) PROCESS AND SYSTEM FOR	(47) 09.01.2019	(54) MULTILAYER ASSEMBLY
MANUFACTURING AN OPHTHALMIC	(51) B29D 30/32	(73) Goglio S.p.A.
LENS	(11) EP3007891	(72) BOSETTI, Osvaldo
(73) Essilor International	(21) EP14714700.3	FEDELI, Mauro
(72) QUERE, Loïc	(22) 02.04.2014	NERIN DE LA PUERTA, M.C. Cristina
GOURRAUD, Alexandre	(54) METHOD FOR PRODUCING A VEHICLE	CARRIZO, Daniel
ALLIONE, Pascal	TYRE	(74) J.M.H. Duyver lic.
BEGON, Cédric	(73) Continental Reifen Deutschland GmbH	(31) 13164045
LE SAUX, Gilles	(72) THOMFOHRDE, Claudia	MI20130623
(74) ir. W.J.J.M. Kempes	KNEUSSEL, Ewald	(32) 17.04.2013
(31) 1355301	KÖNIG, Olav	17.04.2013
(32) 07.06.2013	GERIGHAUSEN, Martin	(33) European Patent Office (EPO)
(33) France	LINNE, Stefan	Italy
(47) 16.01.2019	SCHULZE, Norbert	(47) 30.01.2019
(51) B29D 11/00	RADZIEJ, Guido	(51) B32B 9/04

- (11) EP2190662
(21) EP08833035.2
(22) 25.09.2008
(54) EDIBLE AND BIOCOMPATIBLE METAL-ORGANIC FRAMEWORKS
(73) The Regents of the University of California
(72) YAGHI, Omar, M.
LI, Qiaowei
FANG, Qianrong
EL-KADRI, Oussama, M.
(74) ir. J.M.G. Dohmen c.s.
(31) 975089 P
(32) 25.09.2007
(33) United States of America
(47) 26.12.2018
(51) B32B 15/09
B65D 8/16
B65D 65/40
B32B 7/00
B32B 15/00
B32B 15/04
B32B 15/08
B32B 27/00
B32B 27/06
B32B 27/36
B32B 1/00
B32B 1/02
(11) EP2799227
(21) EP12861755.2
(22) 07.12.2012
(54) LAMINATED METAL SHEET AND FOOD CAN CONTAINER
(73) JFE Steel Corporation
(72) NAKAGAWA, Yusuke
KITAGAWA, Junichi
YAMANAKA, Yoichiro
TOBIYAMA, Yoichi
(74) mr.ir. F.N. Ferro
(31) 2011283703
(32) 26.12.2011
(33) Japan
(47) 06.03.2019
(51) B32B 17/06
(11) EP3224045
(21) EP15800794.8
(22) 24.11.2015
(54) TRANSPARENT HEAT PROTECTION ELEMENT
(73) Saint-Gobain Glass France
(72) GELDERIE, Udo
SCHWANKHAUS, Norbert
TE STRAKE, David
(74) ir. C.M. Jansen c.s.
(31) 14194499
(32) 24.11.2014
(33) European Patent Office (EPO)
(47) 23.01.2019
(51) B32B 17/10
B32B 27/08
B32B 7/02
B32B 27/22
B32B 27/30
B32B 27/36
B32B 27/42
(11) EP3200994
(21) EP15846943.7
(22) 23.09.2015
(54) MULTIPLE LAYER INTERLAYER RESISTING DEFECT FORMATION
(73) Solutia Inc.
(72) LU, Jun
(74) ir. C.M. Jansen c.s.
(31) 201414505247
(32) 02.10.2014
(33) United States of America
(47) 30.01.2019
(51) B32B 25/02
C08L 81/06
C08L 33/24
C08L 71/12
(11) EP2470367
(21) EP10754604.6
(22) 27.05.2010
(54) ENGINEERED CROSSLINKED THERMOPLASTIC PARTICLES FOR INTERLAMINAR TOUGHENING
(73) CYTEC TECHNOLOGY CORP.
(72) WEI, Yi
BAIDAK, Alexandre, A.
SENGER, James
(74) ir. W.J.J.M. Kempes
(31) 287337 P
182302 P
(32) 17.12.2009
29.05.2009
(33) United States of America
United States of America
(47) 09.01.2019
(51) B32B 27/10
B65D 65/42
(11) EP2476551
(21) EP12151329.5
(22) 16.01.2012
(54) Packaging made from cardboard
(73) VG Nicolaus GmbH & Co KG
(72) Avemarg, Michael
(74) ir. J.M.G. Dohmen c.s.
(31) 102011000189
(32) 17.01.2011
(33) Germany
(47) 02.01.2019
(51) B32B 37/10
B29C 43/28
B29C 43/26
B29C 43/48
B32B 38/00
(11) EP3130464
(21) EP15002393.5
(22) 12.08.2015
(54) METHOD AND DEVICE FOR PRODUCING A FLOOR LINING COMPRISING STONE SLABS
(73) Bernhard Voith GmbH
(72) VOITH, Bernhard
(74) mr. ir. J. van Breda c.s.
(47) 02.01.2019
(51) B41J 2/14
B41J 2/18
B41J 2/16
B41J 2/175
(11) EP3243663
(21) EP15877020.6
(22) 18.12.2015
(54) LIQUID-DISCHARGING HEAD, LIQUID-DISCHARGING UNIT, AND DEVICE FOR DISCHARGING LIQUID
(73) Ricoh Company, Ltd.
(72) KOHDA, Tomohiko
YOSHIDA, Takahiro
ANDOU, Shiomi
NAKAI, Takayuki
ABE, Kanshi
SHIMIZU, Takeshi
KASAHARA, Ryo
(74) ir. C.M. Jansen c.s.
(31) 2015000612
2015096721
(32) 06.01.2015
11.05.2015
(33) Japan
Japan
(47) 06.02.2019
(51) B41K 3/10
B41K 3/12
B41F 13/00
B41F 33/00
(11) EP2894040
(21) EP15151331.4
(22) 20.06.2007
(54) NUMBERING DEVICE FOR TYPOGRAPHIC NUMBERING HAVING CALIBRATION DETECTORS
(73) KBA-NotaSys SA
(72) Würsch, Alain
Merminod, Antoine
(74) J.M.H. Duyver lic.
(31) 06115994
06124403
(32) 23.06.2006
20.11.2006
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 06.03.2019
(51) B41M 5/00
B41J 2/01
B41J 29/393
C09D 11/322
C09D 11/40
C09D 11/54
B41J 2/21
B41J 11/00
C09D 11/106
B41J 2/14
B41M 7/00
(11) EP3096953
(21) EP14879689.9
(22) 21.01.2014
(54) INKJET PRINTING
(73) Hewlett-Packard Development Company, L.P.
(72) EMAMJOMEH, Ali
VISNYAK, Elizabeth Ann
SARKISIAN, George
(74) dr. W.A.H.M. Van Borm
(47) 13.03.2019
(51) B41M 5/28
B41M 5/26
G09F 3/02
G09F 3/10
G09F 3/16
(11) EP2933114

(21) EP13863182.5	(74) ir. M.F.J.M. Ketelaars c.s.	B60W 20/50
(22) 13.12.2013	(31) UA20162396	B60W 30/184
(54) INFORMATION WRITING FILM AND SAMPLE STORAGE BODY	(32) 07.04.2016	B60W 30/045
(73) Nakahana, Yoko	(33) Italy	B60K 6/448
Kakuda, Shinichiro	(47) 06.02.2019	B60K 6/52
(72) Kakuda, Shinichiro	(51) B60J 7/16	B60K 6/547
Nakahana, Yoko	B65D 88/12	B60W 50/00
(74) J.M.H. Duyver lic.	(11) EP2871086	(11) EP2730455
(31) 2012272384	(21) EP14192220.3	(21) EP12808183.3
(32) 13.12.2012	(22) 07.11.2014	(22) 04.07.2012
(33) Japan	(54) Vehicle with cover device for the loading structure	(54) DRIVE DEVICE FOR VEHICLE
(47) 27.02.2019	(73) Fliegl sen., Josef	(73) Honda Motor Co., Ltd.
(51) B42D 15/00	(72) Fliegl jun., Josef	(72) NOGUCHI, Masatoshi
B41M 3/14	(74) ir. M.F.J.M. Ketelaars c.s.	ANDO, Satoshi
(11) EP2580069	(31) 202013105032 U	KIKUCHI, Masayuki
(21) EP11724370.9	(32) 08.11.2013	(74) ir. C.M. Jansen c.s.
(22) 01.06.2011	(33) Germany	(31) 2011148489
(54) DATA CARRIER COMPRISING FEATURE REGION AND METHOD	(47) 30.01.2019	(32) 04.07.2011
(73) Giesecke+Devrient Currency Technology GmbH	(51) B60K 17/36	(33) Japan
(72) GREGAREK, André	B60K 17/354	(47) 06.02.2019
HEIM, Manfred	B60K 17/356	(51) B60P 1/54
RENNER, Patrick	B60K 7/00	(11) EP3069927
(74) ir. J.C. Volmer c.s.	B60K 1/00	(21) EP15159344.9
(31) 102010022990	(11) EP3165395	(22) 17.03.2015
(32) 08.06.2010	(21) EP16002315.6	(54) AUXILIARY FRAME FOR MOUNTING A CRANE ON A CHASSIS
(33) Germany	(22) 28.10.2016	(73) Werkhuizen Jacobs BVBA
(47) 06.03.2019	(54) COMMERCIAL VEHICLE, ESPECIALLY HEAVY GOODS VEHICLE, WITH AT LEAST ONE TWIN AXLE UNIT	(72) Jacobs, Patrick
(51) B42D 25/00	(73) MAN Truck & Bus AG	(74) M.A.T. Beck MSc LL.B
(11) EP3286011	(72) Wagner, Philipp	(47) 26.12.2018
(21) EP16733729.4	Fleischhacker, Jan	(51) B60P 1/64
(22) 20.04.2016	Beierer, Philipp	B60P 3/32
(54) SECURITY DOCUMENT AND METHOD OF MANUFACTURING	Peter, Michael	(11) EP2753500
(73) Morpho B.V.	Resch, Franz-Georg	(21) EP12754007.8
(72) WESSELINK, Wilhelmus Johannes	(74) ir. J.M.G. Dohmen c.s.	(22) 05.09.2012
VAN DEN BERG, Jan	(31) 102015014213	(54) VEHICLE HAVING A SEMI-TRAILER IN A MODULAR DESIGN
(74) ir. M.F.J.M. Ketelaars c.s.	(32) 04.11.2015	(73) Drehtainer GmbH Spezial Container- Und Fahrzeugbau
(31) 2014690	(33) Germany	(72) MEYER, Helmut
(32) 22.04.2015	(47) 27.02.2019	(74) ir. M.F.J.M. Ketelaars c.s.
(33) Netherlands	(51) B60L 1/02	(31) 102011053306
(47) 27.02.2019	B60L 3/00	(32) 06.09.2011
(51) B60C 11/12	B60L 3/12	(33) Germany
(11) EP2373502	B60L 11/18	(47) 02.01.2019
(21) EP09748819.1	B60L 1/00	(51) B60P 3/20
(22) 13.11.2009	B60L 11/00	F25B 27/00
(54) TIRE TREAD COMPRISING INCISIONS PROVIDED WITH PROJECTIONS	H01M 10/48	F25D 11/00
(73) Compagnie Générale des Etablissements Michelin	G01R 31/36	(11) EP2442053
(72) BERGER, Eric	H01M 10/42	(21) EP10785939.9
BONNAMOUR, Matthieu	H01M 10/44	(22) 07.06.2010
(74) ir. W.J.J.M. Kempes	(11) EP2841956	(54) REFRIGERATION DEVICE FOR TRANSPORTATION
(31) 0858296	(21) EP13825023.8	(73) Daikin Industries, Ltd.
(32) 05.12.2008	(22) 26.04.2013	(72) IKEMIYA, Makoto
(33) France	(54) AN IMBEDDED CHIP FOR BATTERY APPLICATIONS	TAKAOKA, Hisaaki
(47) 09.01.2019	(73) Nanyang Technological University California Institute of Technology Centre National de la Recherche Scientifique (CNRS)	(74) ir. W.J.J.M. Kempes
(51) B60H 1/00	(72) YAZAMI, Rachid	(31) 2009139356
F25B 45/00	TAN, Cher Ming	(32) 10.06.2009
(11) EP3228488	(74) ir. F.A. Geurts c.s.	(33) Japan
(21) EP17165465.0	(31) 201261639712 P	(47) 30.01.2019
(22) 07.04.2017	(32) 27.04.2012	(51) B60P 7/08
(54) REFRIGERANT REMOVAL DEVICE AND METHOD	(33) United States of America	(11) EP3279034
(73) Mahle Aftermarket Italy S.p.A.	(47) 13.02.2019	(21) EP17183480.7
(72) CANTADORI, Andrea	(51) B60L 15/20	(22) 27.07.2017
		(54) RAIL ASSEMBLY WITH ROUND OBJECTS
		(73) Lösing, Bernhard

- (72) Lösing, Bernhard
(74) ir. J.C. Volmer c.s.
(31) 202016104244 U
202016106594 U
(32) 02.08.2016
25.11.2016
(33) Germany
Germany
(47) 02.01.2019
-
- (51) B60P 7/13
(11) EP2689964
(21) EP13176892.1
(22) 17.07.2013
(54) Container locking
(73) JOST-Werke Deutschland GmbH
(72) Algütera, José Manuel
Eiermann, Michael
Albers, Stephan
Paulekuhn, Hans-Peter
(74) ir. A.R. Aalbers
(31) 102012213104
(32) 25.07.2012
(33) Germany
(47) 16.01.2019
-
- (51) B60P 7/15
(11) EP2164724
(21) EP08802086.2
(22) 12.09.2008
(54) RETAINING DEVICE FOR VEHICLE
INTERIORS
(73) TANOS GmbH Verpacken Ordnen
Präsentieren
(72) KOENIG, Andreas
RITTLER, Jürgen
WOLLE, Lutz
(74) ir. C.M. Jansen c.s.
(31) 07043743
(32) 18.09.2007
(33) European Patent Office (EPO)
(47) 09.01.2019
-
- (51) B60Q 3/00
B60Q 3/64
G02B 6/00
B65G 69/28
F21S 8/00
F21S 8/04
F21V 17/00
F21W 131/411
(11) EP2572934
(21) EP12008212.8
(22) 17.09.2010
(54) Light fixtures for Doorways
(73) Rite-Hite Holding Corporation
(72) Swessel, Mark R.
Hahn, Norbert
Muhl, Tim
Petri, Mark G.
Maly, Paul
Waugaman, Charles S.
Mcneill, Matthew C.
Rowlett, Paul D.
Dondlinger, Jason
(74) ir. P.J. Hylarides c.s.
(31) 568499
(32) 28.09.2009
(33) United States of America
(47) 23.01.2019
-
- (51) B60R 1/00
(11) EP2998160
(21) EP15190842.3
(22) 17.12.2007
(54) METHOD OF FIXING AN APPARATUS
COMPRISING A TOWING MIRROR
(73) Milenco Limited
(72) Milbank, Frederick Nigel
(74) ir. J.H.W. Assendelft
(31) 0625340
(32) 20.12.2006
(33) United Kingdom
(47) 16.01.2019
-
- (51) B60R 1/00
G08G 1/0967
G08G 1/16
H04N 7/18
(11) EP3260329
(21) EP17175100.1
(22) 08.06.2017
(54) MIRROR REPLACEMENT SYSTEM FOR
A VEHICLE
(73) MEKRA Lang GmbH & Co. KG
(72) MOULTON, Frederick
LANG, Werner
(74) ir. C.M. Jansen c.s.
(31) 102016007522
(32) 20.06.2016
(33) Germany
(47) 27.02.2019
-
- (51) B60R 19/24
B60R 19/26
B60R 19/34
B62D 21/15
F16F 7/12
B62D 29/00
(11) EP3131791
(21) EP15780573.0
(22) 17.04.2015
(54) VEHICLE CRUSH RAIL WITH
SUBSTANTIALLY SQUARE CELLS AND
INITIATORS
(73) Tesla, Inc.
(72) WINBERG, N. Petter
SHELDON, Timothy L.
SAWANT, Sachin Shrimant
(74) ir. P.J. Hylarides c.s.
(31) 201414255871
(32) 17.04.2014
(33) United States of America
(47) 02.01.2019
-
- (51) B60R 19/56
(11) EP3299226
(21) EP17192262.8
(22) 21.09.2017
(54) SHOCK ABSORBING BUMPER FOR
TRANSPORTATION VEHICLES
(73) Tirsan Treyler Sanayi Ve Ticaret Anonim
Sirketi
(72) KAÇAR, Batuhan Furkan
DERYAL, Ugur
KIRAÇ, Yalçın
ÇOLAKOĞLU, Gülsüm Yesim
(74) J.M.H. Duyver lic.
(31) 201613178
(32) 21.09.2016
(33) Turkey
(47) 23.01.2019
-
- (51) B60S 1/34
(11) EP3095650
(21) EP16001123.5
(22) 17.05.2016
(54) WINDSCREEN WIPER WITH OPTIMIZED
WIPING FIELD FOR CURVED
WINDSHIELDS
(73) MAN Truck & Bus AG
(72) Poliak, Slava
Siflinger, Markus
Kopp, Stephan
(74) ir. J.M.G. Dohmen c.s.
(31) 102015006415
(32) 19.05.2015
(33) Germany
(47) 06.03.2019
-
- (51) B60S 1/38
(11) EP2651712
(21) EP11781533.2
(22) 09.11.2011
(54) WIPER BLADE DEVICE
(73) Robert Bosch GmbH
(72) HERINCKX, Dirk
DEPOND, Helmut
BEX, Koen
(74) ir. C.M. Jansen c.s.
(31) 102010062906
(32) 13.12.2010
(33) Germany
(47) 27.02.2019
-
- (51) B60S 1/40
B60S 1/38
(11) EP3168092
(21) EP16193426.0
(22) 12.10.2016
(54) ELEMENT FOR A SYSTEM FOR
CONNECTING A WINDSCREEN WIPER
BLADE HOLDER TO A DRIVE ARM
(73) Valeo Systèmes d'Essuyage
(72) ESPINASSE, Philippe
(74) J.M.H. Duyver lic.
(31) 1560915
(32) 13.11.2015
(33) France
(47) 02.01.2019
-
- (51) B62B 9/28
B62B 9/12
B62B 7/00
(11) EP2895378
(21) EP13767144.2
(22) 10.09.2013
(54) STROLLER
(73) WF International B.V.
(72) GRIM, Walter
TOUSSAINT, Fredericus
(74) ir. C.M. Jansen c.s.
(31) 2009449
(32) 11.09.2012
(33) Netherlands
(47) 02.01.2019
-
- (51) B62D 55/065
B62D 12/00
B62D 33/02
B62D 11/20
B60K 6/20
B60D 5/00
A01G 23/00
B62D 7/02
(11) EP2994370

(21) EP14795123.0	(47) 13.03.2019	(51) B63H 20/00
(31) 1350565	(51) B63B 19/00	(11) EP2559616
(32) 08.05.2013	B60J 1/00	(21) EP12180820.8
(33) Sweden	B32B 17/10	(22) 17.08.2012
(47) 02.01.2019	(11) EP3095686	(54) Electric outboard motor
(51) B62J 9/00	(21) EP16177886.5	(73) SUZUKI MOTOR CORPORATION
(11) EP2991892	(22) 24.08.2012	(72) Kinpara, Masatoshi
(21) EP14714603.9	(54) GLASS DISC ASSEMBLY IN AN AQUATIC VEHICLE	Nakano, Yohei
(22) 04.03.2014	(73) TILSE Industrie- und Schiffstechnik GmbH	Takahashi, Satoru
(54) A BICYCLE BAG	(72) Tilse, Hans-Joachim	(74) ir. A.R. Aalbers
(73) Gulmann & Lund ApS	(74) J.M.H. Duyver lic.	(31) 2011179048
(72) GULMANN, Christian Nikolai LUND, Anders Helt	(31) 202011051103 U	2011226965
(74) drs. C.M.A. Quintelier	(32) 25.08.2011	(32) 18.08.2011
(31) 201300069	(33) Germany	14.10.2011
(32) 02.05.2013	(47) 27.02.2019	(33) Japan
(33) Denmark	(51) B63B 21/58	Japan
(47) 09.01.2019	B63B 35/68	(47) 16.01.2019
(51) B62K 15/00	(11) EP2762400	(51) B64D 11/00
B62K 5/027	(21) EP13153264.0	B64D 13/00
A45C 9/00	(22) 30.01.2013	(11) EP2736807
B62K 5/02	(54) Towing system for a tugboat	(21) EP12831053.9
B62K 5/025	(73) Nova Patent B.V.	(22) 11.09.2012
B62K 5/06	(72) Rodenburg, Robert	(54) AIRCRAFT CREW CABIN CHANGING AREA
B62K 13/08	(74) ir. M.F.J.M. Ketelaars c.s.	(73) BE Aerospace, Inc.
(11) EP2982589	(47) 20.02.2019	(72) WILKINSON, Michael
(21) EP14779945.6	(51) B63B 27/14	MORTIMER, Haylay
(22) 11.03.2014	B63B 27/30	(74) ir. H.J.G. Lips c.s.
(54) DRAW-BAR BOX TYPE PORTABLE FOLDING ELECTRO-TRICYCLE WITH FOLDING CHAIR FUNCTION	B63B 17/00	(31) 201161534181 P
(73) Wang, Jianmin	B63B 21/00	201213606740
Wang, Sumi	(11) EP3247623	(32) 13.09.2011
(72) Wang, Jianmin	(21) EP16704033.6	07.09.2012
Wang, Sumi	(22) 18.01.2016	(33) United States of America
(74) dr. A. Ellens c.s.	(54) SHIP WITH A TELESCOPIC GANGWAY FOR TRANSFERRING INDIVIDUALS BETWEEN THE SHIP AND A STATIONARY OR NEAR-STATIONARY OBJECT AT SEA, SUCH AS A WIND TURBINE	United States of America
(31) 201320156454 U	(73) Constructions Industrielles de la Méditerranée - CNIM	(47) 09.01.2019
(32) 01.04.2013	(72) BRIGNOLA, Jean-Claude DUMONT, Didier	(51) B64D 13/00
(33) China	(74) J.M.H. Duyver lic.	(11) EP3038919
(47) 26.12.2018	(31) 1500140	(21) EP14766583.0
(51) B63B 9/06	(32) 23.01.2015	(22) 27.08.2014
B63B 35/44	(33) France	(54) L SHAPED GUIDE VANES FOR CONTROLLING AND DIRECTING AIRFLOW IN A GALLEY CHILLED COMPARTMENT
B63B 39/03	(47) 09.01.2019	(73) B/E Aerospace, Inc.
B65D 88/78	(51) B63G 8/00	(72) BURD, Peter John Leslie
(11) EP3353046	F16L 19/025	(74) ir. C.M. Jansen c.s.
(21) EP16816376.4	F16L 1/26	(31) 201361872099 P
(22) 19.12.2016	F16L 23/00	201414464004
(54) A CONTROLLABLE FLOAT MODULE, A MODULAR OFFSHORE STRUCTURE ASSEMBLY COMPRISING AT LEAST ONE CONTROLLABLE FLOAT MODULE AND A METHOD FOR ASSEMBLING A MODULAR OFFSHORE STRUCTURE IN SITU	(11) EP3256764	(32) 30.08.2013
(73) Hardcastle, Trevor M.	(21) EP16713580.5	20.08.2014
(72) Hardcastle, Trevor M.	(22) 09.02.2016	(33) United States of America
(74) dr. A. Krebs	(54) JOINING DEVICE, SYSTEM AND METHOD FOR JOINING TWO FACING AND ALIGNED PIPELINE SECTIONS	United States of America
(31) 201522480	(73) Saipem S.p.A.	(47) 09.01.2019
(32) 20.12.2015	(72) CAVALLINI, Francesco MICHEL LAZZO, Luca LAZZARIN, Diego	(51) B64G 1/10
(33) United Kingdom	(74) ir. F.A. Geurts c.s.	B64G 1/24
	(31) MI20150177	B64G 1/40
	(32) 09.02.2015	G01S 13/90
	(33) Italy	G06F 17/10
	(47) 27.03.2019	(11) EP2935010
		(21) EP13828863.4
		(22) 20.12.2013
		(54) ORBIT DESIGN FOR EARTH OBSERVATION SPACE MISSIONS
		(73) Thales Alenia Space Italia S.p.A. Con Unico Socio
		(72) DI GIORGIO, Fabio FRANCIONI, Andrea CRICENTI, Alessandro

- (74) ir. J.C. Volmer c.s.
(31) TO20121117
(32) 20.12.2012
(33) Italy
(47) 20.03.2019
-
- (51) B64G 1/22
B64G 1/44
(11) EP3176095
(21) EP16201613.3
(22) 01.12.2016
(54) DEPLOYABLE STRUCTURE
COMPRISING A SET OF SOLAR
GENERATORS, SYSTEM FOR
DEPLOYING SUCH A DEPLOYABLE
STRUCTURE AND SATELLITE
COMPRISING SUCH A SYSTEM
- (73) Thales
(72) BAUDASSE, Yannick
VEZAIN, Stéphane
BARDEL, Olivier
STANEK, Didier
(74) ir. C.M. Jansen c.s.
(31) 1502511
(32) 02.12.2015
(33) France
(47) 30.01.2019
-
- (51) B65B 29/00
B65B 31/00
B65B 69/00
B65D 88/16
C07D 319/12
C08G 63/08
(11) EP2991903
(21) EP14723376.1
(22) 28.04.2014
(54) METHOD FOR STORAGE AND/OR
TRANSPORT OF LACTIDE PARTICLES
- (73) PURAC Biochem BV
(72) ROOZEN, Lambertus, Hendricus
KAMP, Johannes, Adrianus
VAN DER VOORT MAARSCHALK, Kees
WIERINGA, Maarten, Hendrik
(74) ir. A.R. Aalbers
(31) 13166320
13185567
(32) 02.05.2013
23.09.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 02.01.2019
-
- (51) B65B 55/04
B65B 7/28
B65B 3/00
B65B 55/02
B65D 1/02
B65D 51/00
B65B 55/08
B65B 55/10
B65B 63/08
B65B 7/16
(11) EP3033276
(21) EP14836259.3
(22) 15.08.2014
(54) METHOD FOR FILLING
PHARMACEUTICAL CONTAINERS
- (73) VANRX Pharmsystems Inc.
(72) GOLD, Ross, M.
BROADBENT, Nick
- IMMERZEEL, Jeroen
PROCYSHYN, Christopher, A.
PARK, Steve, Sang, Joon
(74) J.M.H. Duyver lic.
(31) 201361867014 P
(32) 16.08.2013
(33) United States of America
(47) 06.03.2019
-
- (51) B65B 57/00
B29C 65/82
G01M 3/32
(11) EP3102491
(21) EP15702597.4
(22) 20.01.2015
(54) APPARATUS AND METHOD FOR
TESTING PEEL STRENGTH AND
LEAK TIGHTNESS OF A PACKAGE
COMPRISING A PEEL SEAL
- (73) Oxipack B.V.
(72) SMIT, Arjan Tonnis
(74) ir. C.M. Jansen c.s.
(31) 2012110
(32) 20.01.2014
(33) Netherlands
(47) 02.01.2019
-
- (51) B65B 61/24
(11) EP2396229
(21) EP10705473.6
(22) 09.02.2010
(54) SYSTEM AND METHOD FOR
PRESSURIZING A PLASTIC CONTAINER
- (73) Plastipak Packaging, Inc.
(72) PEDMO, Marc
DARR, Richard, C.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 151363 P
(32) 10.02.2009
(33) United States of America
(47) 02.01.2019
-
- (51) B65D 5/38
(11) EP3090955
(21) EP16168324.8
(22) 04.05.2016
(54) CHILD RESISTANT LOCKING
CONTAINER
- (73) Multi Packaging Solutions, Inc.
(72) SMITH, Daniel, T.
THIBAUT, Richard, C.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201562156566 P
(32) 04.05.2015
(33) United States of America
(47) 20.02.2019
-
- (51) B65D 5/38
B65D 85/10
(11) EP3098176
(21) EP15169927.9
(22) 29.05.2015
(54) A PACKAGE FOR SMOKING ARTICLES
- (73) JT International SA
(72) COLLINS, Tim
(74) J.M.H. Duyver lic.
(47) 27.02.2019
-
- (51) B65D 6/18
B65D 25/00
(11) EP3286095
(21) EP16716854.1
- (22) 13.04.2016
(54) DISPLAY CONTAINER
(73) Schoeller Allibert GmbH
(72) VAN DER KORPUT, Maximus Gerardus
Maria
(74) J.M.H. Duyver lic.
(31) 102015106332
(32) 24.04.2015
(33) Germany
(47) 30.01.2019
-
- (51) B65D 41/04
(11) EP3287386
(21) EP17187214.6
(22) 22.08.2017
(54) SCREW CAP HAVING A SELF-
ADAPTING FEMALE THREAD
- (73) CypherCo Limited
(72) WHEATON, Christopher Simon Courtenay
(74) ir. C.M. Jansen c.s.
(31) 201614446
(32) 24.08.2016
(33) United Kingdom
(47) 02.01.2019
-
- (51) B65D 43/14
(11) EP3194288
(21) EP15767414.4
(22) 15.09.2015
(54) LID OF A CONTAINER
- (73) Mauser-Werke GmbH
(72) BISCHOFF, Sebastian
SIEDE, Daniel
(74) ir. W.J.J.M. Kempes
(31) 102014013328
(32) 15.09.2014
(33) Germany
(47) 02.01.2019
-
- (51) B65D 47/28
(11) EP3283391
(21) EP16709009.1
(22) 07.03.2016
(54) A CLOSURE ASSEMBLY FOR A
CONTAINER
- (73) Unilever N.V.
(72) CHEN, Jun
IYER, Nurani, Dharmaraj, Krishnaprakash
PARGEN, Peter, Erich
(74) dr. C.W.R. Mulder c.s.
(31) PCT/CN2015/074702
15165625
(32) 20.03.2015
29.04.2015
(33) World Intellectual Property Office (WIPO)
European Patent Office (EPO)
(47) 27.02.2019
-
- (51) B65D 71/36
B65D 5/44
B65D 5/70
B65D 71/28
B65D 5/46
B65D 71/38
(11) EP2470439
(21) EP10812697.0
(22) 30.08.2010
(54) CARTON WITH INSERT
- (73) Graphic Packaging International, LLC
(72) BRAND, Kirsten, L.
(74) ir. F.A. Geurts c.s.
(31) 275403 P

- (32) 28.08.2009
 (33) United States of America
 (47) 30.01.2019
-
- (51) B65D 75/56
 B65D 75/58
 (11) EP2643235
 (21) EP11808402.9
 (22) 22.11.2011
 (54) REFILL BAG
 (73) Method Products, PBC
 (72) BECKER, Rudiger
 HANDY, Francis, J.
 (74) ir. J.P.E. Brants
 (31) 954202
 (32) 24.11.2010
 (33) United States of America
 (47) 09.01.2019
-
- (51) B65D 81/20
 B65D 77/04
 B65D 75/36
 B65D 77/00
 (11) EP2768747
 (21) EP12865586.7
 (22) 18.10.2012
 (54) CONTACT LENS SECONDARY
 PACKAGING
 (73) Menicon Singapore Pte Ltd.
 (72) NEWMAN, Stephen, D
 (74) ir. J.M.G. Dohmen c.s.
 (31) 201107631
 (32) 18.10.2011
 (33) Singapore
 (47) 09.01.2019
-
- (51) B65D 83/00
 G03G 15/10
 B01F 13/10
 G03G 15/08
 (11) EP2417038
 (21) EP10762356.3
 (22) 07.04.2010
 (54) PUMP-LESS TONER DISPENSER
 (73) 3M Innovative Properties Co.
 (72) CENTOFANTE, Charles A.
 BOOTHMAN, Brian S.
 (31) 419908
 419906
 (32) 07.04.2009
 07.04.2009
 (33) United States of America
 United States of America
 (47) 16.01.2019
-
- (51) B65D 83/14
 (11) EP2134623
 (21) EP08717698.8
 (22) 12.03.2008
 (54) A CONTAINER FOR HOLDING A FLUID
 AND AN ASSEMBLY OF A CONTAINER
 AND AN OUTLET
 (73) Packaging Technology Participation
 Netherlands B.V.
 (72) VANBLAERE, Roland
 KEGELS, Willy
 (74) mr.ir. F.N. Ferro
 (31) 0704745
 (32) 12.03.2007
 (33) United Kingdom
 (47) 06.03.2019
-
- (51) B65G 21/14
 B65G 47/64
 B65G 47/68
 B65G 15/60
 (11) EP3124406
 (21) EP14886779.9
 (22) 28.03.2014
 (54) TRANSPORT CONVEYOR AND
 TRANSPORT UNIT
 (73) Daifuku Co., Ltd.
 (72) FUJIO, Yoshihiko
 (74) mr. ir. J. van Breda c.s.
 (47) 09.01.2019
-
- (51) B65G 47/52
 (11) EP3186174
 (21) EP15771258.9
 (22) 19.08.2015
 (54) PRODUCT TRANSFER SYSTEM
 LOCATED IN AN ENCLOSED
 INDUSTRIAL ENVIRONMENT
 (73) Guidi, Anna
 (72) Guidi, Anna
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) BO20140474
 (32) 29.08.2014
 (33) Italy
 (47) 26.12.2018
-
- (51) B65G 47/91
 B25J 15/06
 B66C 1/02
 (11) EP3281893
 (21) EP16183937.8
 (22) 12.08.2016
 (54) MULTIPLE SUCTION GRIPPER
 (73) MULTIVAC Sepp Haggenmüller SE & Co.
 KG
 (72) RIED, Andreas
 (74) ir. M.F.J.M. Ketelaars c.s.
 (47) 30.01.2019
-
- (51) B65H 18/10
 B65H 23/032
 B65H 35/02
 (11) EP3243778
 (21) EP17169535.6
 (22) 04.05.2017
 (54) MACHINE FOR THE PRODUCTION
 OF SPOOLS WITH A SYSTEM FOR
 ALIGNMENT OF THE LONGITUDINAL
 CUTTING BLADES AND THE PATH
 OF THE LONGITUDINAL STRIPS
 GENERATED BY CUTTING WITH THE
 BLADES, AND RELEVANT METHOD
 (73) A.Celli Nonwovens S.P.A.
 (72) VERGENTINI, Francesco
 MENCONI, Andrea
 (74) ir. C.M. Jansen c.s.
 (31) UA20163346
 (32) 11.05.2016
 (33) Italy
 (47) 09.01.2019
-
- (51) B65H 35/08
 A61F 13/15
 A61F 13/472
 A61F 13/49
 B26D 1/36
 B26D 1/40
 B32B 37/00
 B65H 39/14
 (11) EP3048072
 (21) EP14856277.0
 (22) 10.10.2014
 (54) COMPOSITE SHEET MANUFACTURING
 DEVICE AND COMPOSITE SHEET
 MANUFACTURING METHOD
 (73) Zuiko Corporation
 (72) WADA, Takao
 (74) ir. J.C. Volmer c.s.
 (31) 2013218947
 2013218948
 (32) 22.10.2013
 22.10.2013
 (33) Japan
 Japan
 (47) 27.03.2019
-
- (51) B65H 51/12
 B65H 51/18
 B65H 57/00
 (11) EP3288878
 (21) EP16721469.1
 (22) 29.04.2016
 (54) OPTICAL FIBER MANUFACTURING
 MACHINE, AND METHOD FOR
 POSITIONING THE OPTICAL FIBER IN A
 MACHINE OF SAID TYPE
 (73) Conductix Wampfler France
 (72) GRILLET, Michel
 (74) ir. F.A. Geurts c.s.
 (31) 1553839
 (32) 29.04.2015
 (33) France
 (47) 30.01.2019
-
- (51) B66B 1/46
 (11) EP2373563
 (21) EP09765134.3
 (22) 11.12.2009
 (54) METHOD FOR DISCRIMINATORY USE
 OF A LIFT FACILITY
 (73) Inventio AG
 (72) FINSCHI, Lukas
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 08171274
 (32) 11.12.2008
 (33) European Patent Office (EPO)
 (47) 30.01.2019
-
- (51) B66B 7/06
 B66B 9/187
 (11) EP3239089
 (21) EP16382184.6
 (22) 27.04.2016
 (54) WIND TURBINE WITH ELEVATOR
 SYSTEM
 (73) AIP APS
 (72) SACRAMENTO GARCÍA, Germán Manuel
 COLOMA CALVO, Jesús Angel
 (74) drs. C.M.A. Quintelier
 (47) 09.01.2019
-
- (51) B66B 9/08
 (11) EP2935074
 (21) EP13818484.1
 (22) 12.12.2013
 (54) STAIR LIFT DRIVE WITH ROTATABLE
 MOUNTING PART FOR SEAT
 (73) thyssenkrupp Stairlifts B.V.
 (72) DE JONG, Rolf Bernard
 BOXUM, Cornelis
 MULDER, Gijs Jan Jacobs

(74) ir. C.M. Jansen c.s.	(47) 02.01.2019	(31) 2015185974
(31) 2010014	(51) C01F 11/18	(32) 18.09.2015
(32) 19.12.2012	C09C 1/02	(33) Japan
(33) Netherlands	C09C 3/04	(47) 06.02.2019
(47) 06.02.2019	D21H 19/38	(51) C02F 1/38
(51) B66C 6/00	D21H 21/52	C02F 3/30
B66C 7/08	(11) EP2786965	(11) EP2925676
(11) EP3323764	(21) EP13005654.2	(21) EP13858077.4
(21) EP17192718.9	(22) 12.09.2006	(22) 27.11.2013
(22) 22.09.2017	(54) Process of manufacturing a co-ground calcium carbonate material of the GCC and PCC type with a specific steepness factor, obtained products and their uses	(54) METHOD AND APPARATUS FOR WASTEWATER TREATMENT USING GRAVIMETRIC SELECTION
(54) HOLLOW PROFILE		(73) Hampton Roads Sanitation District
(73) Hans Künz GmbH	(73) Omya International AG	D.C. Water & Sewer Authority
(72) Klapper, Georg	(72) Rainer, Christian	O'Shaughnessy, Maureen
(74) ir. J.M.G. Dohmen c.s.	Pohl, Michael	Wett, Bernhard
(31) 5262016	(74) J.M.H. Duyver lic.	(72) NYHUIS, Geert
(32) 17.11.2016	(31) 05077113	O'SHAUGHNESSY, Maureen
(33) Austria	(32) 16.09.2005	WETT, Bernhard
(47) 27.02.2019	(33) European Patent Office (EPO)	BOTT, Charles
(51) B66C 7/14	(47) 09.01.2019	MURTHY, Sudhir
B66C 7/16	(51) C01G 49/06	(74) ir. W.J.J.M. Kempes
A61G 7/10	A61K 33/26	(31) 201261730196 P
(11) EP3166880	B01J 20/06	(32) 27.11.2012
(21) EP15819431.6	C02F 1/28	(33) United States of America
(22) 02.07.2015	B01J 20/02	(47) 26.12.2018
(54) ARRANGEMENT FOR SECURE TRANSFER OF A TRAVELLING TROLLEY BETWEEN A FIRST AND A SECOND RAIL IN A HOISTING SYSTEM	A23L 33/16	(51) C03B 5/235
(73) V. Guldmann A/S	A23K 20/20	C03B 5/237
(72) BØGH-SØRENSEN, Ole	(11) EP1899270	F23L 15/04
STRÆDE, Johnni	(21) EP05753905.8	F25J 3/04
PLOUGSGAARD, Holger Søren	(22) 21.06.2005	(11) EP3087041
(74) ir. P.J. Hylarides c.s.	(54) METHOD FOR PRODUCING AN IRON SULFATE-BASED PHOSPHATE ADSORBENT	(21) EP14835481.4
(31) 201470432	(73) VIFOR (INTERNATIONAL) AG	(22) 19.12.2014
(32) 10.07.2014	(72) MÜLLER, Hans-Martin	(54) COMBUSTION WITH IMPROVED HEAT RECOVERY
(33) Denmark	PHILIPP, Erik	(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(47) 26.12.2018	GEISSER, Peter	(72) JARRY, Luc
(51) B67B 3/20	(74) ir. C.M. Jansen c.s.	JOUMANI, Youssef
B67B 7/18	(31) 102004031181	LEROUX, Bertrand
G01N 35/04	(32) 28.06.2004	TSIAVA, Rémi
(11) EP2882677	(33) Germany	(74) ir. M.F.J.M. Ketelaars c.s.
(21) EP13752860.0	(47) 27.02.2019	(31) 1363459
(22) 05.08.2013	(51) C01G 55/00	(32) 23.12.2013
(54) TEST TUBE CAPPING AND DE-CAPPING APPARATUS AND METHOD	G01N 23/223	(33) France
(73) Cedrex A/S	H01M 8/14	(47) 27.02.2019
(72) CHRISTENSEN, Stig	H01M 4/86	(51) C03B 37/02
HOVENDAHL, Lars	B01J 23/44	C03C 3/087
NIELSEN, Michael Gabs Kaagaard	B01J 23/89	C03C 1/00
(74) dr. A. Krebs	H01M 4/92	C03B 5/00
(31) 201200492	H01M 8/10	C03B 5/235
(32) 07.08.2012	H01M 4/90	C03B 5/183
(33) Denmark	H01M 8/1004	C03B 5/12
(47) 26.12.2018	(11) EP3240070	C03B 5/44
(51) C01B 11/04	(21) EP16846336.2	C03C 13/06
(11) EP3215459	(22) 07.09.2016	(11) EP3027569
(21) EP15807970.7	(54) ELECTRODE CATALYST, GAS DIFFUSION ELECTRODE-FORMING COMPOSITION, GAS DIFFUSION ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL STACK	(21) EP14750334.6
(22) 09.11.2015		(22) 30.07.2014
(54) HYPOCHLOROUS ACID SOLUTIONS, PROCESS FOR PREPARING THEM AND THEIR USES		(54) PROCESS FOR MANUFACTURING VITRIFIED MATERIAL BY MELTING
(73) Xanadox Technologies Limited	(73) N.E. Chemcat Corporation	(73) Knauf Insulation
(72) BARRETT, Richard Maxwell	(72) NAGAMORI, Kiyotaka	(72) DEMOTT, Jerry
(74) ir. C.M. Jansen c.s.	MIZUSAKI, Tomoteru	MAROLT, Bostjan
(31) 201419901	NAKAMURA, Yoko	ETZKORN, Randy
(32) 07.11.2014	IGARASHI, Hiroshi	DUCARME, David
(33) United Kingdom	SEKI, Yasuhiro	(74) J.M.H. Duyver lic.
	(74) mr. ir. J. van Breda c.s.	(31) 201313656

(32) 31.07.2013	C04B 40/00	TSALOS, Johannis
(33) United Kingdom	C04B 28/02	(74) mr. ir. J. van Breda c.s.
(47) 09.01.2019	C04B 20/02	(31) 15158268
(51) C03C 17/42	(11) EP2215031	(32) 09.03.2015
C03C 17/02	(21) EP08850291.9	(33) European Patent Office (EPO)
C03C 17/04	(22) 10.11.2008	(47) 02.01.2019
C03C 17/00	(54) METHOD FOR PROCESSING OF POZZOLANS.	(51) C04B 41/50
(11) EP2004563	(73) Procedo Enterprises Etablissement	C04B 41/52
(21) EP07726834.0	(72) RONIN, Vladimir	(11) EP2814790
(22) 13.03.2007	RONIN, Igor	(21) EP13703610.9
(54) COATED GLASS SHEET	PIKE, Clinton Wesley	(22) 12.02.2013
(73) AGC Glass Europe	(74) ir. C.M. Jansen c.s.	(54) HIGH PERFORMANCE BIODEPOSITION FOR STRENGTHENING OF MATERIALS
(72) SCARSO, Florent	(31) 0702483	(73) Universiteit Gent
BOUESNARD, Olivier	(32) 12.11.2007	(72) DE MUYNCK, Willem
JACOBS, Nadia	(33) Sweden	(74) ir. W.J.J.M. Kempes
(74) ir. W.J.J.M. Kempes	(47) 30.01.2019	(31) 12155132
(31) 06111034	(51) C04B 24/04	(32) 13.02.2012
06120436	(11) EP1896374	(33) European Patent Office (EPO)
(32) 13.03.2006	(21) EP06773013.5	(47) 02.01.2019
11.09.2006	(22) 13.06.2006	(51) C05F 3/00
(33) European Patent Office (EPO)	(54) GYPSUM SLURRY UTILIZING A TWO- REPEATING UNIT DISPERSANT	C05F 11/08
European Patent Office (EPO)	(73) UNITED STATES GYPSUM COMPANY	(11) EP3162784
(47) 02.01.2019	(72) LIU, Qingxia	(21) EP15003090.6
(51) C03C 27/12	SHAKE, Michael, P.	(22) 29.10.2015
B32B 27/30	BLACKBURN, David, R.	(54) METHOD FOR THE PREPARATION OF BIOMASS FERTILIZER FROM ION SOLUTIONS CONTAINED IN THE LIQUID MANURE
C08L 29/14	WILSON, John, W.	(73) Gilhofer, Andree
(11) EP3053891	RANDALL, Brian	(72) Gilhofer, Andree
(21) EP14848755.6	LETTKEMAN, Dennis, M.	(74) ir. C.M. Jansen c.s.
(22) 30.09.2014	(74) ir. C.M. Jansen c.s.	(47) 20.03.2019
(54) INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS	(31) 152418	(51) C07C 2/66
(73) Sekisui Chemical Co., Ltd.	449924	C07C 15/085
(72) YOSHIDA, Shougo	(32) 14.06.2005	C07C 15/073
IWAMOTO, Tatsuya	09.06.2006	B01J 29/04
SHIMAMOTO, Michio	(33) United States of America	(11) EP2911999
(74) ir. M.F.J.M. Ketelaars c.s.	United States of America	(21) EP13848560.2
(31) 2013205105	(47) 26.12.2018	(22) 11.10.2013
2013205106	(51) C04B 28/00	(54) HIGHLY SELECTIVE ALKYLATION PROCESS WITH LOW ZEOLITE CATALYST COMPOSITION
(32) 30.09.2013	(11) EP3274316	(73) UOP LLC
30.09.2013	(21) EP16722425.2	(72) JAN, Deng-Yang
(33) Japan	(22) 25.03.2016	SCHMIDT, Robert, J.
Japan	(54) AN INORGANIC INSULATION MATERIAL BASED ON POROUS GEOPOLYMER	COX, Pelin
(47) 30.01.2019	(73) Kaleseramik Canakkale Kalebodur Seramik	(74) ir. W.J.J.M. Kempes
(51) C04B 14/06	Sanayi Anonim Sirketi	(31) 201213661200
C04B 18/02	(72) YILDIRIM, Yildiz	(32) 26.10.2012
(11) EP3142980	YIGIT PALA, Cigdem	(33) United States of America
(21) EP15747087.3	KARA, Ferhat	(47) 16.01.2019
(22) 09.05.2015	KAYACI, Kagan	(51) C07C 5/367
(54) METHOD AND DEVICE FOR PRODUCING ARTIFICIAL CRUSHED SAND BY MEANS OF A THERMAL TREATMENT USING SAND IN THE FORM OF FINE SAND AND/OR ROUND SAND AS THE STARTING MATERIAL	(74) dr. A. Krebs	C07C 37/07
(73) Innovative Sand GmbH	(31) 201503582	C07C 37/08
(72) BEHNISCH, Dennis	(32) 25.03.2015	C07C 15/04
IKIC, Jovan	(33) Turkey	C07C 45/53
(74) J.M.H. Duyver lic.	(47) 02.01.2019	C07C 409/14
(31) 102014006942	(51) C04B 28/14	C07C 49/403
102014019319	C04B 28/16	B01J 35/10
(32) 10.05.2014	(11) EP3145892	B01J 23/58
21.12.2014	(21) EP16709338.4	B01J 37/00
(33) Germany	(22) 08.03.2016	C07C 407/00
Germany	(54) CONSTRUCTION CHEMICAL FORMULATION	(11) EP2531480
(47) 09.01.2019	(73) Uzin Utz AG	(21) EP10795598.1
(51) C04B 20/00	(72) WILDE, Markus	(22) 17.12.2010
C04B 18/08	SCHILLER, Sven	(54) DEHYDROGENATION PROCESS
	GRETZ, Markus	(73) ExxonMobil Chemical Patents Inc.
	HAMBERGER, Robert	

- (72) DAKKA, Jihad, M.
DECAUL, Lorenzo, C.
MISEO, Sabato
LATTNER, James, R.
CHEN, Tan-Jen
HELTON, Terry, E.
XU, Teng
(74) ir. W.J.J.M. Kempes
(31) 301786 P
(32) 05.02.2010
(33) United States of America
(47) 16.01.2019
-
- (51) C07C 7/13
C10G 25/05
C07C 11/08
B01J 20/06
B01J 20/08
B01J 20/28
C10G 25/00
C10G 53/08
C10G 53/14
C10G 55/04
C10G 57/00
C10G 57/02
C10G 67/06
(11) EP3079809
(21) EP14793560.5
(22) 05.11.2014
(54) CLEANING OF LIQUID HYDROCARBON
STREAMS BY MEANS OF COPPER-
CONTAINING SORBENTS
(73) Evonik Degussa GmbH
(72) GEILEN, Frank
PEITZ, Stephan
STOCHNIOL, Guido
WINTERBERG, Markus
MASCHMEYER, Dietrich
RIX, Armin
VOGT, Mathias
(74) ir. W.J.J.M. Kempes
(31) 102013225724
(32) 12.12.2013
(33) Germany
(47) 02.01.2019
-
- (51) C07C 11/21
C07C 7/04
A61K 9/107
A61K 31/01
A61K 39/39
A61K 47/06
A61P 31/16
A61K 39/00
A61K 39/145
B01D 3/10
C12N 7/00
B01D 3/14
(11) EP3103784
(21) EP16176832.0
(22) 12.05.2011
(54) MANUFACTURE OF AN OIL-IN-WATER
EMULSION COMPRISING SQUALENE
(73) NOVARTIS AG
(72) HORA, Maninder
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 395448 P
(32) 12.05.2010
(33) United States of America
(47) 06.02.2019
-
- (51) C07C 45/50
C07C 47/02
C07C 5/333
C01B 3/26
(11) EP2582651
(21) EP11725111.6
(22) 16.06.2011
(54) ENERGY-EFFICIENT SYNTHESIS OF
ALIPHATIC ALDEHYDES MADE OF
ALKANES AND CARBON DIOXIDE
(73) Evonik Degussa GmbH
(72) FRANKE, Robert
FRIDAG, Dirk
HAMERS, Bart
ZANTHOFF, Horst-Werner
BLUG, Matthias
STRAUTMANN, Julia
NORDHOFF, Stefan
(74) ir. W.J.J.M. Kempes
(31) 102010030209
(32) 17.06.2010
(33) Germany
(47) 26.12.2018
-
- (51) C07C 45/75
(11) EP3024812
(21) EP14741261.3
(22) 15.07.2014
(54) METHOD OF REGULATING THE
WATER CONTENT IN A CONTINUOUS
METHOD FOR PRODUCING
METHACROLEIN
(73) Evonik Röhm GmbH
(72) BURGHARDT, Rudolf
GLUTH, Frederik
KÖLBL, Gerhard
KRILL, Steffen
BALDUF, Torsten
(74) ir. W.J.J.M. Kempes
(31) 13177889
(32) 24.07.2013
(33) European Patent Office (EPO)
(47) 02.01.2019
-
- (51) C07C 45/75
C07C 51/25
C07C 51/48
(11) EP3221287
(21) EP15794590.8
(22) 16.11.2015
(54) OPTIMIZED PROCESS FOR PREPARING
METHACRYLIC ACID
(73) Evonik Röhm GmbH
(72) KRILL, Steffen
BURGHARDT, Rudolf
RACZEK, Melanie
BALDUF, Torsten
(74) ir. W.J.J.M. Kempes
(31) 14193871
(32) 19.11.2014
(33) European Patent Office (EPO)
(47) 02.01.2019
-
- (51) C07C 51/23
C07C 51/41
C07C 51/46
(11) EP3221288
(21) EP14801998.7
(22) 18.11.2014
(54) PROCESS FOR OBTAINING A FORMATE
FROM A REACTION MIXTURE
-
- (73) Jbach GmbH
(72) JBACH, Hermann Wolf
PLATTEN, Carmen
SCHOLZ, Gunthard
BÖSMANN, Andreas
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 26.12.2018
-
- (51) C07C 51/265
C07C 51/31
C07C 63/16
C07D 307/89
(11) EP3013784
(21) EP14818631.5
(22) 16.06.2014
(54) PROCESS FOR STARTING UP A GAS
PHASE OXIDATION REACTOR
(73) BASF SE
(72) KRÄMER, Michael
FISCHER, Nico Frederik
ZÜHLKE, Jürgen
ALLMANN, Hans-Martin
(74) ir. W.J.J.M. Kempes
(31) 13173691
(32) 26.06.2013
(33) European Patent Office (EPO)
(47) 26.12.2018
-
- (51) C07C 67/03
C07C 69/67
(11) EP3110788
(21) EP15713820.7
(22) 23.02.2015
(54) PROCESS FOR MAKING ESTERS OF 2-
ACETOXYALKANOIC ACIDS USING AN
ALPHA-HYDROXYALKANOIC ACID
ESTER AND AN ACETATE ESTER AS
STARTING MATERIALS
(73) NatureWorks LLC
(72) KULSHRESTHA, Aman
SCHROEDER, Joseph David
BRAY, Steven Scott
(74) ir. C.M. Jansen c.s.
(31) 201461943989 P
(32) 24.02.2014
(33) United States of America
(47) 06.02.2019
-
- (51) C07C 67/08
A61K 47/14
C07C 69/30
C11C 3/06
(11) EP2819989
(21) EP13755282.4
(22) 28.02.2013
(54) METHOD FOR THE PREPARATION OF
TRIGLYCERIDES OF MEDIUM-CHAIN
LENGTH FATTY ACIDS
(73) PROMETIC PHARMA SMT LIMITED
(72) BOULOS, Zacharie
DUCEPPE, Jean-Simon
PENNEY, Christopher
(74) ir. W.J.J.M. Kempes
(31) 201261605489 P
(32) 01.03.2012
(33) United States of America
(47) 16.01.2019
-
- (51) C07C 67/37
C07C 69/24
C07F 9/58
B01J 27/13

(11) EP3272730	C07D 213/81	A61P 43/00
(21) EP16180054.5	C07D 215/52	C07D 401/14
(22) 19.07.2016	C07D 401/12	C07D 405/14
(54) METHOD FOR THE ALKOXYCARBONYLATION OF ETHERS	C07D 405/04	C07D 409/14
(73) Evonik Degussa GmbH	(11) EP3083554	C07D 417/12
(72) DONG, Kaiwu	(21) EP14827908.6	C07D 417/14
JACKSTELL, Ralf	(22) 11.12.2014	A61P 19/00
NEUMANN, Helfried	(54) DIMETHYLBENZOIC ACID COMPOUNDS	(11) EP2264009
BELLER, Matthias	(73) Eli Lilly & Company	(21) EP09721163.5
FRIDAG, Dirk	(72) BLANCO-PILLADO, Maria-Jesus	(22) 12.03.2009
HESS, Dieter	MANNINEN, Peter Rudolph	(54) PYRIDYLAMINOACETIC ACID COMPOUND
DYBALLA, Katrin Marie	SCHIFFLER, Matthew Allen	(73) Ube Industries, Ltd.
GEILEN, Frank	VETMAN, Tatiana Natali	(72) IWAMURA, Ryo
FRANKE, Robert	WARSHAWSKY, Alan M.	TANAKA, Masayuki
(74) ir. W.J.J.M. Kempes	YORK, Jeremy Schulenburg	KATSUBE, Tetsushi
(47) 02.01.2019	(74) ir. J.C. Volmer c.s.	SHIGETOMI, Manabu
(51) C07C 67/38	(31) 201361916824 P	OKANARI, Eiji
C07C 69/24	(32) 17.12.2013	TOKUNAGA, Yasunori
(11) EP3272733	(33) United States of America	FUJIWARA, Hiroshi
(21) EP16180058.6	(47) 13.03.2019	(74) J.M.H. Duyver lic.
(22) 19.07.2016	(51) C07C 309/80	(31) 2008062926
(54) METHOD FOR THE ALCOXYCARBONYLATION OF OLEFINS IN A MEDIUM WITH LOW BRØNSTED ACID CONCENTRATION	C07C 309/81	(32) 12.03.2008
(73) Evonik Degussa GmbH	C07C 303/02	(33) Japan
(72) FANG, Xiangjie	C07C 303/38	(47) 06.03.2019
DONG, Kaiwu	C07C 309/06	(51) C07D 213/84
NEUMANN, Helfried	C07C 311/48	C07D 401/04
JACKSTELL, Ralf	(11) EP3016933	C07D 213/61
BELLER, Matthias	(21) EP14736745.2	(11) EP3233803
FRIDAG, Dirk	(22) 03.07.2014	(21) EP15823875.8
HESS, Dieter	(54) NON-ELECTROCHEMICAL PROCESS FOR FLUORINATION OF SULPHONYL HALIDE COMPOUNDS	(22) 17.12.2015
DYBALLA, Katrin Marie	(73) Rhodia Operations	(54) PROCESS FOR THE PREPARATION OF A DIARYLTHIOHYDANTOIN COMPOUND
GEILEN, Frank	(72) METZ, François	(73) Aragon Pharmaceuticals, Inc.
FRANKE, Robert	(74) ir. W.J.J.M. Kempes	(72) HAIM, Cyril Ben
(74) ir. W.J.J.M. Kempes	(31) 1301593	HORVATH, Andras
(47) 02.01.2019	(32) 04.07.2013	WEERTS, Johan Erwin Edmond
(51) C07C 213/04	(33) France	(74) ir. M.F.J.M. Ketelaars c.s.
C07C 217/08	(47) 26.12.2018	(31) 201462094436 P
(11) EP3122716	(51) C07D 211/56	(32) 19.12.2014
(21) EP15709896.3	C07D 213/74	(33) United States of America
(22) 11.03.2015	C07D 211/72	(47) 30.01.2019
(54) ETHERAMINES BASED ON DIALCOHOLS	(11) EP2994454	(51) C07D 213/89
(73) BASF SE	(21) EP14869304.7	C07D 401/12
(72) EBERT, Sophia	(22) 02.12.2014	C07D 407/12
LUDOLPH, Björn	(54) AN IMPROVED PROCESS FOR THE PREPARATION OF (3R,4R)-(1- BENZYL-4-METHYLPYPERIDIN-3-YL)- METHYLAMINE	C07D 417/12
WIGBERS, Christof Wilhelm	(73) UNICHEM LABORATORIES LIMITED	C07D 213/61
EIDAMSHAUS, Christian	(72) SATHE, Dhananjay. G.	A61K 31/44
BOECKH, Dieter	DAS, Arijit	A61K 31/4427
HUELSKOETTER, Frank	PATIL, Yogesh Subhash	A61P 11/00
LOUGHNANE, Brian J.	BONDE, Nilesh L.	A61P 37/08
EICHSTADT WAUN, Amy	KEKAN, Ankush Sampat	(11) EP2928869
CHRISTMAS, Kevin	(74) drs. C.M.A. Quintelier	(21) EP13814850.7
REES, Darren	(31) 3843MU2013	(22) 04.12.2013
SCIALLA, Stefano	(32) 09.12.2013	(54) 1-PHENYL-2-PYRIDINYL ALKYL ALCOHOL DERIVATIVES AS PHOSPHODIESTERASE INHIBITORS
(74) ir. W.J.J.M. Kempes	(33) India	(73) Chiesi Farmaceutici S.p.A.
(31) 14162043	(47) 06.03.2019	(72) ARMANI, Elisabetta
201461993317 P	(51) C07D 213/74	AMARI, Gabriele
(32) 27.03.2014	A61K 31/4439	CAPALDI, Carmelida
15.05.2014	A61K 31/444	CARZANIGA, Laura
(33) European Patent Office (EPO)	A61K 31/501	ESPOSITO, Oriana
United States of America	A61K 31/506	(74) ir. C.M. Jansen c.s.
(47) 26.12.2018	A61P 11/00	(31) 12195738
(51) C07C 235/42	A61P 11/06	(32) 05.12.2012
C07C 233/81		(33) European Patent Office (EPO)
		(47) 20.02.2019

- (51) C07D 249/08
A61K 31/497
A61P 35/00
(11) EP3010892
(21) EP14738998.5
(22) 20.06.2014
(54) 1,2,4-TRIAZOLES AS NUCLEAR TRANSPORT MODULATORS AND USES THEREOF
(73) Karyopharm Therapeutics, Inc.
(72) BALOGLU, Erkan
SHACHAM, Sharon
MCCAULEY, Dilara
KASHYAP, Trinayan
SENAPEDIS, William
LANDESMAN, Yosef
GOLAN, Gali
KALID, Ori
SHECHTER, Sharon
(74) ir. W.J.J.M. Kempes
(31) 201361838172 P
(32) 21.06.2013
(33) United States of America
(47) 26.12.2018
-
- (51) C07D 307/68
(11) EP2714674
(21) EP12789796.5
(22) 10.05.2012
(54) AN OXIDATION PROCESS TO PRODUCE A CRUDE AND/OR PURIFIED CARBOXYLIC ACID PRODUCT
(73) Eastman Chemical Company
(72) JANKA, Mesfin, Ejerssa
LANGE, David, Milton
MORROW, Michael, Charles
BOWERS, Bradford, Russell
PARKER, Kenny, Randolph
SHAIKH, Ashfaq
PARTIN, Lee, Reynolds
SUMNER, Charles, Edward, Jr.
(74) ir. C.M. Jansen c.s.
(31) 201161489493 P
201113228803
(32) 24.05.2011
09.09.2011
(33) United States of America
United States of America
(47) 13.03.2019
-
- (51) C07D 307/81
A61K 31/343
A61P 3/00
(11) EP3105213
(21) EP15706546.7
(22) 12.02.2015
(54) DIHYDROBENZOFURAN COMPOUNDS USEFUL IN THE TREATMENT OF DIABETES AND OBESITY
(73) Takeda Pharmaceutical Company Limited
(72) SASAKI, Minoru
KAKEGAWA, Keiko
KIKUCHI, Fumiaki
IKEDA, Zenichi
NISHIKAWA, Yoichi
(74) ir. W.J.J.M. Kempes
(31) 2014025832
(32) 13.02.2014
(33) Japan
(47) 09.01.2019
-
- (51) C07D 311/92
C12P 17/06
(11) EP3201184
(21) EP15770541.9
(22) 28.09.2015
(54) METHOD FOR THE BIOCATALYTIC CYCLISATION OF GERANYLLINALOOL AND RESULTING CYCLISATION PRODUCTS
(73) BASF SE
(72) BREUER, Michael
PELZER, Ralf
(74) ir. W.J.J.M. Kempes
(31) 14186830
(32) 29.09.2014
(33) European Patent Office (EPO)
(47) 02.01.2019
-
- (51) C07D 401/04
(11) EP3233823
(21) EP15828426.5
(22) 17.12.2015
(54) PROCESSES FOR THE PREPARATION OF A DIARYLTHIOHYDANTOIN COMPOUND
(73) Aragon Pharmaceuticals, Inc.
(72) HAIM, Cyril Ben
HORVATH, Andras
WEERTS, Johan Erwin Edmond
ALBANEZE-WALKER, Jennifer
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462094425 P
(32) 19.12.2014
(33) United States of America
(47) 30.01.2019
-
- (51) C07D 401/04
A61K 31/4545
A61P 1/00
A61P 5/08
A61P 43/00
(11) EP3053916
(21) EP14847684.9
(22) 29.09.2014
(54) COMPOUND HAVING SOMATOSTATIN RECEPTOR AGONISTIC ACTIVITY AND PHARMACEUTICAL USE THEREOF
(73) Ono Pharmaceutical Co., Ltd.
(72) ISHIDA, Akiharu
MATSUSHITA, Takeshi
SEKIGUCHI, Tetsuya
OKABE, Yasuyuki
KOMAGATA, Tatsuya
NISHIO, Takuya
(74) ir. C.M. Jansen c.s.
(31) 2013205027
2013268902
(32) 30.09.2013
26.12.2013
(33) Japan
Japan
(47) 30.01.2019
-
- (51) C07D 417/14
C07D 487/04
A61P 31/04
A61K 31/427
A61K 31/496
A61K 31/4439
A61K 31/454
A61K 31/437
-
- (11) EP3122745
(21) EP15714147.4
(22) 23.03.2015
(54) MONOBACTAM ORGANIC COMPOUNDS FOR THE TREATMENT OF BACTERIAL INFECTIONS
(73) Novartis AG
(72) AULAKH, Virender Singh
CASAREZ, Anthony
LIN, Xiaodong
LINDVALL, Mika
MCENROE, Glenn
MOSEER, Heinz Ernst
RECK, Folkert
TJANDRA, Meiliana
SIMMONS, Robert Lowell
YIFRU, Aregahegn
ZHU, Qingming
(74) J.M.H. Duyver lic.
(31) 201461969735 P
201462088304 P
(32) 24.03.2014
05.12.2014
(33) United States of America
United States of America
(47) 27.02.2019
-
- (51) C07D 487/04
A61K 31/519
C07D 519/00
C07D 498/22
C07D 487/22
C07D 471/22
(11) EP3205654
(21) EP17163978.4
(22) 13.05.2011
(54) MACROCYCLIC COMPOUNDS AS TRK KINASE INHIBITORS
(73) Array Biopharma, Inc.
(72) ANDREWS, Steven Wade
CONDROSKI, Kevin Ronald
HAAS, Julia
JIANG, Yutong
KOLAKOWSKI, Gabrielle R.
SEO, Jeongbeob
YANG, Hong-Woon
ZHAO, Qian
(74) ir. W.J.J.M. Kempes
(31) 346767 P
201061426716 P
(32) 20.05.2010
23.12.2010
(33) United States of America
United States of America
(47) 02.01.2019
-
- (51) C07F 7/18
C08L 83/04
C08K 5/5455
(11) EP3271367
(21) EP16711802.5
(22) 16.03.2016
(54) SILANES AND CURABLE COMPOSITIONS WHICH CONTAIN SAID SILANES AS CROSS-LINKING AGENTS
(73) Henkel AG & Co. KGaA
(72) GUTACKER, Andrea
KLEIN, Johann
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102015204788

(32) 17.03.2015	Spasyuk, Denis	(73) Nanoscience for life GmbH & Co. KG
(33) Germany	(72) Goussev, Dmitri	GEA Westfalia Separator Group GmbH
(47) 30.01.2019	Spasyuk, Denis	(72) DIETZ, Ulrich
(51) C07F 9/145	(74) ir. W.J.J.M. Kempes	HRUSCHKA, Steffen
C07F 9/6574	(31) 201161524815 P	(74) dr. A. Ellens c.s.
(11) EP3145938	201261593840 P	(31) 102014210662
(21) EP15720942.0	(32) 18.08.2011	(32) 04.06.2014
(22) 29.04.2015	01.02.2012	(33) Germany
(54) METHOD FOR PRODUCING	(33) United States of America	(47) 09.01.2019
MONOPHOSPHITES	United States of America	(51) C07K 1/30
(73) Evonik Degussa GmbH	(47) 16.01.2019	C07K 16/00
(72) DYBALLA, Katrin Marie	(51) C07F 17/00	(11) EP2935309
FRANKE, Robert	B01J 31/22	(21) EP13795434.3
(74) ir. W.J.J.M. Kempes	C08F 4/659	(22) 25.11.2013
(31) 102014209534	C08F 4/6592	(54) COPOLYMERS FOR PROTEIN
102014209532	C07C 49/115	PRECIPITATION
102014209533	C07C 13/465	(73) Merck Patent GmbH
102014209535	C07C 21/06	(72) BAUER, Johann
102014209536	(11) EP3152218	RAPP, Almut
102015202722	(21) EP15725660.3	STANISLAWSKI, Bernd
(32) 20.05.2014	(22) 02.06.2015	CAPITO, Florian
20.05.2014	(54) PROCESS FOR SYNTHESIS OF INDENES	(74) ir. C.M. Jansen c.s.
20.05.2014	(73) SCG Chemicals Co., Ltd.	(31) 12008475
20.05.2014	(72) O'HARE, Dermot	(32) 20.12.2012
16.02.2015	BUFFET, Jean-Charles	(33) European Patent Office (EPO)
(33) Germany	ARNOLD, Thomas	(47) 23.01.2019
Germany	MAYALARP, Vichitt	(51) C07K 14/59
Germany	(74) dr. A. Krebs	C07K 14/755
Germany	(31) 201410202	C07K 14/79
Germany	(32) 09.06.2014	A61K 38/00
Germany	(33) United Kingdom	A61K 35/14
Germany	(47) 26.12.2018	A61K 38/37
(47) 26.12.2018	(51) C07H 3/06	(11) EP2822577
(51) C07F 9/54	C07H 15/04	(21) EP13749382.1
A61P 35/04	A23L 29/30	(22) 15.02.2013
A61K 31/662	A23L 33/00	(54) RECOMBINANT FACTOR VIII
(11) EP2989110	(11) EP2706871	PROTEINS
(21) EP14721738.4	(21) EP12719746.5	(73) Bioverativ Therapeutics Inc.
(22) 07.04.2014	(22) 10.05.2012	(72) KULMAN, John
(54) TAMOXIFEN DERIVATIVES FOR	(54) NUTRITIONAL PRODUCTS	(74) ir. W.J.J.M. Kempes
TREATMENT OF NEOPLASTIC	COMPRISING HUMAN MILK	(31) 201261599305 P
DISEASES, ESPECIALLY WITH HIGH	OLIGOSACCHARIDES AND METHODS	201261670553 P
HER2 PROTEIN LEVEL	FOR MANUFACTURE THEREOF	201361759785 P
(73) Smart Brain s.r.o.	(73) Nestec S.A.	(32) 15.02.2012
Biotechnologický ustav AV CR, v.v.i.	(72) BRASSART, Dominique	11.07.2012
Neuzil, Jirí	DEKANY, Gyula	01.02.2013
KKCG AG	ERDMANN, Peter	(33) United States of America
(72) NEUZIL, Jirí	SCHWARZ, Andrea	United States of America
STURSA, Jan	SPRENGER, Norbert	United States of America
WERNER, Lukás	(74) ir. F.A. Geurts c.s.	(47) 06.02.2019
(31) 20130308	(31) 11166109	(51) C07K 14/71
20140066	(32) 13.05.2011	C12N 9/12
(32) 24.04.2013	(33) European Patent Office (EPO)	(11) EP2496698
29.01.2014	(47) 23.01.2019	(21) EP10829041.2
(33) Czech Republic	(51) C07H 15/04	(22) 03.11.2010
Czech Republic	C11B 1/10	(54) TRUNCATED EPIDERMAL GROWTH
(47) 08.08.2018	C11B 3/06	FACTOR RECEPTOR (EGFRt) FOR
(51) C07F 9/58	C11B 3/16	TRANSDUCED T CELL SELECTION
B01J 31/22	C11B 7/00	(73) City of Hope
C07B 31/00	C11B 11/00	(72) JENSEN, Michael C.
(11) EP2744815	C11C 1/00	(74) dr. A. Krebs
(21) EP12824170.0	(11) EP3152219	(31) 257567 P
(22) 20.08.2012	(21) EP15726612.3	(32) 03.11.2009
(54) HYDROGENATION AND	(22) 03.06.2015	(33) United States of America
DEHYDROGENATION CATALYST, AND	(54) METHOD FOR OBTAINING	(47) 09.01.2019
METHODS OF MAKING AND USING	GLYCOGLYCEROLIPIDS AND	(51) C07K 14/725
THE SAME	GLYCOSPHINGOLIPIDS FROM LIPOID	C07K 14/47
(73) Goussev, Dmitri	PHASES	A61P 35/00

A61K 35/26	C12N 5/10	A61P 35/00
(11) EP3126381	A61P 35/00	A61K 39/395
(21) EP15712657.4	A61P 37/00	C07K 16/28
(22) 30.03.2015	(11) EP2535355	C07K 16/32
(54) CLAUDIN-6-SPECIFIC	(21) EP12178780.8	C07K 16/40
IMMUNORECEPTORS AND T CELL	(22) 23.03.2006	A61K 39/00
EPITOPES	(54) Antibodies against CD38 for treatment of	(11) EP3019532
(73) Biontech Cell&Gene Therapies GmbH	multiple myeloma	(21) EP14823231.7
TRON - Translationale Onkologie an der	(73) Genmab A/S	(22) 09.07.2014
Universitätsmedizin der Johannes Gutenberg-	(72) Graus, Yvo	(54) HUMAN BISPECIFIC EGFRVIII
Universität Mainz gemeinnützige GmbH	Parren, Paul	ANTIBODY ENGAGING MOLECULES
Ganymed Pharmaceuticals GmbH	van de Winkel, Jan	(73) Duke University
(72) SAHIN, Ugur	de Weers, Michel	The Government of the United States,
TÜRECI, Özlem	Oprins, Judith	as represented by The Secretary of the
SIMON, Petra	van Vugt, Martine	Department of Health and Human Services
OMOKOKO, Tana	(74) ir. M.F.J.M. Ketelaars c.s.	(72) BIGNER, Darell D.
HOFF, Holger	(31) 200500429	SAMPSON, John
VOSS, Ralf-Holger	667579 P	KUAN, Chien-Tsun
BREITKREUZ, Andrea	696163 P	CAI, Mingqing
HOBOHM, Kathleen	728561 P	CHOI, Bryan D.
MROZ, Karolina, Anna	(32) 23.03.2005	GEDEON, Patrick C.
(74) dr. A. Krebs	01.04.2005	PASTAN, Ira H.
(31) PCT/EP2014/000868	01.07.2005	(74) J.M.H. Duyver lic.
PCT/EP2014/072864	20.10.2005	(31) 201361844119 P
(32) 01.04.2014	(33) Denmark	(32) 09.07.2013
24.10.2014	United States of America	(33) United States of America
(33) World Intellectual Property Office (WIPO)	United States of America	(47) 02.01.2019
World Intellectual Property Office (WIPO)	United States of America	(51) C07K 19/00
(47) 16.01.2019	(47) 02.01.2019	A61K 39/00
(51) C07K 16/18	(51) C07K 16/28	A61K 39/155
A61K 39/00	C07K 16/40	A61K 39/295
(11) EP2930184	C07K 16/30	A61K 9/107
(21) EP15159780.4	C07K 16/46	A61K 9/127
(22) 06.04.2010	A61K 39/395	A61P 31/14
(54) DKK-1 ANTIBODIES	A61P 35/00	A61P 37/04
(73) Eli Lilly and Company	(11) EP2981552	C07K 14/135
(72) Chedid, Marcio	(21) EP14714275.6	C12N 15/45
Darling, Ryan James	(22) 01.04.2014	C12N 15/62
Galvin, Rachele Jeanette	(54) BISPECIFIC ANTIBODIES SPECIFIC FOR	C07K 14/005
Swanson, Barbara Anne	FAP AND DR5, ANTIBODIES SPECIFIC	A61K 39/12
(74) ir. J.C. Volmer c.s.	FOR DR5 AND METHODS OF USE	(11) EP3109258
(31) 168411 P	(73) Roche Glycart AG	(21) EP16180926.4
(32) 10.04.2009	(72) BRUENKER, Peter	(22) 23.12.2008
(33) United States of America	DAOUTI, Sherif	(54) RECOMBINANT RSV ANTIGENS
(47) 27.03.2019	FENG, Ningping	(73) ID Biomedical Corporation of Quebec
(51) C07K 16/28	FERRARA KOLLER, Claudia	GlaxoSmithKline Biologicals s.a.
(11) EP2044120	GEORGES, Guy	(72) BAUDOUX, Jean-Pierre
(21) EP07795937.7	GRAU-RICHARDS, Sandra	BLAIS, Normand
(22) 07.06.2007	HOSSE, Ralf	RHEAULT, Patrick
(54) ANTIBODIES RECOGNIZING A	KLEIN, Christian	RUELLE, Jean-Loius
CARBOHYDRATE CONTAINING	KOENIG, Maximiliane	(74) ir. F.A. Geurts c.s.
EPITOPE ON CD-43 AND CEA	MOELLEKEN, Joerg	(31) 16524 P
EXPRESSED ON CANCER CELLS AND	MOESSNER, Ekkehard	56206 P
METHODS USING SAME	NIU, Huifeng	(32) 24.12.2007
(73) BioAlliance C.V.	PACKMAN, Kathryn E.	27.05.2008
(72) LIN, Rong-Hwa	RUNZA, Valeria	(33) United States of America
LIN, Leewen	SEEBER, Stefan	United States of America
LIN, Shih-Yao	UMANA, Pablo	(47) 23.01.2019
LEE, Shu-Hua	WALDHAUER, Inja	(51) C08C 19/22
(74) ir. M.F.J.M. Ketelaars c.s.	WANG, Huisheng	B60C 1/00
(31) 811850 P	WEISER, Barbara	C08C 19/25
(32) 07.06.2006	(74) drs. C.M.A. Quintelier	C08C 19/42
(33) United States of America	(31) 201361808128 P	C08C 19/44
(47) 30.01.2019	(32) 03.04.2013	C08F 236/04
(51) C07K 16/28	(33) United States of America	C08F 236/10
C07K 14/705	(47) 13.02.2019	(11) EP3257869
A61K 39/395	(51) C07K 16/46	(21) EP16175039.3
G01N 33/50	C12N 15/13	(22) 17.06.2016

(54) SILANE-MEDIATED ENHANCEMENT OF RUBBER STORAGE STABILITY	(32) 22.12.2014	C08F 295/00
(73) Trinseo Europe GmbH	(33) European Patent Office (EPO)	(11) EP2443163
(72) Rössle, Michael	(47) 30.01.2019	(21) EP10790156.3
Thiele, Sven	(51) C08F 210/02	(22) 16.06.2010
Ebert, Helgard	C08F 2/01	(54) POLYMERIZATION OF ISOPRENE FROM RENEWABLE RESOURCES
(74) ir. W.J.J.M. Kempes	C08F 10/02	(73) Danisco US Inc.
(47) 23.01.2019	C08L 23/08	The Goodyear Tire & Rubber Company
(51) C08F 2/22	(11) EP3087112	(72) MCAULIFFE, Joseph, C.
C08F 220/20	(21) EP14827682.7	PARAMONOV, Sergey
C09D 133/06	(22) 23.12.2014	RODEWALD, Stephan
(11) EP3063181	(54) PROCESSES TO IMPROVE REACTOR STABILITY FOR THE PREPARATION OF ETHYLENE-BASED POLYMERS USING ASYMMETRICAL POLYENES	SANFORD, Karl, J.
(21) EP14799284.6	(73) Dow Global Technologies LLC	(74) mr.ir. F.N. Ferro
(22) 29.10.2014	(72) EDDY, Christopher R.	(31) 187944 P
(54) HYDROPHILIC/HYDROPHOBIC AQUEOUS POLYMER EMULSIONS AND PRODUCTS AND METHODS RELATING THERETO	(73) OSBY, John O.	(32) 17.06.2009
(73) Allegiance Corporation	EWART, Sean W.	(33) United States of America
(72) HOLGUIN, Daniel L.	MUNJAL, Sarat	(47) 26.12.2018
MAYER, Andre	HINRICH, Stefan	(51) C08G 18/40
LEE, Sou Phong	BERBEE, Otto J.	C08G 18/42
MEYERS, Michael	(74) ir. J.D. de Zeeuw	C08G 18/48
KOPP, Dennis	(31) 201361920928 P	(11) EP2820059
WONG, Wei Cheong	(32) 26.12.2013	(21) EP13706561.1
LOW, Chii Yi	(33) United States of America	(22) 28.02.2013
WANG, Shiping	(47) 30.01.2019	(54) POLYURETHANE SOLID FOAM MATERIALS
HU, Xiaochuan	(51) C08F 220/34	(73) BASF SE
CHONG, Chuang Sim	A61K 9/51	(72) JACOBMEIER, Olaf
(74) ir. C.M. Jansen c.s.	(11) EP3215545	KAMPF, Gunnar
(31) 201361896733 P	(21) EP15788035.2	KÖNIG, Christian
(32) 29.10.2013	(22) 02.11.2015	(74) ir. W.J.J.M. Kempes
(33) United States of America	(54) A PROCESS FOR PREPARING WATER-DISPERSIBLE SINGLE-CHAIN POLYMERIC NANOPARTICLES	(31) 12157700
(47) 02.01.2019	(73) Fundación Cidotec	(32) 01.03.2012
(51) C08F 2/26	(72) AIERTZA OTXOTORENA, Miren Karmele	(33) European Patent Office (EPO)
C08F 2/38	SÁNCHEZ ABELLA, Laura	(47) 26.12.2018
C08F 265/06	BENITO COLLADO, Ana Belén	(51) C08G 59/02
C09D 5/02	LOINAZ BORDONABE, Iraida	C08G 59/22
C09D 151/06	CABAÑERO, Germán	C08L 63/00
(11) EP2982699	GRANDE, Hans-Jürgen	(11) EP2805982
(21) EP15186237.2	MARRADI, Marco	(21) EP14167363.2
(22) 11.04.2012	GRACIA ESPAÑA, Raquel	(22) 07.05.2014
(54) PROCESS FOR THE PREPARATION OF VINYL POLYMER DISPERSIONS	(74) J.M.H. Duyver lic.	(54) Polybutadiene with epoxy groups
(73) Allnex Netherlands B.V.	(31) 14382433	(73) Evonik Degussa GmbH
(72) MESTACH, Dirk Emiel Paula	(32) 03.11.2014	(72) Haberkorn, Niko
HEUTS, Mart	(33) European Patent Office (EPO)	Berlineanu, Andreas
ADOLPHS, Rob	(47) 09.01.2019	Denkinger, Peter
(74) drs. W.H.P. Derks	(51) C08F 251/00	Beierlein, Christine
(31) 11161907	D21H 19/54	(74) ir. W.J.J.M. Kempes
(32) 11.04.2011	D21H 21/16	(31) 13169194
(33) European Patent Office (EPO)	(11) EP3180372	(32) 24.05.2013
(47) 30.01.2019	(21) EP15759901.0	(33) European Patent Office (EPO)
(51) C08F 2/34	(22) 13.08.2015	(47) 26.12.2018
C08F 2/42	(54) DEXTRIN COPOLYMER WITH STYRENE AND AN ACRYLIC ESTER, MANUFACTURING METHOD THEREOF, AND USE THEREOF FOR PAPER COATING	(51) C08G 59/50
C08F 10/00	(73) Roquette Frères	(11) EP3227357
(11) EP3237459	(72) PARCQ, Julien	(21) EP15808311.3
(21) EP15817346.8	WIATZ, Vincent	(22) 30.11.2015
(22) 22.12.2015	(74) J.M.H. Duyver lic.	(54) MODIFIED AMINE CURING AGENTS, THEIR PREPARATION AND USE IN CURABLE COMPOSITIONS
(54) PROCESS FOR TRANSITIONING BETWEEN INCOMPATIBLE CATALYSTS	(31) 1457813	(73) Cytec Industries Inc.
(73) SABIC Global Technologies B.V.	(32) 14.08.2014	(72) MEEGAN, Jonathan, E.
(72) BANAT, Yahya	(33) France	(74) ir. W.J.J.M. Kempes
AL-HUMYDI, Abdulaziz Hamad	(47) 26.12.2018	(31) 201421373
FELLAHI, Said	(51) C08F 293/00	(32) 02.12.2014
(74) ir. W.J.J.M. Kempes	C08G 59/56	(33) United Kingdom
(31) 14199694	C09D 163/00	(47) 09.01.2019

- C09J 163/00
C08L 63/00
C08G 59/24
(11) EP2953991
(21) EP14700657.1
(22) 15.01.2014
(54) CURABLE COMPOSITION HAVING HIGH FRACTURE STRENGTH
(73) Evonik Degussa GmbH
(72) ORTELT, Martina
FUCHSMANN, Dirk
LANGKABEL, Eike
KOHLESTRUK, Britta
KARNS, Katharina
(74) ir. W.J.J.M. Kempes
(31) 13154220
13174322
13179541
(32) 06.02.2013
28.06.2013
07.08.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
(47) 26.12.2018
(51) C08G 63/08
C08G 63/78
C08L 67/04
(11) EP2876124
(21) EP13193671.8
(22) 20.11.2013
(54) METHOD AND APPARATUS FOR MANUFACTURING A CRYSTALLISABLE POLYLACTIDE MIXTURE AND POLYLACTIDE MIXTURE
(73) Uhde Inventa-Fischer GmbH
thyssenkrupp AG
(72) Hagen, Rainer
Mühlbauer, Udo
Paetz, Caspar
(74) ir. C.M. Jansen c.s.
(47) 09.01.2019
(51) C08G 63/88
B29B 9/16
(11) EP3172258
(21) EP15735699.9
(22) 08.07.2015
(54) PROCESS AND INSTALLATION FOR PRODUCING PET PELLETS
(73) Technip Zimmer GmbH
(72) BORMANN, Andreas
KRIESCHE, Gerald
REISEN, Michael
(74) dr. A. Ellens c.s.
(31) 102014110337
(32) 22.07.2014
(33) Germany
(47) 02.01.2019
(51) C08G 69/26
H01L 33/00
C08L 77/06
C08K 3/22
(11) EP2744845
(21) EP12751308.3
(22) 16.08.2012
(54) IMPROVED POLYAMIDE COMPOSITIONS FOR LED APPLICATIONS
(73) Solvay Specialty Polymers USA, LLC
(72) BUSHELMAN, Corinne
SINGLETERY, Nancy, J.
DESIO, Glenn, P.
(74) ir. W.J.J.M. Kempes
(31) 201161525478 P
11188645
(32) 19.08.2011
10.11.2011
(33) United States of America
European Patent Office (EPO)
(47) 09.01.2019
(51) C08G 73/00
C08G 65/40
C08G 69/08
C08F 220/44
A61M 31/00
C07C 233/65
C07C 235/34
C07C 235/52
C08G 64/12
C08G 63/685
C08G 69/48
C08G 73/02
(11) EP2944666
(21) EP14198131.6
(22) 03.11.2006
(54) RESORBABLE PHENOLIC POLYMERS
(73) Tyrx, Inc.
(72) Moses, Arikha
Pulapura, Satish
Schwartz, Arthur
Ge, Qing
Shatova, Irene
(74) J.M.H. Duyver lic.
(31) 733988 P
(32) 03.11.2005
(33) United States of America
(47) 06.03.2019
(51) C08G 77/20
C08L 83/04
C09D 183/04
C09J 183/04
(11) EP2782951
(21) EP12788200.9
(22) 19.11.2012
(54) LOW CHLORIDE COMPOSITIONS OF OLEFINICALLY FUNCTIONALISED SILOXANE OLIGOMERS BASED ON ALKOXY-SILANES
(73) Evonik Degussa GmbH
(72) WEISSENBACH, Kerstin
(74) ir. W.J.J.M. Kempes
(31) 102011086865
(32) 22.11.2011
(33) Germany
(47) 02.01.2019
(51) C08J 3/09
C08J 7/02
C08J 3/02
(11) EP3286251
(21) EP16723192.7
(22) 13.04.2016
(54) COMPOSITIONS AND METHODS FOR COPOLYMER SOLUTIONS WITH HIGH WEIGHT PERCENT COPOLYMERS
(73) Cardiac Pacemakers, Inc.
(72) DELANEY, JR., Joseph T.
WULFMAN, David R.
AREMU, Adeniyi
ADENUSI, Adegbola O.
(74) ir. H.J.G. Lips c.s.
(31) 201562151877 P
(32) 23.04.2015
(33) United States of America
(47) 20.02.2019
(51) C08J 3/12
C08K 5/29
C08L 79/08
(11) EP2933285
(21) EP15001053.6
(22) 13.04.2015
(54) HYDROLYSIS STABILISER FORMULATIONS
(73) Raschig GmbH
(72) Pandolfi, Alexander
(74) ir. C.M. Jansen c.s.
(31) 14001363
(32) 15.04.2014
(33) European Patent Office (EPO)
(47) 09.01.2019
(51) C08J 3/205
C08L 51/04
B29C 47/40
B29C 47/76
(11) EP3019548
(21) EP14744476.4
(22) 01.07.2014
(54) PROCESS FOR THE MANUFACTURING OF ABS-MOLDING COMPOSITIONS
(73) INEOS Styrolution Group GmbH
(72) NIESSNER, Norbert
BANASZAK, Brian J.
VERSTRAETEN, Rudy
MICHEL, Gisbert
FISCHER, Wolfgang
RUTHARD, Christian
JANSEN, Ulrich
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 13174792
13175247
(32) 02.07.2013
05.07.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 30.01.2019
(51) C08J 7/04
A61F 7/03
B32B 27/30
C08L 27/08
(11) EP3196145
(21) EP15826638.7
(22) 30.07.2015
(54) MULTILAYER FILM FOR DISPOSABLE POCKET WARMER WRAPPER AND DISPOSABLE POCKET WARMER
(73) Kobayashi Pharmaceutical Co., Ltd.
(72) INOUE, Hiroyuki
MIYAZAKI, Takayuki
IGAUE, Tsuyoshi
KOTANI, Yorikazu

- (74) ir. J.M.G. Dohmen c.s.
(31) 2014157228
(32) 31.07.2014
(33) Japan
(47) 27.02.2019
-
- (51) C08J 7/04
C08J 7/18
C08G 77/18
C09D 163/00
C09D 183/00
(11) EP3208297
(21) EP16200974.0
(22) 28.11.2016
(54) FLEXIBLE DISPLAY DEVICE, METHOD FOR FABRICATING WINDOW MEMBER OF SAME, AND HARD COATING COMPOSITION
(73) Samsung Display Co., Ltd.
(72) Park, Youngsang
Jeong, Chulho
Kim, Ahyoung
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20160019687
(32) 19.02.2016
(33) Korea (Republic)
(47) 30.01.2019
-
- (51) C08K 5/51
C08K 5/524
C07F 9/144
C08G 79/04
(11) EP2864411
(21) EP13806258.3
(22) 19.06.2013
(54) CYCLOALIPHATIC POLYPHOSPHITE POLYMER STABILIZERS
(73) Dover Chemical Corporation
(72) JAKUPCA, Michael
LANCE, Jacob M.
STEVENSON, Donald
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261663323 P
201261671427 P
(32) 22.06.2012
13.07.2012
(33) United States of America
United States of America
(47) 02.01.2019
-
- (51) C08L 3/00
(11) EP2553013
(21) EP11763412.1
(22) 31.03.2011
(54) CAST PELLETS FOR PLANTING SEEDS
(73) Ball Horticultural Company
(72) CONRAD, Robert
(74) ir. H.Th. van den Heuvel c.s.
(31) 320229 P
(32) 01.04.2010
(33) United States of America
(47) 27.02.2019
-
- (51) C08L 23/12
C08L 67/04
C08L 97/00
C08L 101/00
C08L 97/02
(11) EP2906630
(21) EP13777163.0
(22) 09.10.2013
- (54) MELT PROCESSED POLYMER COMPOSITION DERIVED FROM LEAF SHEATHS OF TREES OF THE GENUS ARECACEAE
(73) Hemcell B.V.
(72) OSSE, Nicolaas Wilhelmus Ladislaus
(74) dr. T. Wittop Koning PhD
(31) 2009601
(32) 09.10.2012
(33) Netherlands
(47) 16.01.2019
-
- (51) C08L 59/02
C08K 3/08
C08K 3/30
C08K 5/13
C08L 59/04
C08K 5/00
C08L 23/02
C08L 23/08
C08L 51/06
C08L 83/04
(11) EP3190153
(21) EP15837908.1
(22) 31.08.2015
(54) ACETAL RESIN COMPOSITION
(73) Korea Engineering Plastics Co., Ltd.
(72) PARK, Seung Chin
BYUN, Gyung Seob
LEE, Ji Young
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140118968
(32) 05.09.2014
(33) Korea (Republic)
(47) 30.01.2019
-
- (51) C08L 67/00
C08G 63/00
(11) EP2268737
(21) EP09732449.5
(22) 17.04.2009
(54) POLYESTER COMPOSITIONS AND METHOD FOR PREPARING ARTICLES BY EXTRUSION BLOW MOLDING
(73) PepsiCo, Inc.
(72) SEQUEIRA, Clarence
(74) J.M.H. Duyver lic.
(31) 46389 P
(32) 18.04.2008
(33) United States of America
(47) 16.01.2019
-
- (51) C08L 69/00
(11) EP3252104
(21) EP17174074.9
(22) 01.06.2017
(54) FLAME RETARDANT RESIN COMPOSITION AND MOLDED ARTICLE USING THE SAME
(73) Lotte Advanced Materials Co., Ltd.
(72) LEE, Jo Won
(74) M.A.T. Beck MSc LL.B
(31) 20160069869
(32) 03.06.2016
(33) Korea (Republic)
(47) 09.01.2019
-
- (51) C08L 83/12
C08L 83/07
C08K 5/5399
C08L 67/00
C09K 21/06
(11) EP2688957
(21) EP12759916.5
(22) 23.03.2012
(54) BIOBASED POLYMER COMPOSITIONS
(73) Stratasy, Inc.
(72) CERNOHOUS, Jeffrey Jacob
PAWLOSKI, Adam R.
(74) J.M.H. Duyver lic.
(31) 201161466516 P
(32) 23.03.2011
(33) United States of America
(47) 27.02.2019
-
- (51) C08L 95/00
C04B 103/60
C04B 111/25
C04B 28/36
(11) EP2432752
(21) EP10723009.6
(22) 18.05.2010
(54) SULPHUR CEMENT PRODUCT
(73) Shell Internationale Research Maatschappij B.V.
(72) VERBIST, Guy, Iode, Magda, Maria
PLOEGAERT, Ingrid
VELDMAN, Egbert
(31) 09160794
(32) 20.05.2009
(33) European Patent Office (EPO)
(47) 20.02.2019
-
- (51) C09B 11/12
C09B 17/00
C09B 21/00
C09B 23/04
C09B 23/06
C09B 23/10
C09B 23/16
C09B 57/00
C09B 55/00
C09B 69/06
C09B 23/08
C09B 49/12
G03F 7/00
G03F 7/035
G03H 1/00
G03H 1/02
G11B 7/24044
G11B 7/245
G03C 1/00
G03F 7/004
(11) EP2638544
(21) EP11778624.4
(22) 04.11.2011
(54) PHOTOPOLYMER FORMULATION FOR PRODUCING HOLOGRAPHIC MEDIA HAVING HIGHLY CROSS-LINKED MATRIX POLYMERS
(73) Covestro Deutschland AG

(72) BERNETH, Horst RÖLLE, Thomas BRUDER, Friedrich-Karl FÄCKE, Thomas WEISER, Marc-Stephan HÖNEL, Dennis	(32) 30.03.2016 (33) European Patent Office (EPO) (47) 30.01.2019	C09K 11/02 H01L 33/06 B01J 2/00
(74) ir. W.J.J.M. Kempes (31) 10190324 (32) 08.11.2010 (33) European Patent Office (EPO) (47) 26.12.2018	(51) C09D 11/38 C09D 11/52 H01B 1/00 H01L 31/032	(11) EP2970766 (21) EP14738591.8 (22) 13.03.2014 (54) GROUP III-V/ZINC CHALCOGENIDE ALLOYED SEMICONDUCTOR QUANTUM DOTS
(31) 10190324 (32) 08.11.2010 (33) European Patent Office (EPO) (47) 26.12.2018	(11) EP3058038 (21) EP14796845.7 (22) 14.10.2014 (54) CIGS NANOPARTICLE INK FORMULATION HAVING A HIGH CRACK-FREE LIMIT	(73) Nanoco Technologies Ltd (72) DANIELS, Steven HARRIS, James GLARVEY, Paul Anthony ORCHARD, Katherine NARAYANASWAMY, Arun
(51) C09D 4/00 C09D 183/08 (11) EP1960482 (21) EP06819502.3 (22) 15.11.2006 (54) STORAGE-STABLE COATING COMPOSITION FOR ABRASION-RESISTANTLY AND WEATHERING-STABLY PROVIDING SMOOTH INORGANIC SURFACES WITH EASY-TO-CLEAN PROPERTIES	(73) Nanoco Technologies Ltd (72) LIU, Zugang NEWMAN, Christopher (74) ir. C.M. Jansen c.s. (31) 201361891166 P (32) 15.10.2013 (33) United States of America (47) 02.01.2019	(74) ir. C.M. Jansen c.s. (31) 201361788856 P (32) 15.03.2013 (33) United States of America (47) 27.02.2019
(73) Evonik Degussa GmbH (72) GIESSLER-BLANK, Sabine JUST, Eckhard (74) ir. W.J.J.M. Kempes (31) 102005060401 (32) 15.12.2005 (33) Germany (47) 02.01.2019	(51) C09D 161/00 C08K 3/24 C08L 61/20 C08L 79/00 C09D 5/22 C09D 7/65 C09K 11/06 H01B 1/06 H01L 51/50 H05B 33/10 C09D 127/12	(51) C10B 53/02 C10L 5/44 C10J 3/46 C10J 3/66 (11) EP2504411 (21) EP10790727.1 (22) 26.11.2010 (54) DEVICE AND METHOD FOR GENERATING A SYNTHESIS GAS FROM PROCESSED BIOMASS BY ENTRAINED-FLOW GASIFICATION
(51) C09D 7/00 C09D 151/06 C08F 265/04 C08I 9/28 C08F 2/22 (11) EP3036292 (21) EP14750735.4 (22) 13.08.2014 (54) METHOD FOR MANUFACTURING EMULSION POLYMERISATES	(11) EP3124563 (21) EP15767949.9 (22) 24.03.2015 (54) CHARGE-TRANSPORTING VARNISH (73) Nissan Chemical Corporation (72) OTANI Naoki OTA Hirofumi (74) ir. M.F.J.M. Ketelaars c.s. (31) 2014065278 2014141988 (32) 27.03.2014 10.07.2014 (33) Japan Japan (47) 23.01.2019	(73) Linde Aktiengesellschaft (72) RÜGER, Dietmar SCHULZE, Olaf ALTHAPP, Anton EICHHORN, Christian KRETSCHMER, Horst (74) ir. W.J.J.M. Kempes (31) 102009055976 (32) 27.11.2009 (33) Germany (47) 26.12.2018
(73) BASF SE (72) KEHRLÖSSER, Daniel LESWIN, Joost SPECKER, Daniel ROSCHMANN, Konrad GERST, Matthias WIESE, Harm (74) ir. W.J.J.M. Kempes (31) 13181404 (32) 22.08.2013 (33) European Patent Office (EPO) (47) 02.01.2019	(51) C09J 7/29 B32B 27/32 B32B 7/12 B32B 27/08 (11) EP2949468 (21) EP15167812.5 (22) 15.05.2015 (54) USE OF PLASTIC FILMS FOR LABELS (73) Irplast S.p.A. (72) Di Costanzo, Carmelo Pasquini, Gino Montagano, Angelo Soluri, Giacomo De Bartolo, Luca Cosi, Fausto (74) ir. M.F.J.M. Ketelaars c.s. (31) MI20141004 (32) 30.05.2014 (33) Italy (47) 09.01.2019	(51) C10G 2/00 B01J 19/00 B01J 19/24 B01J 37/02 B01J 21/04 B01J 23/75 B01J 23/89 B01J 35/00 B01J 35/10 B01J 23/889 (11) EP1713883 (21) EP04814270.7 (22) 15.12.2004 (54) FISCHER-TROPSCH SYNTHESIS USING MICROCHANNEL TECHNOLOGY AND NOVEL CATALYST AND MICROCHANNEL REACTOR
(51) C09D 11/101 C09D 11/34 C09D 11/38 C09D 11/40 (11) EP3225666 (21) EP17162830.8 (22) 24.03.2017 (54) RADIATION-CURABLE INKJET INK COMPOSITION (73) OCE Holding B.V. (72) VAN HOUT, Richard F.E. KETELAARS, Björn H.A.J.M. VAN HAMEREN, Richard VENDERBOSCH, Bas (74) ir. M.J. Groen (31) 16162733	(51) C09K 11/70	(73) Velocys, Inc. (72) WANG, Yong TONKOVICH, Anna, Lee MAZANEC, Terry DALY, Francis, P. VANDERWIEL, Dave HU, Jianli CAO, Chunshe KIBBY, Charles

- LI, Xiaohong
BRISCOE, Michael, D.
GANO, Nathan
CHIN, Ya-Huei
(74) ir. C.M. Jansen c.s.
(31) 766297
(32) 28.01.2004
(33) United States of America
(47) 20.03.2019

(51) C10G 27/04
C10G 27/12
(11) EP2917307
(21) EP13798797.0
(22) 09.11.2013
(54) OXIDATIVE DESULFURIZATION
PROCESS
(73) Saudi Arabian Oil Company
(72) KOSEOGLU, Omer, Refa
BOURANE, Abdennour
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261724672 P
(32) 09.11.2012
(33) United States of America
(47) 09.01.2019

(51) C10G 33/00
B01J 3/00
C10G 55/04
C10G 9/00
C10G 21/00
(11) EP3143103
(21) EP15723818.9
(22) 12.05.2015
(54) PROCESS TO PRODUCE AROMATICS
FROM CRUDE OIL
(73) Saudi Arabian Oil Company
(72) CHOI, Ki-Hyouk
LEE, Joo-Hyeong
SHAFEL, Emad N.
AL-FAQEER, Faisal M.
(74) ir. C.M. Jansen c.s.
(31) 201414274806
(32) 12.05.2014
(33) United States of America
(47) 02.01.2019

(51) C10G 65/02
B01J 37/20
(11) EP2964732
(21) EP14713211.2
(22) 04.03.2014
(54) METHOD FOR STARTING
UP HYDROTREATING OR
HYDROCONVERTING PROCESS UNITS
(73) EURECAT S.A.
(72) DUFRESNE, Pierre
(74) ir. W.J.J.M. Kempes
(31) 1351993
(32) 06.03.2013
(33) France
(47) 09.01.2019

(51) C10G 73/06
C10G 45/02
C10G 45/06
C10G 45/08
C10G 45/58
C10G 45/62
C10G 45/64
C10G 47/00
C10G 47/04
C10G 47/16
C10G 21/00
C10G 65/04
C10G 67/04
C10G 73/44
C10G 69/02
C10M 101/02
(11) EP2970793
(21) EP14717533.5
(22) 05.03.2014
(54) PRODUCTION OF BASE OILS FROM
PETROLATUM
(73) ExxonMobil Research and Engineering
Company
(72) KIM, Jeenok, T.
SCHLEICHER, Gary, Paul
OUMAR-MAHAMAT, Halou
MONDOR, Chad, Hinden
(74) ir. W.J.J.M. Kempes
(31) 201361781785 P
(32) 14.03.2013
(33) United States of America
(47) 09.01.2019

(51) C10M 143/00
C10M 165/00
C10M 169/04
(11) EP2781587
(21) EP14157359.2
(22) 28.02.2014
(54) MARINE ENGINE LUBRICATION
(73) Infineum International Limited
(72) Smythe, John
Goberdhan, Dhanesh
(74) ir. C.M. Jansen c.s.
(31) 13160467
(32) 21.03.2013
(33) European Patent Office (EPO)
(47) 13.02.2019

(51) C10M 159/24
(11) EP3339403
(21) EP17203318.5
(22) 23.11.2017
(54) MAGNESIUM SULFONATE SYNTHESIS
(73) Infineum International Limited
(72) Skinner, Philip
Phillips, Daniel
Marsh, Adam
Wilkinson, Thomas Daniel
(74) ir. C.M. Jansen c.s.
(31) 16206440
(32) 22.12.2016
(33) European Patent Office (EPO)
(47) 06.02.2019

(51) C11B 3/14
A61K 8/31
A61K 8/63
C07D 311/72
A61K 8/67
A61Q 19/06
A61Q 19/08
A61K 8/97
A61K 31/20
A61K 31/355
A61K 31/56
(11) EP2670827
(21) EP12702238.2
(22) 31.01.2012
(54) USE OF AT LEAST ONE COPRODUCT
FROM THE VEGETABLE-OIL REFINING
INDUSTRY FOR OBTAINING A
PURIFIED TOTAL UNSAPONIFIABLE
VEGETABLE OIL PRODUCT
(73) Laboratoires Expanscience
(72) LEGRAND, Jacques
SAUNOIS, Alex
BAUDOUIN, Caroline
MSIKA, Philippe
(74) ir. F.A. Geurts c.s.
(31) 1150742
201161438023 P
(32) 31.01.2011
31.01.2011
(33) France
United States of America
(47) 16.01.2019

(51) C11D 3/04
C11D 3/12
C11D 3/37
C11D 3/39
C11D 3/395
C11D 11/00
(11) EP3077491
(21) EP14815271.3
(22) 03.12.2014
(54) USE OF AN OXIDISING ALKALINE
GEL TO REMOVE A BIOFILM ON A
SURFACE OF A SOLID SUBSTRATE
(73) Commissariat à l'Énergie Atomique et aux
Énergies Alternatives
(72) LUDWIG, Amélie
GOETTMANN, Frédéric
FRANCES, Fabien
CASTELLANI, Romain
(74) ir. F.A. Geurts c.s.
(31) 1362177
(32) 05.12.2013
(33) France
(47) 09.01.2019

(51) C11D 17/04
B65D 65/46
(11) EP3334817
(21) EP16736438.9
(22) 06.07.2016
(54) WATER-SOLUBLE PACKAGE
(73) Unilever N.V.
(72) BECKETT, Francesca, Joanne
THOMAS, Matthew, Rhys
(74) dr. C.W.R. Mulder c.s.
(31) 15180624
(32) 11.08.2015
(33) European Patent Office (EPO)
(47) 20.03.2019

(51) C12C 3/08
C12C 3/10
(11) EP3063260
(21) EP14789798.7
(22) 23.10.2014
(54) FRACTIONATION OF HOP OILS USING
LIQUID AND SUPERCRITICAL CARBON
DIOXIDE
(73) Totally Natural Solutions Ltd
(72) MARRIOTT, Raymond
(74) dr. G. Visser-Luirink
(31) 13190555
14169159

- (32) 28.10.2013
20.05.2014
- (33) European Patent Office (EPO)
European Patent Office (EPO)
- (47) 09.01.2019
- (51) C12M 1/26
B01L 3/02
G01N 1/00
- (11) EP3075839
- (21) EP13898262.4
- (22) 29.11.2013
- (54) ASPIRATION TIP
- (73) Yamaha Hatsudoki Kabushiki Kaisha
- (72) ITO, Saburo
- (74) ir. J.C. Volmer c.s.
- (47) 20.03.2019
- (51) C12N 1/00
C12N 1/06
C12N 15/52
- (11) EP2566953
- (21) EP11721398.3
- (22) 06.05.2011
- (54) METHODS FOR CONTROL OF FLUX IN METABOLIC PATHWAYS THROUGH ENZYME RELOCATION
- (73) Greenlight Biosciences, Inc.
The Board of Trustees of the Leland Stanford Junior University
- (72) SWARTZ, James, R.
- (74) ir. W.J.J.M. Kempes
- (31) 332624 P
- (32) 07.05.2010
- (33) United States of America
- (47) 02.01.2019
- (51) C12N 1/16
C12N 9/88
C12N 9/12
C12P 7/06
C12N 15/81
- (11) EP3094717
- (21) EP15707418.8
- (22) 16.01.2015
- (54) YEASTS MODIFIED TO USE CARBON DIOXIDE
- (73) Institut National De La Recherche Agronomique
Institut National des Sciences Appliquées de Toulouse
Centre National de la Recherche Scientifique
- (72) POMPON, Denis
PÂQUES, Frédéric
LESAGE, Julie
GUILLOUET, Stéphane
BONNOT, Florence
MARC, Jillian
GORRET, Nathalie
BIDEAUX, Carine
BOUTONNET, Christel
- (74) J.M.H. Duyver lic.
- (31) 1450349
- (32) 16.01.2014
- (33) France
- (47) 16.01.2019
- (51) C12N 5/00
- (11) EP2675893
- (21) EP12747134.0
- (22) 17.02.2012
- (54) DIRECTED DIFFERENTIATION OF OLIGODENDROCYTE PRECURSOR CELLS TO A MYELINATING CELL FATE
- (73) The Scripps Research Institute
Novartis AG
- (72) SCHULTZ, Peter
LAIRSON, Luke
DESHMUKH, Vishal
LYSSIOTIS, Costas
- (74) ir. M.F.J.M. Ketelaars c.s.
- (31) 201161444666 P
- (32) 18.02.2011
- (33) United States of America
- (47) 09.01.2019
- (51) C12N 5/07
- (11) EP2563908
- (21) EP11777870.4
- (22) 25.04.2011
- (54) GENERATION OF ANTERIOR FOREGUT ENDODERM FROM PLURIPOTENT CELLS
- (73) Icahn School of Medicine at Mount Sinai
- (72) SNOECK, Hans-Willem
GREEN, Michael
- (74) ir. W.J.J.M. Kempes
- (31) 436166 P
392429 P
343272 P
- (32) 25.01.2011
12.10.2010
25.04.2010
- (33) United States of America
United States of America
United States of America
- (47) 09.01.2019
- (51) C12N 5/07
- (11) EP2918673
- (21) EP15157220.3
- (22) 28.03.2007
- (54) Compositions for the preparation of mature dendritic cells
- (73) Helmholtz Zentrum München Deutsches Forschungszentrum für Gesundheit und Umwelt (GmbH)
- (72) SCHENDEL, Dolores J.
BIGALKE, Iris
ZOBYWALSKI, Anke
- (74) J.M.H. Duyver lic.
- (31) 06006373
825822 P
- (32) 28.03.2006
15.09.2006
- (33) European Patent Office (EPO)
United States of America
- (47) 16.01.2019
- (51) C12N 5/071
C12M 3/00
C12M 1/12
C12M 1/00
A61M 1/36
- (11) EP2421954
- (21) EP10714113.7
- (22) 21.04.2010
- (54) DIFFERENTIATED HUMAN LIVER CELL CULTURES AND THEIR USE IN BIOARTIFICIAL LIVER SYSTEMS
- (73) Academisch Ziekenhuis bij de Universiteit van Amsterdam
- (72) CHAMULEAU, Robert, Antoine, François, Marie
HOEKSTRA, Ruurdjtje
NIBOURG, Gerardus, Adrianus, Antonius
- (74) ir. M.F.J.M. Ketelaars c.s.
- (31) 09158368
- (32) 21.04.2009
- (33) European Patent Office (EPO)
- (47) 26.12.2018
- (51) C12N 5/0789
A61K 35/28
- (11) EP2673358
- (21) EP12744365.3
- (22) 07.02.2012
- (54) HEMATOPOIETIC PRECURSOR CELL PRODUCTION BY PROGRAMMING
- (73) FUJIFILM Cellular Dynamics, Inc.
- (72) YU, Junying
VODYANYK, Maksym, A.
- (74) ir. M.F.J.M. Ketelaars c.s.
- (31) 201161440619 P
- (32) 08.02.2011
- (33) United States of America
- (47) 09.01.2019
- (51) C12N 7/00
- (11) EP3234113
- (21) EP15816413.7
- (22) 14.12.2015
- (54) A METHOD FOR A LARGE SCALE VIRUS PURIFICATION
- (73) GlaxoSmithKline Biologicals S.A.
The Chemo-Sero-Therapeutic Research Institute
- (72) GERKENS, Pascal, Charles, Louis
LERUSE, Jean-Francois, Jose, Alain, Marie, Ghislain
- (74) ir. F.A. Geurts c.s.
- (31) 201462092413 P
- (32) 16.12.2014
- (33) United States of America
- (47) 23.01.2019
- (51) C12N 7/00
A61K 39/00
- (11) EP3158060
- (21) EP15732188.6
- (22) 19.06.2015
- (54) METHOD FOR RAPID GENERATION OF AN INFECTIOUS RNA VIRUS
- (73) INSERM (Institut National de la Santé et de la Recherche Médicale)
Université d'Aix-Marseille
- (72) AUBRY, Fabien
NOUGAIREDE, Antoine
QUÉRAT, Gilles
DE LAMBALLERIE, Xavier
GOULD, Ernest Andrew
DE FABRITUS, Lauriane
- (74) J.M.H. Duyver lic.
- (31) 14305955
- (32) 20.06.2014
- (33) European Patent Office (EPO)
- (47) 30.01.2019
- (51) C12N 9/02
C12P 33/00
- (11) EP3097113
- (21) EP15702160.1
- (22) 19.01.2015

<p>(54) NOVEL CYTOCHROME P450 POLYPEPTIDE WITH INCREASED ENZYMATIC ACTIVITY</p> <p>(73) SANOFI</p> <p>(72) BERTIN, Marine DUMAS, Bruno</p> <p>(74) ir. W.J.J.M. Kempes</p> <p>(31) 14305071</p> <p>(32) 20.01.2014</p> <p>(33) European Patent Office (EPO)</p> <p>(47) 02.01.2019</p> <hr/> <p>(51) C12N 9/06 C12Q 1/26</p> <p>(11) EP2462223</p> <p>(21) EP10742433.5</p> <p>(22) 02.08.2010</p> <p>(54) FRUCTOSYL AMINO ACID OXIDASE</p> <p>(73) F.Hoffmann-La Roche AG Ultizyme International Ltd.</p> <p>(72) SODE, Koji IKEBUKURO, Kazunori</p> <p>(74) drs. C.M.A. Quintelier</p> <p>(31) 09009969</p> <p>(32) 03.08.2009</p> <p>(33) European Patent Office (EPO)</p> <p>(47) 13.02.2019</p> <hr/> <p>(51) C12N 9/22</p> <p>(11) EP3004338</p> <p>(21) EP14728899.7</p> <p>(22) 28.05.2014</p> <p>(54) A LAGLIDADG HOMING ENDONUCLEASE CLEAVING THE T CELL RECEPTOR ALPHA GENE AND USES THEREOF</p> <p>(73) Collectis SA Precision Genome Engineering, Inc.</p> <p>(72) ASTRAKHAN, Alexander JARJOUR, Jordan</p> <p>(74) ir. M.F.J.M. Ketelaars c.s.</p> <p>(31) 201370303</p> <p>(32) 31.05.2013</p> <p>(33) Denmark</p> <p>(47) 02.01.2019</p> <hr/> <p>(51) C12N 9/28</p> <p>(11) EP3013949</p> <p>(21) EP14731607.9</p> <p>(22) 17.06.2014</p> <p>(54) CODON MODIFIED AMYLASE FROM BACILLUS AKIBAI</p> <p>(73) Novozymes A/S</p> <p>(72) ANDERSEN, Jens, Toenne BANKE, Niels</p> <p>(74) ir. M.F.J.M. Ketelaars c.s.</p> <p>(31) 13173431</p> <p>(32) 24.06.2013</p> <p>(33) European Patent Office (EPO)</p> <p>(47) 30.01.2019</p> <hr/> <p>(51) C12N 15/09 C12N 15/10</p> <p>(11) EP3098310</p> <p>(21) EP14879862.2</p> <p>(22) 05.09.2014</p> <p>(54) METHOD FOR PREPARING DNA UNIT COMPOSITION, AND METHOD FOR CREATING CONCATENATED DNA</p> <p>(73) Synplogen Co., Ltd.</p> <p>(72) TSUGE, Kenji ITAYA, Mitsuhiro</p>	<p>(74) ir. W.J.J.M. Kempes</p> <p>(31) 2014008690</p> <p>(32) 21.01.2014</p> <p>(33) Japan</p> <p>(47) 16.01.2019</p> <hr/> <p>(51) C12N 15/10</p> <p>(11) EP2721154</p> <p>(21) EP12735365.4</p> <p>(22) 15.06.2012</p> <p>(54) METHODS FOR PREPARATIVE IN VITRO CLONING</p> <p>(73) Gen9, Inc.</p> <p>(72) KUNG, Li-Yun A. SCHINDLER, Daniel JACOBSON, Joseph</p> <p>(74) ir. M.F.J.M. Ketelaars c.s.</p> <p>(31) 201161497506 P</p> <p>(32) 15.06.2011</p> <p>(33) United States of America</p> <p>(47) 02.01.2019</p> <hr/> <p>(51) C12N 15/10 C12N 15/90</p> <p>(11) EP3147362</p> <p>(21) EP16196614.8</p> <p>(22) 29.10.2010</p> <p>(54) MULTIFUNCTIONAL ALLELES</p> <p>(73) REGENERON PHARMACEUTICALS, INC.</p> <p>(72) ECONOMIDES, Aris N. MURPHY, Andrew J. LENGYEL, Peter Matthew YANG, Peter H. A.</p> <p>(74) ir. M.F.J.M. Ketelaars c.s.</p> <p>(31) 256078 P</p> <p>(32) 29.10.2009</p> <p>(33) United States of America</p> <p>(47) 02.01.2019</p> <hr/> <p>(51) C12N 15/69</p> <p>(11) EP2989205</p> <p>(21) EP14724009.7</p> <p>(22) 25.04.2014</p> <p>(54) BACTERIAL ARTIFICIAL CHROMOSOMES</p> <p>(73) Katholieke Universiteit Leuven</p> <p>(72) DALLMEIER, Kai NEYTS, Johan</p> <p>(74) M.A.T. Beck MSc LL.B</p> <p>(31) 201307528</p> <p>(32) 26.04.2013</p> <p>(33) United Kingdom</p> <p>(47) 02.01.2019</p> <hr/> <p>(51) C12N 15/74 C12N 1/20</p> <p>(11) EP3077516</p> <p>(21) EP13840184.9</p> <p>(22) 02.12.2013</p> <p>(54) GENETIC TRANSFORMATION OF BIFIDOBACTERIA</p> <p>(73) Compagnie Gervais Danone University College Cork, National University of Ireland Cork</p> <p>(72) VAN SINDEREN, Douwe O'CONNELL MOTHERWAY, Mary WATSON, Debbie SMOKVINA, Tamara GARAUULT, Peggy</p> <p>(74) J.M.H. Duyver lic.</p>	<p>(47) 02.01.2019</p> <hr/> <p>(51) C12N 15/86</p> <p>(11) EP3159415</p> <p>(21) EP16191371.0</p> <p>(22) 17.06.2010</p> <p>(54) PRODUCER CELLS FOR REPLICATION COMPETENT RETROVIRAL VECTORS</p> <p>(73) Tocagen Inc.</p> <p>(72) JOLLY, Douglas, J. IBANEZ, Carlos</p> <p>(74) ir. J.M.G. Dohmen c.s.</p> <p>(31) 218063 P</p> <p>(32) 17.06.2009</p> <p>(33) United States of America</p> <p>(47) 13.03.2019</p> <hr/> <p>(51) C12N 15/90 C12N 15/85 C07K 16/00</p> <p>(11) EP2951309</p> <p>(21) EP14708935.3</p> <p>(22) 01.02.2014</p> <p>(54) ENHANCED TRANSGENE EXPRESSION AND PROCESSING</p> <p>(73) Selexis S.A.</p> <p>(72) LE FOURN, Valérie MERMOD, Nicolas REGAMEY, Alexandre BUCETA, Montse LEY, Déborah HARRAGHY, Niamh KOSTYRKO, Kaja GIRO, Pierre-Alain CALABRESE, David</p> <p>(74) drs. C.M.A. Quintelier</p> <p>(31) 201361759802 P 201361800244 P 201361806634 P</p> <p>(32) 01.02.2013 15.03.2013 29.03.2013</p> <p>(33) United States of America United States of America United States of America</p> <p>(47) 30.01.2019</p> <hr/> <p>(51) C12P 7/64 C12N 15/67 C12N 15/74</p> <p>(11) EP2576800</p> <p>(21) EP11787551.8</p> <p>(22) 27.05.2011</p> <p>(54) Method for producing oils from Prototheca</p> <p>(73) Corbion Biotech, Inc.</p> <p>(72) FRANKLIN, Scott SOMANCHI, Aravind WEE, Janice RUDENKO, George MOSELEY, Jeffrey L RAKITSKY, Walt</p> <p>(74) ir. M.F.J.M. Ketelaars c.s.</p> <p>(31) 201061428192 P 414393 P 374992 P 349774 P</p> <p>(32) 29.12.2010 16.11.2010 18.08.2010 28.05.2010</p> <p>(33) United States of America</p>
--	---	--

United States of America	(32) 05.11.2009	(72) KUNTZ, Matthias
United States of America	06.11.2009	EBNER, Reinhold
United States of America	10.09.2010	MARSONER, Stefan
(47) 30.01.2019	(33) United States of America	MUEHLEDER, Friedrich
(51) C12P 13/08	United States of America	(74) ir. C.M. Jansen c.s.
C12P 13/10	United States of America	(31) 102012221607
C12P 13/20	(47) 06.03.2019	(32) 27.11.2012
C12P 13/24	(51) C12Q 1/6832	(33) Germany
C12N 1/20	(11) EP3126372	(47) 06.02.2019
(11) EP1813677	(21) EP15721903.1	(51) C22B 19/20
(21) EP05790247.0	(22) 30.03.2015	C22B 3/00
(22) 07.10.2005	(54) MODIFIED THYMINE	C22B 1/02
(54) ENZYMATIC PROCESS FOR	POLYNUCLEOTIDE OLIGOMERS AND	(11) EP2730667
PRODUCING BASIC AMINO ACIDS	METHODS	(21) EP12852449.3
(73) Ajinomoto Co., Inc.	(73) Cepheid	(22) 16.07.2012
(72) TAKESHITA, Ryo	(72) GALL, Alexander A.	(54) HYDROMETALLURGICAL METHOD
SUGIMOTO, Shinichi	LOKHOV, Sergey G.	FOR RECOVERING ZINC IN A
(74) mr.ir. F.N. Ferro	PODYMINOGIN, Mikhail	SULPHURIC MEDIUM FROM ZINC
(31) 2004295123	VIAZOVKINA, Ekaterina V.	SULPHIDE CONCENTRATES HAVING A
(32) 07.10.2004	LUND, Kevin Patrick	HIGH IRON CONTENT
(33) Japan	(74) ir. M.F.J.M. Ketelaars c.s.	(73) Tam 5, S.L.
(47) 06.02.2019	(31) 201461972389 P	(72) TAMARGO GARCÍA, Franciso José
(51) C12P 19/02	(32) 30.03.2014	(47) 09.01.2019
C12P 19/04	(33) United States of America	(51) C23C 2/00
C13K 1/02	(47) 06.02.2019	C23C 2/40
D21C 5/00	(51) C12Q 1/6837	(11) EP2954085
(11) EP3241907	C12Q 1/6874	(21) EP14705302.9
(21) EP16425038.3	(11) EP2801624	(22) 04.02.2014
(22) 03.05.2016	(21) EP14172340.3	(54) DEVICE FOR HOT-DIP COATING A
(54) PROCESS FOR PRODUCING A BIO-	(22) 18.03.2002	METAL STRIP
PRODUCT	(54) Arrays and methods of use	(73) ThyssenKrupp Steel Europe AG
(73) BETA RENEWABLES S.p.A.	(73) Singular Bio, Inc	(72) BERGEN, Jegor
(72) RIVA, Daniele	(72) Mir, Kalim	SPELLEKEN, Frank
GIORDANO, Dario	(74) J.M.H. Duyver lic.	PETERS, Michael
(74) J.M.H. Duyver lic.	(31) 0106635	RUTHENBERG, Manuela
(47) 26.12.2018	0118879	MACHEREY, Friedhelm
(51) C12Q 1/68	(32) 16.03.2001	SPELZ, Florian
C12N 15/10	02.08.2001	(74) ir. C.M. Jansen c.s.
(11) EP3092316	(33) United Kingdom	(31) 102013101131
(21) EP15700540.6	United Kingdom	(32) 05.02.2013
(22) 09.01.2015	(47) 06.03.2019	(33) Germany
(54) METHOD FOR PERFORMING	(51) C12Q 1/6883	(47) 02.01.2019
MULTIPLEXED GENOTYPING	(11) EP2917369	(51) C23C 2/02
(73) Limagrain Europe	(21) EP13792839.6	C21D 8/04
(72) MARTINANT, Jean-Pierre	(22) 07.11.2013	C21D 9/46
FLAMENT, Pascal	(54) ASSESSING RISK OF READING AND	C22C 38/00
(74) ir. W.J.J.M. Kempes	LANGUAGE IMPAIRMENT	C22C 38/02
(31) 14305043	(73) Yale University	C22C 38/04
(32) 11.01.2014	(72) GRUEN, Jeffrey, R.	C22C 38/06
(33) European Patent Office (EPO)	(74) ir. W.J.J.M. Kempes	(11) EP3204530
(47) 06.06.2018	(31) 201261723774 P	(21) EP15762569.0
(51) C12Q 1/68	(32) 07.11.2012	(22) 09.09.2015
C12Q 1/6827	(33) United States of America	(54) COLD ROLLED STEEL SHEET AND
(11) EP3241914	(47) 09.01.2019	RECRYSTALLISATION-ANNEALED
(21) EP17168527.4	(51) C21D 6/00	STEEL FLAT PRODUCT AND METHOD
(22) 05.11.2010	C21D 1/20	FOR PRODUCING THE SAME
(54) FETAL GENOMIC ANALYSIS FROM A	C22C 38/02	(73) ThyssenKrupp Steel Europe AG
MATERNAL BIOLOGICAL SAMPLE	C22C 38/04	thyssenkrupp AG
(73) Sequenom, Inc.	C22C 38/12	(72) BLUMENAU, Marc
The Chinese University Of Hong Kong	C22C 38/18	STEINEBRUNNER, Jörg
(72) LO, Yuk Ming Dennis	C22C 38/22	ZOCHER, Udo
CHAN, Kwan Chee	C22C 38/24	(74) ir. C.M. Jansen c.s.
CHIU, Wai Kwun Rossa	C21D 1/18	(31) 14188314
CANTOR, Charles	(11) EP2925899	(32) 09.10.2014
(74) dr. W.A.H.M. Van Born	(21) EP13795241.2	(33) European Patent Office (EPO)
(31) 258567 P	(22) 25.11.2013	(47) 09.01.2019
259075 P	(54) METALLIC STEEL MATERIAL	(51) C23C 14/06
381854 P	(73) Robert Bosch GmbH	C23C 14/32

- (11) EP2825683
(21) EP13709772.1
(22) 11.03.2013
(54) COATING WITH ENHANCED SLIDING PROPERTIES
(73) Oerlikon Surface Solutions AG, Pfäffikon
(72) RAMM, Jürgen
SEIBERT, Florian
WIDRIG, Beno
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261609415 P
(32) 12.03.2012
(33) United States of America
(47) 02.01.2019
-
- (51) C23C 14/32
C23C 14/54
H01J 37/32
H01J 37/34
(11) EP3143177
(21) EP14732390.1
(22) 13.05.2014
(54) METHOD TO FILTER MACRO PARTICLES IN A CATHODIC ARC PHYSICAL VAPOR DEPOSITION (PVD), IN VACUUM
(73) Argor Aljba SA
(72) UKHANOV, Sergey
(74) dr. A. Ellens c.s.
(47) 02.01.2019
-
- (51) C23C 16/40
C23C 16/503
C23C 16/34
C03C 17/00
C03C 17/36
(11) EP2714961
(21) EP12723492.0
(22) 24.05.2012
(54) METHOD FOR DEPOSITING LAYERS ON A GLASS SUBSTRATE BY MEANS OF LOW-PRESSURE PECVD
(73) AGC Glass Europe
(72) MAHIEU, Stijn
TIXHON, Eric
VAN STUYVENBERG, Martin
WIAME, Hugues
(74) ir. W.J.J.M. Kempes
(31) 201100322
(32) 25.05.2011
(33) Belgium
(47) 02.01.2019
-
- (51) C23C 16/455
C23C 16/54
C23C 16/458
C23C 16/44
H01L 21/677
(11) EP3215652
(21) EP15828542.9
(22) 03.11.2015
(54) ATOMIC LAYER DEPOSITION APPARATUS AND METHOD FOR PROCESSING SUBSTRATES USING AN APPARATUS
(73) ASM International N.V.
(72) GRANNEMAN, Ernst Hendrik August
HU, Leilei
(74) ir. C.M. Jansen c.s.
(31) 2013739
(32) 04.11.2014
- (33) Netherlands
(47) 26.12.2018
-
- (51) C23C 18/30
C23C 18/44
C25D 5/02
C25D 5/34
(11) EP2222891
(21) EP08851808.9
(22) 21.11.2008
(54) NANO-PARTICLE DISPERSIONS
(73) The University Court Of The University Of Dundee
(72) CAIRNS, James, Anthony
BERRY, Graham, James
GIBSON, Roderick, Allan, George
(74) ir. C.M. Jansen c.s.
(31) 0722989
0801013
(32) 23.11.2007
19.01.2008
(33) United Kingdom
United Kingdom
(47) 02.01.2019
-
- (51) C23C 22/05
C23C 22/78
C23C 22/82
C23C 2/06
C23C 2/26
C23F 11/14
C25D 3/22
C25D 5/48
(11) EP3250730
(21) EP16704480.9
(22) 01.02.2016
(54) METHOD FOR THE PRODUCTION OF A COATED METAL SHEET, COMPRISING THE APPLICATION OF AN AQUEOUS SOLUTION CONTAINING AN AMINO ACID, AND ASSOCIATED USE IN ORDER TO IMPROVE CORROSION RESISTANCE
(73) Arcelormittal S.A.
(72) RACHIELE, Lydia
DERULE, Herve
THAÏ, Delphine
(74) ir. A.R. Aalbers
(31) PCT/IB2015/050722
(32) 30.01.2015
(33) World Intellectual Property Office (WIPO)
(47) 23.01.2019
-
- (51) C23C 28/02
C23C 14/16
C23C 14/02
(11) EP2794951
(21) EP12812866.7
(22) 21.12.2012
(54) SUBSTRATE WITH A DOUBLE LAYERED COATING
(73) Tata Steel Nederland Technology B.V.
(72) ZOESTBERGEN, Edzo
MAALMAN, Theodorus Franciscus Jozef
LANGKRUIS, Jörgen van de
GOODENOUGH, Mark Robert
(74) ir. J.W. Herman de Groot c.s.
(31) 11010190
(32) 23.12.2011
(33) European Patent Office (EPO)
(47) 06.03.2019
-
- (51) C25B 3/02
(11) EP2534281
(21) EP11704430.5
(22) 08.02.2011
(54) METHOD FOR PRODUCING 4-ISOPROPYLCYCLOHEXYLMETHANOL
(73) BASF SE
(72) STECKER, Florian
GRIESBACH, Ulrich
BOCK, Martin
KÖNIGSMANN, Lucia
(74) ir. W.J.J.M. Kempes
(31) 10153392
(32) 12.02.2010
(33) European Patent Office (EPO)
(47) 09.01.2019
-
- (51) C25B 3/02
C25B 3/04
C25B 9/00
C25B 9/08
C25B 15/08
(11) EP2897910
(21) EP13839027.3
(22) 05.08.2013
(54) ELECTROCHEMICAL CO-PRODUCTION OF CHEMICALS UTILIZING A HALIDE SALT
(73) Avantium Knowledge Centre B.V.
(72) TEAMEY, Kyle
KACZUR, Jerry J.
(74) drs. A.M.A. Rovers
(31) 201261703229 P
201261703158 P
201261703175 P
201261703231 P
201261703232 P
201261703234 P
201261703238 P
201261703187 P
201261720670 P
201213724807
(32) 19.09.2012
19.09.2012
19.09.2012
19.09.2012
19.09.2012
19.09.2012
19.09.2012
19.09.2012
19.09.2012
31.10.2012
21.12.2012
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
(47) 02.01.2019
-
- (51) C25B 3/10
(11) EP3180459
(21) EP15748263.9
(22) 12.08.2015

(54) PROCESS FOR PREPARING ALCOHOLS BY ELECTROCHEMICAL REDUCTIVE COUPLING	(47) 09.01.2019	(73) WELLAND MEDICAL LIMITED
(73) BASF SE	(51) C30B 25/02	(72) SMITH, Rory
(72) AUST, Nicola Christiane	C30B 29/02	(74) J.M.H. Duyver lic.
GRIESBACH, Ulrich	C30B 25/18	(31) 201306833
PELZER, Ralf	C30B 29/64	(32) 15.04.2013
HAAG, Thomas	C01B 32/182	(33) United Kingdom
BERENS, Ulrich	C01B 32/184	(47) 06.03.2019
BOTZEM, Joerg	C01B 32/186	(51) D06B 17/06
(74) ir. W.J.J.M. Kempes	B82Y 30/00	D06B 19/00
(31) 14181057	B82Y 40/00	B41F 15/12
(32) 14.08.2014	C01B 32/188	B41J 11/00
(33) European Patent Office (EPO)	(11) EP2392547	B65H 19/28
(47) 09.01.2019	(21) EP11168749.7	(11) EP3262223
(51) C25D 3/06	(22) 06.06.2011	(21) EP16715875.7
C25D 5/48	(54) Method of graphene manufacturing	(22) 19.02.2016
C25D 7/06	(73) Instytut Technologii Materiałó	(54) DEVICE FOR STEAM TREATING A PRINTED FIBROUS SHEET MATERIAL, PARTICULARLY FOR FIXING PRINTING INK, AND PROCESS OF FIXING INK ON SAID PRINTED FIBROUS SHEET MATERIAL
C25D 5/34	Elektronicznych	(73) MS PRINTING SOLUTIONS S.R.L.
C25D 5/36	(72) Strupinski, Wlodzimierz	(72) MILINI, Luigi
C25D 9/08	(74) ir. J.M.G. Dohmen c.s.	(74) ir. W.J.J.M. Kempes
C25D 9/10	(31) 39141610	(31) MI20150260
(11) EP2922983	(32) 07.06.2010	(32) 23.02.2015
(21) EP13794902.0	(33) Poland	(33) Italy
(22) 21.11.2013	(47) 26.12.2018	(47) 02.01.2019
(54) CHROMIUM-CHROMIUM OXIDE COATINGS APPLIED TO STEEL SUBSTRATES FOR PACKAGING APPLICATIONS AND A METHOD FOR PRODUCING SAID COATINGS	(51) D01F 2/10	(51) D06F 39/02
(73) Tata Steel IJmuiden BV	(11) EP2931952	(11) EP3190221
(72) WIJENBERG, Jacques Hubert Olga Joseph	(21) EP13814460.5	(21) EP16205056.1
STEEGH, Michiel	(22) 04.12.2013	(22) 19.12.2016
PENNING, Jan Paul	(54) REGENERATED CELLULOSE FIBRE	(54) LAUNDRY TREATING APPARATUS HAVING DETERGENT INSERT DOOR
ORTEGIES ZWART, Ilja	(73) Kelheim Fibres GmbH	(73) LG ELECTRONICS INC.
DE VOOYS, Arnoud Cornelis Adriaan	(72) ROGGENSTEIN, Walter	(72) JUNG, Sungwoon
(74) ir. J.W. Herman de Groot c.s.	HERMANUTZ, Frank	JANG, Hunjun
(31) 12193623	WIMMER, Philipp	(74) ir. A.R. Aalbers
12195261	(74) ir. C.M. Jansen c.s.	(31) 20160001208
(32) 21.11.2012	(31) 12197065	(32) 05.01.2016
03.12.2012	(32) 13.12.2012	(33) Korea (Republic)
(33) European Patent Office (EPO)	(33) European Patent Office (EPO)	(47) 06.02.2019
European Patent Office (EPO)	(47) 30.01.2019	(51) D06M 11/00
(47) 20.02.2019	(51) D04H 1/00	D06M 15/263
(51) C30B 13/24	A61Q 19/00	D06M 15/643
C30B 29/06	A61Q 19/10	D06M 23/08
B23K 26/00	A61K 8/02	(11) EP3129544
B23K 26/073	D04H 3/015	(21) EP15777478.7
B23K 26/08	D04H 3/11	(22) 08.04.2015
H01L 21/02	D04H 3/12	(54) WATER REPELLENT, SOIL RESISTANT, FLUORINE-FREE COMPOSITIONS
H01L 29/66	D21H 27/00	(73) INVISTA Textiles (U.K.) Limited
B23K 26/0622	A47L 13/17	(72) BAUMANN, Markus
B23K 101/42	(11) EP2967263	(74) M.A.T. Beck MSc LL.B
B23K 103/00	(21) EP14767805.6	(31) 14164089
(11) EP2735629	(22) 07.03.2014	(32) 09.04.2014
(21) EP13193762.5	(54) WATER DISPERSIBLE WIPE SUBSTRATE	(33) European Patent Office (EPO)
(22) 21.11.2013	(73) GPCP IP Holdings LLC	(47) 09.01.2019
(54) METHOD OF MANUFACTURING LOW TEMPERATURE POLYSILICON FILM, THIN FILM TRANSISTOR AND MANUFACTURING METHOD THEREOF	(72) BAER, Samuel Charles	(51) D06M 14/34
(73) BOE Technology Group Co., Ltd.	MILLER, Joseph H.	C08J 5/04
(72) Tian, Xueyan	(74) J.M.H. Duyver lic.	C08J 5/06
Long, Chunping	(31) 201361792801 P	D06M 13/44
(74) ir. W.J.J.M. Kempes	(32) 15.03.2013	(11) EP3094775
(31) 201210479947	(33) United States of America	(21) EP15701639.5
(32) 22.11.2012	(47) 27.02.2019	(22) 13.01.2015
(33) China	(51) D04H 1/425	(54) GRAFTED PARA-ARAMID FIBER AND METHOD OF MAKING
	A47L 13/17	(73) E. I. du Pont de Nemours and Company
	A61K 8/02	
	D04H 1/4291	
	D04H 1/587	
	(11) EP2986767	
	(21) EP14721782.2	
	(22) 15.04.2014	
	(54) FLUSHABLE WIPE	

- (72) TEASLEY, Mark F.
 (74) ir. C.M. Jansen c.s.
 (31) 201414155456
 (32) 15.01.2014
 (33) United States of America
 (47) 27.02.2019
-
- (51) D06M 15/53
 C08G 18/48
 D06M 101/40
 (11) EP2530199
 (21) EP11734536.3
 (22) 06.01.2011
 (54) CARBON FIBER BUNDLES
 (73) Toray Industries, Inc.
 (72) HIRANO, Noriyuki
 TSUCHIYA, Atsuki
 HONMA, Masato
 (74) J.M.H. Duyver lic.
 (31) 2010009757
 2010009756
 2010009755
 (32) 20.01.2010
 20.01.2010
 20.01.2010
 (33) Japan
 Japan
 Japan
 (47) 27.02.2019
-
- (51) D06M 16/00
 D06P 1/34
 A61Q 5/06
 D06P 5/15
 D06P 5/20
 D06M 10/02
 D06P 5/22
 D06M 11/34
 A23L 5/43
 A23L 29/00
 A61K 8/97
 A61Q 19/04
 A61Q 5/10
 A61K 8/66
 (11) EP2708641
 (21) EP12731686.7
 (22) 14.05.2012
 (54) METHOD FOR COLORING MATERIALS
 WITH NATURAL COLORANTS AND ITS
 ARTICLES
 (73) Tintex - Textiles, S.A.
 (72) DOS SANTOS MARINHO DA SILVA,
 Carla Joana
 DA ROCHA CARDOSO, Ana Patrícia
 ANTUNES BARROS, Alexandre António
 MACHADO, Maria José
 DO CARMO CRISPIM RIBEIRO, Luís
 Filipe
 TARRIO AGREIRO BEZERRA, Rodrigo
 José
 MONTEIRO RODRIGUES, António José
 (74) P.J. Pollard B.Eng
 (31) 2011105698
 (32) 12.05.2011
 (33) Portugal
 (47) 23.01.2019
-
- (51) D06N 3/04
 D06N 7/00
 D06M 15/347
 D06M 23/04
 (11) EP3180474
 (21) EP15757060.7
 (22) 13.08.2015
- A47L 13/16
 (11) EP3004453
 (21) EP14726877.5
 (22) 11.04.2014
 (54) CLEANING CLOTH
 (73) Carl Freudenberg KG
 (72) RITTHALER, Volker
 DUNKEL, Jörg
 HAUSDORF, Jörg
 VROOM, Gerrius
 EISENHUT, Andreas
 (74) ir. W.J.J.M. Kempes
 (31) 102013008985
 (32) 28.05.2013
 (33) Germany
 (47) 16.01.2019
-
- (51) D21C 9/18
 C08B 15/02
 D21F 3/00
 D21H 11/18
 B01D 33/00
 F26B 13/28
 (11) EP3066258
 (21) EP14860160.2
 (22) 05.11.2014
 (54) PROCESS FOR DEWATERING
 MICROFIBRILLATED CELLULOSE
 (73) Stora Enso Oyj
 (72) NOUSIAINEN, Laura
 KOSTIAINEN, Petteri
 SAARINEN, Petteri
 NORDSTRÖM, Jan-Erik
 (74) J.M.H. Duyver lic.
 (31) 1351315
 (32) 07.11.2013
 (33) Sweden
 (47) 09.01.2019
-
- (51) D21G 9/00
 D21H 23/78
 D21C 9/08
 D21C 5/02
 (11) EP2220294
 (21) EP08856352.3
 (22) 26.11.2008
 (54) METHOD AND APPARATUS FOR
 MEASURING DEPOSITION OF
 PARTICULATE CONTAMINANTS IN
 PULP AND PAPER SLURRIES
 (73) Solenis Technologies Cayman, L.P.
 (72) LAURINT, Mark
 LOBO, Lloyd
 KELLY, Catherine, L.
 (74) J.M.H. Duyver lic.
 (31) 4997
 (32) 30.11.2007
 (33) United States of America
 (47) 09.01.2019
-
- (51) D21H 17/46
 D21H 17/52
 D21H 17/55
 D21H 17/56
 D21H 21/20
 C08G 73/02
 C08L 79/02
 D21H 11/20
 (11) EP3180474
 (21) EP15757060.7
 (22) 13.08.2015
- (54) PROCESS TO IMPROVE PERFORMANCE
 OF WET-STRENGTH RESINS THROUGH
 BASE ACTIVATION
 (73) Solenis Technologies, L.P.
 (72) CRISP, Mark T.
 EVANS, Michael A.
 LEWIS, Ashley H.
 PELTIER, Jeffrey Hubert
 RIEHLE, Richard J.
 SPRAUL, Bryan K.
 (74) J.M.H. Duyver lic.
 (31) 201462036727 P
 (32) 13.08.2014
 (33) United States of America
 (47) 02.01.2019
-
- (51) D21H 23/76
 B32B 29/08
 D21H 27/40
 D21H 17/28
 D21H 17/37
 D21H 17/42
 D21H 17/44
 D21H 17/45
 D21H 17/56
 D21H 21/18
 D21H 19/54
 D21H 23/22
 B32B 29/06
 B32B 3/28
 B65D 5/56
 (11) EP3122937
 (21) EP15711092.5
 (22) 10.03.2015
 (54) METHOD FOR PRODUCING
 CORRUGATED CARDBOARD
 (73) BASF SE
 (72) BUCHAN, Matthew
 HAFFKE, Reinhard
 RENSEN, Leonardus Guido Antonius
 HAMERS, Christoph
 SCHALL, Norbert
 (74) ir. W.J.J.M. Kempes
 (31) 14162385
 (32) 28.03.2014
 (33) European Patent Office (EPO)
 (47) 02.01.2019
-
- (51) E01C 19/05
 E01C 19/10
 (11) EP2845439
 (21) EP13784894.1
 (22) 06.05.2013
 (54) MOBILE MICROWAVE PROCESSING
 UNIT FOR PAVEMENT RECYCLING
 AND ASPHALT PAVEMENT
 PRODUCTION
 (73) ALM Holding Company
 (72) ELIOT, Mark
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201261643010 P
 201261643046 P
 (32) 04.05.2012
 04.05.2012
 (33) United States of America
 United States of America
 (47) 06.02.2019
-
- (51) E01F 9/529
 (11) EP3024984
 (21) EP14829668.4

(22) 22.07.2014	(74) ir. H.J.G. Lips c.s.	(51) E04B 9/30
(54) PORTABLE ROADWAY WARNING DEVICE	(31) 105122385	(11) EP3227505
(73) Plastic Safety Systems, Inc.	(32) 15.07.2016	(21) EP15808712.2
(72) BROWN, Gregory H.	(33) Taiwan, Province of China	(22) 10.11.2015
METTLER, Charles M.	(47) 13.03.2019	(54) LIGHTING DOUBLE RAIL OF TUBULAR SHAPE AND THREE DIMENSIONAL STRUCTURE COMPRISING SUCH A RAIL
(74) J.M.H. Duyver lic.	(51) E02F 9/22	(73) Normalu
(31) 201361857378 P	E02F 9/20	(72) SCHERRER, Jean-Marc
201414336349	(11) EP2628861	(74) ir. C.M. Jansen c.s.
(32) 23.07.2013	(21) EP11832257.7	(31) 1461980
21.07.2014	(22) 28.09.2011	(32) 05.12.2014
(33) United States of America	(54) CONTROL DEVICE FOR WORKING MACHINE	(33) France
United States of America	(73) Takeuchi Mfg. Co., Ltd.	(47) 02.01.2019
(47) 27.02.2019	(72) TAKIZAWA, Takahiro	
(51) E01F 15/14	KUMEUCHI, Kengo	(51) E04C 2/34
(11) EP2494111	(74) ir. H.Th. van den Heuvel c.s.	(11) EP2678490
(21) EP10828642.8	(31) 2010230575	(21) EP11794641.8
(22) 20.10.2010	(32) 13.10.2010	(22) 28.11.2011
(54) VEHICLE CRASH ATTENUATOR APPARATUS	(33) Japan	(54) LIGHTWEIGHT CONSTRUCTION ELEMENT WHICH IS CAPABLE OF BEARING OR IS BEARING
(73) Lindsay Transportation Solutions, Inc	(47) 27.02.2019	(73) Meyer, Yvonne
(72) FLORES MORALES, Alvaro, E.	(51) E02F 9/28	Wolter, Antje
DYKE, Gerrit	(11) EP2494113	Wolf, Thomas
(74) ir. C.M. Jansen c.s.	(21) EP10827417.6	(72) Meyer, Peter
(31) 589664	(22) 27.10.2010	Klein, Harry
(32) 27.10.2009	(54) WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT	(74) ir. W.J.J.M. Kempes
(33) United States of America	(73) ESCO Group LLC	(31) 102011012492
(47) 09.01.2019	(72) SNYDER, Christopher, D.	102011014206
(51) E02B 1/02	(74) J.M.H. Duyver lic.	(32) 25.02.2011
A01K 61/54	(31) 256561 P	17.03.2011
(11) EP3341525	(32) 30.10.2009	(33) Germany
(21) EP16754169.7	(33) United States of America	Germany
(22) 09.07.2016	(47) 06.03.2019	(47) 02.01.2019
(54) DEVICE FOR SIMULATING EBB AND FLOW	(51) E02F 9/28	(51) E04C 3/29
(73) ALFRED-WEGENER-INSTITUT	(11) EP2889434	E04C 3/28
(72) PANSCH, Andreas	(21) EP15151786.9	(11) EP2929104
(31) 102015011264	(22) 06.05.2008	(21) EP13824186.4
(32) 27.08.2015	(54) Wear member and wear assembly for excavating equipment	(22) 10.12.2013
(33) Germany	(73) ESCO Group LLC	(54) PROFILE WITH U-SHAPED PORTION(S), LOAD-BEARING STRUCTURAL ELEMENT OF A VEHICLE INCORPORATING SAME, AND METHOD FOR MANUFACTURING THE PROFILE
(47) 30.01.2019	(72) Ollinger VI., Charles G.	(73) Hutchinson
(51) E02B 3/12	Snyder, Chris D.	(72) GODON, Michaël
E02B 3/14	Kreitzberg, John S.	BERGERE, Stéphane
(11) EP2531656	(74) J.M.H. Duyver lic.	FLORENTZ, Bertrand
(21) EP11705288.6	(31) 928780 P	CIOLCZYK, Jean-Pierre
(22) 03.02.2011	928821 P	(74) J.M.H. Duyver lic.
(54) BLOCK FOR THE PROTECTION OF WATER BANKS AND THE LIKE	930483 P	(31) 1261826
(73) Spekpannekoek B.V.	(32) 10.05.2007	(32) 10.12.2012
ABS Infradvies B.V.	10.05.2007	(33) France
(72) PANNEKOEK, Jacob, Gerrit, Hendrik	15.05.2007	(47) 02.01.2019
BRUINS SLOT, Albert	(33) United States of America	(51) E04F 10/06
(74) ir. A. Ferguson	United States of America	(11) EP2767647
(31) 1037927	United States of America	(21) EP13005888.6
1037684	(47) 06.03.2019	(22) 18.12.2013
(32) 28.04.2010	(51) E04B 2/96	(54) Awning comprising lightning means
03.02.2010	(11) EP3296482	(73) Weinor GmbH & Co. KG
(33) Netherlands	(21) EP17190772.8	(72) Stawski, Karl-Heinz
Netherlands	(22) 13.09.2017	(74) J.M.H. Duyver lic.
(47) 27.03.2019	(54) BURGLARY PREVENTING FASTENING FOR A FACADE COVER ELEMENT	(31) 102013002741
(51) E02B 7/22	(73) A. Aalbers Holding B. V.	(32) 19.02.2013
E02B 7/54	(72) AALBERS, Aart	(33) Germany
(11) EP3269881	(74) ir. J.C. Volmer c.s.	(47) 27.02.2019
(21) EP17167480.7	(31) 2017459	
(22) 21.04.2017	(32) 14.09.2016	
(54) GATE BOARD TIGHTENING DEVICE	(33) Netherlands	
(73) Liu, Hui-Hung	(47) 20.03.2019	
(72) Liu, Hui-Hung		

(51) E04F 13/08 E04F 13/14 E04F 15/02 F16L 5/10	(31) 102015205213 (32) 23.03.2015 (33) Germany (47) 30.01.2019	(74) drs. A.A. Jilderda (31) 201462011470 P (32) 12.06.2014 (33) United States of America (47) 26.12.2018
(11) EP3260625 (21) EP16020241.2 (22) 21.06.2016 (54) SEALING AROUND WATER SUPPLY INSTALLATIONS TROUGH COMPONENTS OF A BUILDING STRUCTURE	(51) E05B 47/00 E05B 45/08 (11) EP1837463 (21) EP07000570.7 (22) 19.01.2007 (54) Electrical door opener (73) Carl Fuhr GmbH & Co. KG (72) Hans-Peter Roppelt, Technischer Leiter (74) mr. ir. J. van Breda c.s. (31) 102006013033 (32) 20.03.2006 (33) Germany (47) 02.01.2019	(51) E05C 1/10 E05C 3/00 E05C 19/18 E05C 1/00 E05C 1/04 (11) EP3318705 (21) EP17195446.4 (22) 09.10.2017 (54) DOOR, CLOSING SYSTEM AND LOGISTICS CONTAINER (73) K. Hartwall Oy AB (72) TIILIKAINEN, Markku JÄRVI, Mikko
(51) E04F 21/16 E04F 21/08 (11) EP2909395 (21) EP13742717.5 (22) 26.07.2013 (54) TOOL FOR APPLYING PLASTER TO A SURFACE	(51) E05B 47/02 E05C 1/00 E05C 1/08 E05B 17/00 E05B 47/00 E05B 81/64 E05B 35/00 (11) EP2960409 (21) EP15173529.7 (22) 24.06.2015 (54) OPENING MECHANISM (73) JAST Gifts (Shenzhen) Company Limited (72) Chen, Jen-Lin (74) ir. H.J.G. Lips c.s. (31) 202014005104 U (32) 25.06.2014 (33) Germany (47) 16.01.2019	(74) J.M.H. Duyver lic. (31) 20165824 (32) 02.11.2016 (33) Finland (47) 27.02.2019
(73) Scott Cutters Limited (72) RAMPLING, Scott (74) ir. A.R. Aalbers (31) 201214725 201309878 (32) 17.08.2012 03.06.2013 (33) United Kingdom United Kingdom (47) 16.01.2019	(51) E05B 15/04 (11) EP2696014 (21) EP13179233.5 (22) 05.08.2013 (54) AUTOMATIC LOCK (73) Aug. Winkhaus GmbH & Co. KG (72) Stötzer, Cornelius (74) ir. M.F.J.M. Ketelaars c.s. (31) 102012213989 (32) 07.08.2012 (33) Germany (47) 20.02.2019	(51) E05C 9/18 E05C 9/22 (11) EP3162995 (21) EP15002847.0 (22) 06.10.2015 (54) PART OF A FITTING FOR A WING OF A WINDOW OR A DOOR (73) Wilh. Schlechtendahl & Söhne GmbH & Co. KG (72) Zaccaria, Giovanni (74) ir. W.J.J.M. Kempes (31) 15002643 (32) 10.09.2015 (33) European Patent Office (EPO) (47) 09.01.2019
(51) E05B 19/00 (11) EP2530225 (21) EP12168050.8 (22) 15.05.2012 (54) Key for a lock cylinder (73) Aug. Winkhaus GmbH & Co. KG (72) Reckmann, Karin Spahn, Karl-Heinz (74) ir. M.F.J.M. Ketelaars c.s. (31) 102011076778 (32) 31.05.2011 (33) Germany (47) 06.02.2019	(51) E05B 47/00 E05B 63/20 E05C 9/18 E05B 47/00 (11) EP2696013 (21) EP13179232.7 (22) 05.08.2013 (54) Automatic lock (73) Aug. Winkhaus GmbH & Co. KG (72) Stötzer, Cornelius (74) ir. M.F.J.M. Ketelaars c.s. (31) 102012213988 (32) 07.08.2012 (33) Germany (47) 27.02.2019	(51) E05C 9/24 E05F 7/08 E05D 15/52 (11) EP2762664 (21) EP13196436.3 (22) 10.12.2013 (54) Corner guide to be fixed in an under-cut guide groove of a wing having rear cutting (73) Aug. Winkhaus GmbH & Co. KG (72) Kaup, Ludger Schewe, Florian Bernsmann, Wolfgang (74) ir. M.F.J.M. Ketelaars c.s. (31) 102013201521 (32) 30.01.2013 (33) Germany (47) 27.02.2019
(51) E05B 19/04 G07C 9/00 E05B 19/24 (11) EP3073031 (21) EP16157151.8 (22) 24.02.2016 (54) PROFILE CYLINDER KEY (73) BKS GmbH (72) Braam, Reinhold Pleitz, Friederich (74) ir. M.F.J.M. Ketelaars c.s.	(51) E05B 67/06 (11) EP3155195 (21) EP15807117.5 (22) 12.06.2015 (54) HOOP LOCK WITH DUAL LOCKING (73) Schlage Lock Company LLC (72) KINDSTRAND, Daniel Hugh RAMAKRISHNA, Manjunatha	(51) E05D 3/16 E05F 5/02 E05F 1/14 E05F 1/12 (11) EP3309336 (21) EP17204150.1 (22) 15.10.2012 (54) SNAP HINGE WITH DAMPED CLOSING (73) D.G.N. S.R.L. (72) ZETTI, Daniele (74) mr. ir. J. van Breda c.s. (47) 09.01.2019

(51) E06B 1/02 E04B 1/26	United States of America	(11) EP3108092
(11) EP3269914	(47) 02.01.2019	(21) EP14892647.0
(21) EP16178889.8	(51) E21B 19/06	(22) 09.10.2014
(22) 11.07.2016	E21B 19/16	(54) ALIGNMENT SYSTEM FOR A
(54) SUPPORT ELEMENT FOR A WINDOW	E21B 23/00	PERFORATING GUN
OR DOOR FRAME	E21B 3/02	(73) Hunting Titan Inc.
(73) ISO-Chemie GmbH	(11) EP2584138	(72) LANGFORD, Dale
(74) ir. F.A. Geurts c.s.	(21) EP12196878.8	RUDNIK, Ian Douglas
(47) 26.12.2018	(22) 04.05.2009	(74) dr. A. Krebs
(51) E06B 9/42	(54) Apparatus and methods for wedge lock	(31) 201414286587
(11) EP2904181	prevention	(32) 23.05.2014
(21) EP13771563.7	(73) Weatherford Technology Holdings, LLC	(33) United States of America
(22) 02.09.2013	(72) Liess, Martin	(47) 30.01.2019
(54) CONTROL ASSEMBLY FOR A ROLLER	(74) ir. C.M. Jansen c.s.	(51) E21B 43/26
BLIND	(31) 126301 P	(11) EP2459845
(73) Louver-Lite Limited	126223 P	(21) EP10742300.6
(72) GREENING, Andrew	50121 P	(22) 26.07.2010
(74) ir. C.M. Jansen c.s.	(32) 02.05.2008	(54) METHODS AND APPARATUS FOR
(31) 201215667	02.05.2008	MULTILATERAL MULTISTAGE
(32) 03.09.2012	02.05.2008	STIMULATION OF A WELL
(33) United Kingdom	(33) United States of America	(73) Schlumberger Holdings Limited
(47) 02.01.2019	United States of America	(72) SKEATES, Craig
(51) E06C 7/08	United States of America	GILL, Gary, E.
(11) EP3246509	(47) 02.01.2019	MAHDI, Abbas
(21) EP17171244.1	(51) E21B 23/00	(74) ir. J.M.G. Dohmen c.s.
(22) 16.05.2017	E21B 34/14	(31) 213949 P
(54) LADDER	E21B 43/14	(32) 31.07.2009
(73) ZARGES GmbH	E21B 43/26	(33) United States of America
(72) Üblacker, Rainer	(11) EP3018285	(47) 02.01.2019
Elerschmalz, Andreas	(21) EP15193544.2	(51) E21B 43/26
(74) ir. F.A. Geurts c.s.	(22) 06.11.2015	F15B 15/06
(31) 202016102665 U	(54) INDEXING STIMULATING SLEEVE AND	F04F 13/00
(32) 19.05.2016	OTHER DOWNHOLE TOOLS	E21B 43/267
(33) Germany	(73) Weatherford Technology Holdings, LLC	(11) EP3227529
(47) 09.01.2019	(72) GONZALEZ, Dick S.	(21) EP15820682.1
(51) E21B 10/44	GARCIA, Cesar G.	(22) 04.12.2015
B23B 51/02	(74) ir. C.M. Jansen c.s.	(54) SYSTEMS AND METHODS FOR
E21B 10/58	(31) 201462077029 P	A COMMON MANIFOLD WITH
(11) EP2792838	(32) 07.11.2014	INTEGRATED HYDRAULIC ENERGY
(21) EP14165314.7	(33) United States of America	TRANSFER SYSTEMS
(22) 18.04.2014	(47) 26.12.2018	(73) Energy Recovery, Inc.
(54) Cutting plate	(51) E21B 33/12	(72) HOFFMAN, Adam Rothschild
(73) DIAGER	E21B 43/14	THEODOSSIOU, Alexander Patrick
(72) Lamy, Sylvain	E21B 23/06	ANDERSON, David Deloyd
Maurice, Dominique	E21B 31/00	GHASRIPOOR, Farshad
(74) drs. C.M.A. Quintelier	E21B 33/124	MARTIN, Jeremy Grant
(31) 1353604	E21B 43/116	(74) ir. F.A. Geurts c.s.
(32) 19.04.2013	E21B 43/26	(31) 201462088435 P
(33) France	(11) EP3180493	201514958383
(47) 02.01.2019	(21) EP15832132.3	(32) 05.12.2014
(51) E21B 19/06	(22) 20.05.2015	03.12.2015
(11) EP2992169	(54) WELLBORE PLUG ISOLATION SYSTEM	(33) United States of America
(21) EP14733758.8	AND METHOD	United States of America
(22) 02.05.2014	(73) Geodynamics, Inc.	(47) 13.03.2019
(54) TUBULAR HANDLING TOOL	(72) SNIDER, Phillip, M.	(51) E21B 49/10
(73) Weatherford Technology Holdings, LLC	GEORGE, Kevin, R.	G01N 33/24
(72) HEIDECHE, Karsten	HARDESTY, John, T.	(11) EP1982047
AMEZAGA, Federico	WROBLICKY, Michael, D.	(21) EP07706061.4
MCINTIRE, Scott	CLARK, Nathan, G.	(22) 31.01.2007
THIEMANN, Bjoern	ROLLINS, James, A.	(54) VADOSE ZONE PROBE, METHOD AND
OWNBY, John Fielding	WESSON, David, S.	SYSTEM FOR MONITORING SOIL
(74) ir. C.M. Jansen c.s.	(74) J.M.H. Duyver lic.	PROPERTIES
(31) 201361818871 P	(31) 2014144459042	(73) Ben-Gurion University of the Negev
201361867924 P	(32) 13.08.2014	Research and Development Authority
(32) 02.05.2013	(33) United States of America	(72) DAHAN, Ofer
20.08.2013	(47) 27.02.2019	(74) ir. W.J.J.M. Kempes
(33) United States of America	(51) E21B 43/119	(31) 763395 P
	E21B 43/117	(32) 31.01.2006

(33) United States of America	Pierro, Enzo	(32) 08.03.2012
(47) 09.01.2019	(74) ir. J.C. Volmer c.s.	(33) Italy
(51) E21C 35/183	(47) 27.03.2019	(47) 20.02.2019
B28D 1/18	(51) F02B 39/00	(51) F02C 7/36
(11) EP2997223	F01D 25/24	F01D 15/10
(21) EP14730675.7	F01D 9/02	F02C 3/10
(22) 08.05.2014	F02B 37/02	F02C 1/02
(54) ROAD-REMOVAL SYSTEM	(11) EP2636868	H02K 7/18
EMPLOYING POLYCRYSTALLINE	(21) EP11837838.9	F02C 3/073
DIAMOND COMPACTS	(22) 12.10.2011	(11) EP3123018
(73) US Synthetic Corporation	(54) TURBINE HOUSING FOR TWIN SCROLL	(21) EP15767948.1
(72) BURTON, Regan, Leland	TURBOCHARGER	(22) 26.03.2015
DADSON, Andrew, E.	(73) Mitsubishi Heavy Industries Engine &	(54) GAS TURBINE GENERATOR WITH A
SANI, Mohammad, N.	Turbocharger, Ltd.	PRE-COMBUSTION POWER TURBINE
(74) ir. J.C. Volmer c.s.	(72) YOSHIDA, Toyotaka	(73) Scaled Power Corp.
(31) 201361824007 P	EBISU, Motoki	(72) KEOGH, Rory, C.
(32) 16.05.2013	(74) ir. J.C. Volmer c.s.	THOMAS, Gregory
(33) United States of America	(31) 2010247939	(74) ir. H.J.G. Lips c.s.
(47) 20.03.2019	(32) 04.11.2010	(31) 201414229677
(51) F01D 11/04	(33) Japan	(32) 28.03.2014
F04D 29/12	(47) 27.03.2019	(33) United States of America
F04D 29/58	(51) F02B 39/14	(47) 23.01.2019
F16J 15/34	F02B 39/00	(51) F03D 9/10
F01D 25/10	F16C 35/067	F03D 1/04
(11) EP2977563	(11) EP3192993	F03D 3/04
(21) EP15002180.6	(21) EP15853335.6	F03D 9/11
(22) 23.07.2015	(22) 29.05.2015	F01D 15/10
(54) TURBOMACHINE HAVING A DRY GAS	(54) TURBOCHARGER	F03D 80/00
SEAL	(73) Mitsubishi Heavy Industries Engine &	F03D 9/25
(73) MAN Energy Solutions SE	Turbocharger, Ltd.	(11) EP3027898
(72) Mischo, Bob Christian	(72) NODA, Yoshitomo	(21) EP14777779.1
Mokulys, Thomas	TOJO, Masaki	(22) 16.07.2014
Scholtysik, Martin	(74) ir. C.M. Jansen c.s.	(54) AUXILIARY GENERATOR OF
Birrer, Reto	(31) 2014217029	ELECTRICAL ENERGY
Klaas, Annika	(32) 24.10.2014	(73) Munerato, Claudio
(74) ir. P.J. Hylarides c.s.	(33) Japan	Castaldini, Sandra
(31) 102014011042	(47) 13.02.2019	(72) Munerato, Claudio
(32) 26.07.2014	(51) F02C 3/14	Castaldini, Sandra
(33) Germany	F02C 7/22	(74) ir. M.F.J.M. Ketelaars c.s.
(47) 30.01.2019	F02C 6/18	(31) BO20130423
(51) F01N 13/14	F01D 9/02	(32) 31.07.2013
B32B 5/08	(11) EP2496810	(33) Italy
B32B 27/12	(21) EP10829064.4	(47) 30.01.2019
B32B 27/36	(22) 04.11.2010	(51) F04B 7/04
B32B 1/08	(54) MICRO-TURBINE COMBUSTOR	F04B 9/08
B32B 5/22	(73) JHRG INC.	F04F 13/00
B32B 5/26	(72) GORDON, Richard, W.	F15B 3/00
(11) EP3077638	(74) dr. T. Wittop Koning PhD	(11) EP3242017
(21) EP13791680.5	(31) 614035	(21) EP16168387.5
(22) 16.05.2013	(32) 06.11.2009	(22) 04.05.2016
(54) BREATHABLE MULTI-COMPONENT	(33) United States of America	(54) PRESSURE INTENSIFIER FOR SCREW-
EXHAUST INSULATION SYSTEM	(47) 20.03.2019	IN
(73) Saprex, LLC	(51) F02C 7/12	(73) Scanwill Fluid Power ApS
(72) GOULET, Robert, Jacque	F02C 7/20	(72) Iversen, Jesper Will
(74) J.M.H. Duyver lic.	(11) EP2823169	(74) ir. W.J.J.M. Kempes
(31) 201213475501	(21) EP13707415.9	(47) 02.01.2019
(32) 18.05.2012	(22) 06.03.2013	(51) F04D 17/12
(33) United States of America	(54) GAS TURBINE WITH PRIMARY AND	F04D 29/58
(47) 27.02.2019	SECONDARY LUBRICATING OIL	(11) EP3208465
(51) F02B 37/14	COOLER	(21) EP16156574.2
F02D 41/00	(73) Nuovo Pignone S.r.l.	(22) 19.02.2016
(11) EP2711521	(72) BEI, Simone	(54) METHOD FOR THE STEPWISE
(21) EP12185848.4	VITI, Filippo	COMPRESSION OF A GAS
(22) 25.09.2012	LAZZERI, Marco	(73) Linde Aktiengesellschaft
(54) System for aiding the planing of planing	MERLO, Roberto	(72) Höfel, Dr. Torben
boats	MARCUCCI, Daniele	McCracken, Sean
(73) FPT Industrial S.p.A.	(74) ir. M.F.J.M. Ketelaars c.s.	Kamann, Martin
(72) Buzzi, Fabio	(31) FI20120047	Katzur, Eva-Maria

Matthes, Jörg	(47) 16.01.2019	(73) FPT Motorenforschung AG
Bretschneider, Thomas	(51) F16F 9/34	(72) Milanovic, Dragoljub
(74) ir. W.J.J.M. Kempes	F16K 31/06	(74) ir. J.C. Volmer c.s.
(47) 09.01.2019	(11) EP2813728	(47) 27.02.2019
(51) F04D 19/00	(21) EP14171935.1	(51) F16H 57/04
F04D 29/54	(22) 11.06.2014	F16H 25/20
F04D 29/64	(54) Piston slide valve	(11) EP3237779
(11) EP3274589	(73) Rausch & Pausch GmbH	(21) EP15812949.4
(21) EP16726792.1	(72) Bähr, Sebastian	(22) 18.11.2015
(22) 22.03.2016	Döhla, Werner	(54) DRIVE SHAFT TRANSMISSION WITH A HOUSING, A SPINDLE, AND A NUT IN INTERACTION WITH THE SPINDLE
(54) AXIAL VENTILATOR WITH EXIT GUIDE VANE	Kemnitz, Rocco	(73) Sew-Eurodrive GmbH & Co. KG
(73) ebm-papst Mulfingen GmbH & Co. KG	(74) J.M.H. Duyver lic.	(72) DITTES, Gerhard
(72) GEBERT, Daniel	(31) 102013106215	(74) mr. ir. J. van Breda c.s.
PISSARCZYK, Thorsten	(32) 14.06.2013	(31) 102014018919
HOSS, Sebastian	(33) Germany	102015000358
(74) ir. F.A. Geurts c.s.	(47) 30.01.2019	(32) 22.12.2014
(31) 102015205424	(51) F16F 15/121	20.01.2015
(32) 25.03.2015	F16D 3/12	(33) Germany
(33) Germany	(11) EP2935935	Germany
(47) 30.01.2019	(21) EP13821879.7	(47) 09.01.2019
(51) F04D 29/30	(22) 20.12.2013	(51) F16J 15/40
F04D 29/66	(54) VIBRATION DAMPER FOR A TORQUE TRANSMISSION DEVICE OF A MOTOR VEHICLE	F16J 15/34
F04D 29/28	(73) Valeo Embrayages	(11) EP2993379
(11) EP2589816	(72) LOPEZ-PEREZ, Carlos	(21) EP15181393.8
(21) EP11849506.8	(74) J.M.H. Duyver lic.	(22) 18.08.2015
(22) 05.12.2011	(31) 1262613	(54) APPARATUS FOR EXCLUDING PARTICLE CONTAMINANTS FROM A GAS LIFT OFF MECHANICAL SEAL
(54) IMPELLER FOR CENTRIFUGAL COMPRESSOR	(32) 21.12.2012	(73) Flowserve Management Company
(73) Mitsubishi Heavy Industries, Ltd.	(33) France	(72) Griffith, Daryl L.
(72) HOSHI, Toru	(47) 27.02.2019	(74) ir. J.C. Volmer c.s.
TOMITA, Isao	(51) F16G 11/04	(31) 201414462635
IWAKIRI, Kenichiro	F16L 3/10	(32) 19.08.2014
SHIRAISHI, Takashi	F16L 3/11	(33) United States of America
(74) ir. J.C. Volmer c.s.	F16L 33/12	(47) 02.01.2019
(31) 2010277281	F16L 3/233	(51) F16K 31/06
(32) 13.12.2010	(11) EP2475911	F16K 31/08
(33) Japan	(21) EP10749480.9	(11) EP2567131
(47) 20.03.2019	(22) 10.08.2010	(21) EP11720162.4
(51) F15B 11/046	(54) SECURING APPARATUS TO SUPPORT AND SECURE AN ARTICLE	(22) 03.05.2011
(11) EP2532900	(73) Gripple Limited	(54) ELECTROMAGNETICALLY OPERATED SWITCHING DEVICES AND METHODS OF ACTUATION THEREOF
(21) EP12171240.0	(72) FACEY, Hugh, David	(73) Camcon Oil Limited
(22) 08.06.2012	CLARKE, Neil	(72) WYGNANSKI, Wladyslaw
(54) Method for operating a pneumatic drive	PERRET, Mathias, Henri	(74) mr. ir. J. van Breda c.s.
(73) bar Pneumatische Steuerungssysteme GmbH	BACON, Matthew	(31) 201102452
(72) Scholl, Klaus	(74) dr. W.A.H.M. Van Borm	201007458
(74) J.M.H. Duyver lic.	(31) 0915641	(32) 11.02.2011
(31) 102011050941	0919780	05.05.2010
(32) 09.06.2011	201010205	(33) United Kingdom
(33) Germany	201012648	United Kingdom
(47) 20.02.2019	(32) 08.09.2009	(47) 02.01.2019
(51) F16D 3/06	12.11.2009	(51) F16K 31/53
F16D 3/84	18.06.2010	F16K 3/03
(11) EP2993366	28.07.2010	(11) EP2988044
(21) EP15181622.0	(33) United Kingdom	(21) EP15020089.7
(22) 19.08.2015	United Kingdom	(22) 09.06.2015
(54) A RING COMPONENT EMBODIMENT IN CARDAN SHAFT SLIDING ASSY	United Kingdom	(54) SHUTTER VALVE WITH PIVOT ARMS
(73) Tirsan Kardan Sanayi Ve Ticaret Anonim Sirketi	United Kingdom	(73) Clarke Industrial Engineering, Inc.
(72) KORUK, ADNAN	(47) 06.03.2019	(72) DANIELS, Kyle P.
ÖZGÜRLER, HÜSEYİN	(51) F16H 57/00	(74) ir. P.J. Hylarides c.s.
TASAN, KORKUT	F16B 39/286	(31) 201414462047
SEN, ONUR	F16D 1/06	(32) 18.08.2014
(74) J.M.H. Duyver lic.	(11) EP2930402	(33) United States of America
(31) 201410067	(21) EP14163882.5	
(32) 28.08.2014	(22) 08.04.2014	
(33) Turkey	(54) System for assembling a pinion on a turbine axis of an internal combustion engine	

(47) 06.03.2019	(47) 02.01.2019	(72) ARMER, Jarod
(51) F16K 41/04	(51) F16L 17/10	FOSS, Doug
F16J 15/18	F16L 19/065	OLSSON, Mark
(11) EP2836750	F16L 21/08	MCCASLIN, Christopher
(21) EP13775515.3	F16L 37/62	(74) ir. W.J.J.M. Kempes
(22) 20.02.2013	F16L 21/04	(31) 201113373477
(54) PLUG VALVE AND STEM SEALING ASSEMBLY	(11) EP3146247	414873 P
(73) Aegis Flow Technologies, LLC	(21) EP15723530.0	(32) 14.11.2011
(72) CROCHET, Kevin, W., Sr.	(22) 21.05.2015	17.11.2010
EGER, Norman	(54) FITTING FOR COUPLING TO A PIPE	(33) United States of America
ROVIRA, Sidney, A., III	(73) Georg Fischer WAGA N.V.	United States of America
(74) dr. W.A.H.M. Van Borm	(72) WELLINK, Roel Alexander Maria	(47) 09.01.2019
(31) 201213446012	GIESEN, Leonardus Henricus Wilhelmus	(51) F21V 17/14
(32) 13.04.2012	NIJSEN, Andreas Jacobus Louis	F21V 19/00
(33) United States of America	HULSEBOS, Michel Paul	F21V 19/04
(47) 02.01.2019	(74) ir. W.J.J.M. Kempes	F21V 29/503
(51) F16K 49/00	(31) 2012869	F21Y 115/10
(11) EP3069061	(32) 22.05.2014	(11) EP3048364
(21) EP14802961.4	(33) Netherlands	(21) EP16152255.2
(22) 12.11.2014	(47) 30.01.2019	(22) 21.01.2016
(54) BALL MEMBER FOR A VALVE ASSEMBLY, BALL VALVE ASSEMBLY HAVING A BALL MEMBER AND METHOD FOR CONTROLLING THE TEMPERATURE OF A BALL MEMBER	(51) F17C 7/04	(54) MODULAR LED LAMP STRUCTURE
(73) AB Somas Ventiler	(11) EP3032163	(73) VIABIZZUNO S.R.L.
(72) MORICHETTO, Peter	(21) EP14306999.5	(72) NANNI, Mario
(74) ir. F.A. Geurts c.s.	(22) 11.12.2014	(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1351330	(54) Method and apparatus for controlling the evaporation of a liquefied gas	(31) BO20150022
(32) 12.11.2013	(73) Air Liquide B.V.	(32) 23.01.2015
(33) Sweden	(72) Putman, Eric	(33) Italy
(47) 02.01.2019	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 02.01.2019
(51) F16K 49/00	(47) 27.02.2019	(51) F21V 23/04
F16K 27/00	(51) F17C 9/00	H05B 37/02
(11) EP2370719	(11) EP2679879	(11) EP2935988
(21) EP09828440.9	(21) EP13172489.0	(21) EP13814810.1
(22) 26.11.2009	(22) 18.06.2013	(22) 17.12.2013
(54) A WATER DISCHARGE DEVICE	(54) Device for supercooling low boiling point liquefied gases	(54) LIGHTING FIXTURE FOR DISTRIBUTED CONTROL
(73) Yewdall, Gary	(73) Messer Group GmbH	(73) Cree, Inc.
Pickering, Graham	(72) Böckler, Dietrich	(72) CHOBOT, Joseph, P.
(72) Yewdall, Gary	Dietrich, Oliver	HARRIS, Michael, James
Pickering, Graham	(74) ir. W.J.J.M. Kempes	(74) ir. M.F.J.M. Ketelaars c.s.
(74) ir. M.F.J.M. Ketelaars c.s.	(31) 102012013300	(31) 201261738749 P
(31) 2008906123	(32) 27.06.2012	201313782040
(32) 26.11.2008	(33) Germany	(32) 18.12.2012
(33) Australia	(47) 02.01.2019	01.03.2013
(47) 30.01.2019	(51) F21V 8/00	(33) United States of America
(51) F16L 1/19	G02B 6/04	United States of America
F16L 1/20	(11) EP2247970	(47) 30.01.2019
F16L 1/235	(21) EP09716098.0	(51) F23C 10/10
B66D 1/74	(22) 24.02.2009	F22B 1/22
(11) EP3004707	(54) SAFE LIGHTING SYSTEM	F22B 35/00
(21) EP14727840.2	(73) The University Court of the University of St. Andrews	B01J 8/00
(22) 04.06.2014	(72) WALKER, Donald	B01J 8/38
(54) DEVICE FOR LAYING AN ELONGATE ELEMENT IN A STRETCH OF WATER, ASSOCIATED INSTALLATION AND ASSOCIATED METHOD	DUNN, Malcolm, Harry	(11) EP2712327
(73) Technip France	RAE, Cameron, Francis	(21) EP12710005.5
(72) MALOBERTI, René	(74) ir. C.M. Jansen c.s.	(22) 27.02.2012
(74) ir. C.M. Jansen c.s.	(31) 0803662	(54) OXYCOMBUSTION IN A TRANSPORT OXY-COMBUSTOR
(31) 1355171	(32) 28.02.2008	(73) Southern Company
1355771	(33) United Kingdom	(72) VIMALCHAND, Pannalal
(32) 05.06.2013	(47) 02.01.2019	LIU, Guohai
19.06.2013	(51) F21V 14/08	PENG, WanWang
(33) France	(11) EP2641011	(74) ir. C.M. Jansen c.s.
France	(21) EP11840835.0	(31) 201161482498 P
	(22) 17.11.2011	201213405312
	(54) ADJUSTABLE LIGHT FOR UNDERWATER PHOTOGRAPHY	(32) 04.05.2011
	(73) Light & Motion Industries	26.02.2012
		(33) United States of America
		United States of America
		(47) 06.02.2019

- (51) F23D 14/32
F23D 14/22
C03B 5/235
F23D 14/66
- (11) EP1966537
(21) EP06847161.4
(22) 18.12.2006
(54) STAGED OXYFUEL COMBUSTION METHOD USING PRE-HEATED REAGENTS
- (73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) LEROUX, Bertrand
CONSTANTIN, Gabriel
IMBERNON, Christian
TSIAVA, Rémi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 0554032
(32) 22.12.2005
(33) France
(47) 27.02.2019
- (51) F24D 3/10
E03C 1/10
- (11) EP2594854
(21) EP12382397.3
(22) 16.10.2012
(54) Valve unit adapted to connect a water supply network to a primary circuit
- (73) ORKLI, S. COOP.
(72) San Sebastian Etxebarria, Eñaut
(74) ir. W.J.J.M. Kempes
(31) 201131831
(32) 15.11.2011
(33) Spain
(47) 13.02.2019
- (51) F24D 19/10
F28D 20/00
F28D 20/02
- (11) EP2321583
(21) EP09782067.4
(22) 21.08.2009
(54) CONTROLLER FOR ENERGY SUPPLY SYSTEMS
- (73) VITO NV
(72) VAN BAEL, Johan
HOES, Hans
DE RIDDER, Fjo
(74) M.A.T. Beck MSc LL.B
(31) 08163352
08172941
(32) 29.08.2008
24.12.2008
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 02.01.2019
- (51) F24F 3/052
F24F 13/04
F24F 13/14
- (11) EP2702333
(21) EP11802331.6
(22) 09.12.2011
(54) METHOD OF OPERATING A VENTILATION UNIT WITH MIXING CHAMBER
- (73) Robert Bosch GmbH
(72) Bauer, Albert
(74) ir. C.M. Jansen c.s.
- (31) 102011000525
(32) 04.02.2011
(33) Germany
(47) 20.02.2019
- (51) F24F 3/14
F25B 13/00
F25B 30/02
- (11) EP2787293
(21) EP14157538.1
(22) 03.03.2014
(54) Integrated membrane dehumidification system
- (73) Carrier Corporation
(72) Gerlach, David W.
Kandil, Sherif
Verma, Parmesh
Cogswell, Frederick J.
Ranjan, Rajiv
Mahmoud, Ahmad M.
Lord, Richard G.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361772240 P
(32) 04.03.2013
(33) United States of America
(47) 02.01.2019
- (51) F24H 1/18
F24D 17/00
H05B 6/10
- (11) EP2883006
(21) EP13745836.0
(22) 05.08.2013
(54) DEVICE FOR THE INDUCTION HEATING OF A WATER HEATER AND WATER HEATER PROVIDED WITH SUCH A DEVICE
- (73) Winslim
(72) GASPARD, Jean-Yves
(74) ir. A.R. Aalbers
(31) 1257790
(32) 13.08.2012
(33) France
(47) 02.01.2019
- (51) F25B 1/10
F25B 5/02
F25B 9/00
- (11) EP2496894
(21) EP09755868.8
(22) 06.11.2009
(54) REFRIGERATING SYSTEM AND METHOD OF OPERATING A REFRIGERATING SYSTEM
- (73) Carrier Corporation
(72) LEWEKE, Peter
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 02.01.2019
- (51) F25B 1/10
F25B 5/02
F25B 47/02
F25B 9/00
- (11) EP2496893
(21) EP09752337.7
(22) 06.11.2009
(54) REFRIGERATING CIRCUIT AND METHOD FOR SELECTIVELY DEFROSTING COLD CONSUMER UNITS OF A REFRIGERATING CIRCUIT
- (73) Carrier Corporation
(72) LEWEKE, Peter
- BZDEGA, Frank
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 02.01.2019
- (51) F25B 47/00
- (11) EP1438539
(21) EP02789301.5
(22) 28.10.2002
(54) METHODS OF FREEZEOUT PREVENTION FOR VERY LOW TEMPERATURE MIXED REFRIGERANT SYSTEMS
- (73) Brooks Automation, Inc.
(72) FLYNN, Kevin, c/o IGC-Polycold Systems, Inc.
Boiarski Mikhail, c/o IGC-Polycold Systems, Inc.
PODTCHERNIAEV, Oleg, c/o IGC-Polycold Systems, Inc
(74) dr. W.A.H.M. Van Borm
(31) 335460 P
(32) 26.10.2001
(33) United States of America
(47) 06.03.2019
- (51) F25D 11/00
A01F 25/00
A23B 7/04
A23B 7/148
F25D 23/00
F25D 17/06
- (11) EP3054244
(21) EP14851211.4
(22) 03.10.2014
(54) REFRIGERATION UNIT FOR CONTAINER
- (73) Daikin Industries, Ltd.
(72) TANAKA, Naohiro
OZATO, Atsushi
IKEMIYA, Makoto
UKON, Tetsuya
(74) ir. W.J.J.M. Kempes
(31) 2013208520
(32) 03.10.2013
(33) Japan
(47) 30.01.2019
- (51) F25D 19/00
- (11) EP2593735
(21) EP11738939.5
(22) 12.07.2011
(54) COOLING APPARATUS
- (73) Wild, Johannes
(72) Wild, Johannes
(74) ir. J.M.G. Dohmen c.s.
(31) 11772010
(32) 12.07.2010
(33) Austria
(47) 26.12.2018
- (51) F25D 23/02
F25D 23/08
- (11) EP2730868
(21) EP13191907.8
(22) 07.11.2013
(54) Refrigerator and method of fabricating inner door thereof
- (73) Samsung Electronics Co., Ltd
(72) Kim, Byoung Mok
Seo, Yong Man
Song, Young Jae
Lee, Jae Hyun

(74) ir. M.F.J.M. Ketelaars c.s.	Rathbone, Thomas, Dr.	GARCIA-GAMON ANTON, Fernando
(31) 20120126892	Lautenschlager, Tobias	MARTINEZ JIMENEZ, José María
(32) 09.11.2012	(74) ir. W.J.J.M. Kempes	GARCIA GAMON, Fernando
(33) Korea (Republic)	(31) 102009053107	GARCIA GAMON, Manuel
(47) 02.01.2019	09015028	(31) 201430711 P
(51) F25J 1/00	(32) 13.11.2009	(32) 15.05.2014
F25J 1/02	04.12.2009	(33) Spain
(11) EP3246644	(33) Germany	(47) 26.12.2018
(21) EP17172043.6	European Patent Office (EPO)	(51) G01B 5/30
(22) 19.05.2017	(47) 02.01.2019	(11) EP2705330
(54) LIQUEFACTION METHOD AND SYSTEM	(51) F25J 3/06	(21) EP12724658.5
(73) AIR PRODUCTS AND CHEMICALS, INC.	F25J 3/02	(22) 20.04.2012
(72) BROSTOW, Adam Adrian	C01B 3/50	(54) PASSIVE, REVERSIBLE DEFORMATION SENSOR
CHEN, Fei	C01B 3/56	(73) Etat français représenté par le Délégué Général pour l'Armement
ROBERTS, Mark Julian	(11) EP2873939	Silmach
OTT, Christopher Michael	(21) EP13306581.3	(72) LOUVIGNÉ, Pierre-François
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 19.11.2013	MINOTTI, Patrice
(31) 201615160209	(54) Process and apparatus for the production of CO and CO2	VESCOVO, Paul
(32) 20.05.2016	(73) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	WALTER, Vincent
(33) United States of America	(72) Hernandez, Antoine	(74) ir. G.J.M. Verhees
(47) 23.01.2019	Terrien, Paul	(31) 1101274
(51) F25J 3/02	(74) ir. M.F.J.M. Ketelaars c.s.	(32) 22.04.2011
F25J 1/00	(47) 27.02.2019	(33) France
F25J 1/02	(51) F41H 5/04	(47) 02.01.2019
(11) EP2944902	(11) EP3193132	(51) G01B 9/02
(21) EP15165004.1	(21) EP17159238.9	(11) EP2587212
(22) 24.04.2015	(22) 26.04.2007	(21) EP12188526.3
(54) INTEGRATED NITROGEN REMOVAL IN THE PRODUCTION OF LIQUEFIED NATURAL GAS USING REFRIGERATED HEAT PUMP	(54) MULTILAYERED MATERIAL SHEET AND PROCESS FOR ITS PREPARATION	(22) 15.10.2012
(73) AIR PRODUCTS AND CHEMICALS, INC.	(73) DSM IP Assets B.V.	(54) Displacement detecting devices
(72) Ott, Christopher Michael	(72) MARISSIN, Roelof	(73) DMG MORI SEIKI CO., LTD
Krishnamurthy, Gowri	SIMMELINK, Joseph Arnold Paul Maria	(72) Tamiya, Hideaki
Chen, Fei	STEEMAN, Reinard Jozef Maria	(74) ir. H.Th. van den Heuvel c.s.
Liu, Yang	CALIS, Gijsbertus Hendrikus Maria	(31) 2011234765
Roberts, Mark Julian	MENCKE, Jacobus Johannes	2011289648
(74) ir. M.F.J.M. Ketelaars c.s.	BEUGELS, Jean Hubert Marie	2012018715
(31) 201414260753	VANEK, David	(32) 26.10.2011
(32) 24.04.2014	VAN ELBURG, Johann	28.12.2011
(33) United States of America	PETERS, Alexander Volker	31.01.2012
(47) 09.01.2019	TANDERUP, Steen	(33) Japan
(51) F25J 3/04	DORSCHU, Marko	Japan
(11) EP2513580	(74) ir. W.J.J.M. Kempes	Japan
(21) EP10807759.5	(31) 06008600	(47) 13.03.2019
(22) 03.12.2010	06013452	(51) G01B 9/02
(54) PROCESS FOR THE SEPARATION OF AIR BY CRYOGENIC DISTILLATION	06026725	G01M 11/00
(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	876544 P	(11) EP2047208
(72) HA, Bao	(32) 26.04.2006	(21) EP07810547.5
BRUGEROLLE, Jean-Renaud	29.06.2006	(22) 18.07.2007
(74) ir. M.F.J.M. Ketelaars c.s.	22.12.2006	(54) HIGH RESOLUTION INTERFEROMETRIC OPTICAL FREQUENCY DOMAIN REFLECTOMETRY (OFDR) BEYOND THE LASER COHERENCE LENGTH
(31) 640167	(33) European Patent Office (EPO)	(73) Intuitive Surgical Operations, Inc.
(32) 17.12.2009	European Patent Office (EPO)	(72) FROGGATT, Mark
(33) United States of America	European Patent Office (EPO)	SEELEY, Ryan, J.
(47) 27.02.2019	United States of America	GIFFORD, Dawn, K.
(51) F25J 3/04	(47) 02.01.2019	(74) ir. C.G.C. Veldman-Dijkers
C01B 23/00	(51) F42B 4/20	(31) 833267 P
(11) EP2322888	F41A 23/54	(32) 26.07.2006
(21) EP10014301.5	(11) EP3144626	(33) United States of America
(22) 04.11.2010	(21) EP15792825.0	(47) 20.02.2019
(54) Method and device for generating a helium-neon concentrate from air	(22) 14.05.2015	(51) G01B 21/04
(73) Linde AG	(54) PYROTECHNIC CARRIER STRUCTURE	(11) EP2980526
(72) Eichelmann, Robert	(73) Garcia Gamon, Fernando	(21) EP14179139.2
	Garcia Gamon, Manuel	(22) 30.07.2014
	(72) GARCIA-GAMON VALERO, Antonio	(54) Coordinate measuring device and method
	Manuel	

(73) Leica Geosystems AG	(54) GENERATING ALTERNATIVE ROUTES	(32) 19.12.2008
(72) Böckem, Burkhard	(73) TomTom Navigation B.V.	(33) Germany
Moser, Daniel	(72) KÖNIG, Felix Godafoss	(47) 30.01.2019
Fuchs, Simon	(74) J.M.H. Duyver lic.	(51) G01F 1/66
(74) ir. C.M. Jansen c.s.	(31) 201211614	F17D 5/06
(47) 16.01.2019	(32) 29.06.2012	G01M 3/24
(51) G01C 1/04	(33) United Kingdom	(11) EP2929300
G01C 15/00	(47) 06.03.2019	(21) EP13860742.9
(11) EP2756261	(51) G01D 5/245	(22) 04.12.2013
(21) EP12762257.9	(11) EP2798311	(54) FLUID FLOW DETECTION AND
(22) 14.09.2012	(21) EP12862049.9	ANALYSIS DEVICE AND SYSTEM
(54) MEASURING DEVICE AND METHOD	(22) 30.04.2012	(73) Horne, Stephen J.
FOR FILTERED PRESENTATION OF	(54) HIGH RESOLUTION ABSOLUTE	MacDonald, Robert L.
OBJECT INFORMATION	ENCODER	(72) Horne, Stephen J.
(73) Leica Geosystems AG	(73) Servosense (SMC) Ltd.	MacDonald, Robert L.
(72) LIENHART, Werner	(72) VILLARET, Yves	(74) ir. C.G.C. Veldman-Dijkers
(74) ir. C.M. Jansen c.s.	(74) ir. W.J.J.M. Kempes	(31) 201261733207 P
(31) 11181396	(31) 201161580668 P	(32) 04.12.2012
(32) 15.09.2011	(32) 28.12.2011	(33) United States of America
(33) European Patent Office (EPO)	(33) United States of America	(47) 20.02.2019
(47) 16.01.2019	(47) 02.01.2019	(51) G01F 15/00
(51) G01C 15/00	(51) G01F 1/58	B67D 7/00
(11) EP2781880	(11) EP2734818	G01F 15/08
(21) EP13160069.4	(21) EP12726095.8	(11) EP2325615
(22) 19.03.2013	(22) 05.06.2012	(21) EP10014529.1
(54) Construction laser system with at least	(54) ELECTROMAGNETIC FLOWMETER	(22) 11.11.2010
partially automatic recalibration functionality	(73) Endress+Hauser Flowtec AG	(54) Device for determining the volume of
for a beam leveling function	(72) VOIGT, Frank	carbonated drink dispensed from a supply
(73) Leica Geosystems AG	BÄHR, Günther	tank
(72) Fessler, Thilo	UERLINGS, Diego	(73) ARBAprocessing GmbH
Stöckel, Bernd	WOHLGEMUTH, Werner	(72) Düning, Lothar
Ammer, Thomas	(74) ir. W.J.J.M. Kempes	Leichsenring, Detlef
(74) ir. C.M. Jansen c.s.	(31) 102011079351	Barlian, Reinhold
(47) 16.01.2019	(32) 18.07.2011	(74) ir. J.M.G. Dohmen c.s.
(51) G01C 15/00	(33) Germany	(47) 02.01.2019
(11) EP2825842	(47) 16.01.2019	(51) G01F 15/08
(21) EP13712732.0	(51) G01F 1/58	B67D 7/00
(22) 15.03.2013	G01F 1/60	(11) EP2642257
(54) LASER SYSTEM	(11) EP2422167	(21) EP12008117.9
(73) Leica Geosystems AG	(21) EP10716312.3	(22) 11.11.2010
(72) DUMOULIN, Charles, Leopold, Elisabeth	(22) 08.04.2010	(54) Device and method for determining a volume
KEHL, Anton	(54) METHOD FOR THE OPERATION OF	on the return of a carbonated beverage from a
(74) ir. C.M. Jansen c.s.	A MAGNETIC-INDUCTIVE FLOW	return tank into a delivery tank
(31) 12159665	MEASUREMENT DEVICE	(73) ARBAprocessing GmbH
(32) 15.03.2012	(73) Endress+Hauser Flowtec AG	(72) Düning, Lothar
(33) European Patent Office (EPO)	(72) DRAHM, Wolfgang	Leichsenring, Detlef
(47) 20.02.2019	SCHMALZRIED, Frank	Barlian, Reinhold
(51) G01C 15/00	HEIDENBLUT, Stefan	(74) ir. J.M.G. Dohmen c.s.
F16C 19/16	(74) ir. W.J.J.M. Kempes	(47) 02.01.2019
G01S 17/66	(31) 102009002539	(51) G01G 11/04
G01S 7/481	(32) 21.04.2009	A21C 5/00
F16C 19/54	(33) Germany	(11) EP2846140
(11) EP3086088	(47) 16.01.2019	(21) EP13183249.5
(21) EP15164598.3	(51) G01F 1/58	(22) 05.09.2013
(22) 22.04.2015	G01F 1/66	(54) Device for weighing dough and method for
(54) SCANNING MEASURING DEVICE WITH	(11) EP2359100	operating such device
THERMALLY NEUTRAL AXIS	(21) EP09799310.9	(73) Radie B.V.
(73) Leica Geosystems AG	(22) 11.12.2009	(72) Van Blokland, Johannes Josephus Antonius
(72) Bereuter, Klaus	(54) FLOW METER AND METHOD FOR	(74) ir. H.Th. van den Heuvel c.s.
Plangger, Karl Helmut	PRODUCING A MEASUREMENT PIPE	(47) 27.02.2019
(74) ir. C.M. Jansen c.s.	OF A FLOW METER	(51) G01H 1/00
(47) 09.01.2019	(73) Endress+Hauser Flowtec AG	G01M 13/04
(51) G01C 21/34	(72) VOIGT, Frank	(11) EP2373961
G08G 1/0968	WOHLGEMUTH, Werner	(21) EP09835354.3
(11) EP2867617	SULZER, Thomas	(22) 22.12.2009
(21) EP13732200.4	STÜNZI, Alexander	
(22) 28.06.2013	(74) ir. W.J.J.M. Kempes	
	(31) 102008054961	

- (54) APPARATUS FOR ANALYSING THE CONDITION OF A MACHINE HAVING A ROTATING PART
(72) HEDIN, Lars-Olov Elis
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 0850180
0950310
175511 P
(32) 22.12.2008
05.05.2009
05.05.2009
(33) Sweden
Sweden
United States of America
(47) 30.01.2019
(51) G01K 7/42
G05B 13/04
G05B 17/02
G06F 17/50
(11) EP3137865
(21) EP15724383.3
(22) 28.04.2015
(54) SYSTEM AND METHOD FOR MONITORING A STATE OF A FLUID IN AN INDOOR SPACE AS WELL AS A CLIMATE CONTROL SYSTEM
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) BOOIJ, Paul Sebastian
FRANSMAN, Jeroen Edwin
SIJS, Joris
(74) ir. C.M. Jansen c.s.
(31) 14166215
(32) 28.04.2014
(33) European Patent Office (EPO)
(47) 02.01.2019
(51) G01K 13/00
G01W 1/17
G01K 7/42
(11) EP3213044
(21) EP15819902.6
(22) 28.10.2015
(54) AN OPERATIVE TEMPERATURE MEASURING DEVICE
(73) Evren, Fatih
Kilkis, Birol
(72) Evren, Fatih
Kilkis, Birol
(74) J.M.H. Duyver lic.
(31) 201412778
(32) 31.10.2014
(33) Turkey
(47) 02.01.2019
(51) G01L 1/24
G01L 1/26
G01B 1/00
G01B 11/16
G02B 6/02
(11) EP2422174
(21) EP10739838.0
(22) 22.04.2010
(54) OPTICAL STRAIN MEASURING DEVICES
(73) Hottinger Baldwin Messtechnik GmbH
(72) KREUZER, Manfred
HAASE, Karl-Heinz
KIPP, Tobias
MAUL, Jochen
RUPPIN, Hagen
SCHULZ, Rudolf
GÜNTHER, Bernd
(74) ir. C.M. Jansen c.s.
(31) 102009018300
(32) 22.04.2009
(33) Germany
(47) 02.01.2019
(51) G01L 5/00
G01L 25/00
G09B 19/24
G01L 5/24
(11) EP3147080
(21) EP15796589.8
(22) 16.04.2015
(54) FLANGE-FASTENING SKILL DETERMINATION DEVICE AND FLANGE-FASTENING SKILL DETERMINATION PROGRAM
(73) Daicel Corporation
(72) FUTAI, Masanori
(74) ir. C.M. Jansen c.s.
(31) 2014104474
(32) 20.05.2014
(33) Japan
(47) 26.12.2018
(51) G01M 3/04
(11) EP1846743
(21) EP05815248.9
(22) 29.11.2005
(54) SYSTEM FOR DETECTING THE DEFECTS OF A WALL COATING, AND PROCEDURE FOR MANUFACTURING SUCH A SYSTEM
(73) Varga, László
(72) VARGA, László
KALAFSZKY, László
TÓTH, Imre
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 0402459
(32) 30.11.2004
(33) Hungary
(47) 26.12.2018
(51) G01M 3/16
E04D 7/00
E04D 13/00
E04D 5/00
(11) EP3052916
(21) EP15734432.6
(22) 29.06.2015
(54) SYSTEM FOR MONITORING INTEGRITY OF A WATERPROOFING SYSTEM OR MEMBRANE
(73) Sensor Spol. S.r.o
Sensor (UK) Ltd.
(72) NOSKO, Vladimír
(74) ir. W.J.J.M. Kempes
(31) 201411696
(32) 01.07.2014
(33) United Kingdom
(47) 16.01.2019
(51) G01M 11/00
H04B 10/071
H04Q 11/00
H04B 10/272
(11) EP2828634
(21) EP12871612.3
(22) 20.03.2012
(54) A SYSTEM, A WAVELENGTH ISOLATOR AND METHODS THEREIN FOR SUPERVISION OF A PASSIVE OPTICAL NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) VILELA DE FARIA, Giancarlo
PENELLO TEMPORAO, Guilherme
VON DER WEID, Jean Pierre
(74) ir. J.M.G. Dohmen c.s.
(47) 06.03.2019
(51) G01M 15/10
G01N 1/22
(11) EP2500707
(21) EP12158621.8
(22) 08.03.2012
(54) Measuring device for waste gas measurement
(73) AVL DiTest GmbH
(72) Bergmann, Alexander
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1502011 U
(32) 15.03.2011
(33) Austria
(47) 02.01.2019
(51) G01N 1/08
A01K 11/00
(11) EP3004833
(21) EP14808057.5
(22) 05.06.2014
(54) IMPROVEMENTS IN AND RELATING TO TISSUE SAMPLING
(73) Snpshot Trustee Limited
(72) BLADEN, Roy Victor
GARDNER, Michael Stuart
(74) ir. J.M.G. Dohmen c.s.
(31) 61154713
61680713
(32) 05.06.2013
18.10.2013
(33) New Zealand
New Zealand
(47) 09.01.2019
(51) G01N 1/22
G01N 1/40
G01N 1/02
(11) EP2593767
(21) EP11779329.9
(22) 17.06.2011
(54) METHOD AND DEVICE FOR DETECTING EXPLOSIVE-SUBSTANCE PARTICLES IN A GAS FLOW
(73) Spherea GmbH
(72) BEER, Sebastian
ZIEMANN, Thomas
FRIEDBERGER, Alois
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102010027074
(32) 13.07.2010
(33) Germany
(47) 02.01.2019
(51) G01N 15/06
B01D 39/12
B01D 39/16
G06K 9/00
(11) EP2344860
(21) EP08874964.3
(22) 07.10.2008

- (54) METHOD FOR AUTOMATICALLY ANALYZING MICRO ORGANISMS IN A SAMPLE
(73) Biotrack Holding B.V.
(72) JANSEN, Gijsbert, Johan
(74) ir. P.J. Hylarides c.s.
(47) 13.03.2019
-
- (51) G01N 15/06
G01N 15/04
G06F 17/18
G01N 21/53
C02F 1/52
A47L 15/42
G01N 21/51
C02F 1/24
C02F 1/56
C02F 1/66
(11) EP2920572
(21) EP13854848.2
(22) 13.11.2013
- (54) DETERMINING LIQUID PHASE TURBIDITY OF MULTIPHASE WASTEWATER
(73) Solenis Technologies Cayman, L.P.
(72) GOLDBLATT, Mikel, E.
(74) J.M.H. Duyver lic.
(31) 201261726637 P
201314075613
(32) 15.11.2012
08.11.2013
(33) United States of America
United States of America
(47) 09.01.2019
-
- (51) G01N 21/21
G01J 4/00
G01B 11/06
G01N 21/956
(11) EP2707696
(21) EP12786720.8
(22) 09.04.2012
- (54) RECONFIGURABLE SPECTROSCOPIC ELLIPSOMETER
(73) Kla-Tencor Corporation
(72) KRISHNAN, Shankar
WANG, Haiming
(74) ir. W.J.J.M. Kempes
(31) 201113106940
(32) 13.05.2011
(33) United States of America
(47) 06.03.2019
-
- (51) G01N 27/02
B01F 11/02
G01N 33/49
(11) EP3173776
(21) EP15196214.9
(22) 25.11.2015
- (54) SYSTEM AND METHOD FOR MIXING AND TESTING A LIQUID
(73) C A Casyso GmbH
(72) MADER, Daniel
(74) mr. ir. J. van Breda c.s.
(47) 16.01.2019
-
- (51) G01N 27/327
C12Q 1/00
(11) EP3220137
(21) EP16160136.4
(22) 14.03.2016
- (54) METHOD FOR DETECTING AN INTERFERENT CONTRIBUTION IN A BIOSENSOR
(73) F.Hoffmann-La Roche AG
(72) Ringemann, Christian
Wieder, Herbert
(74) ir. C.M. Jansen c.s.
(47) 23.01.2019
-
- (51) G01N 27/404
G01N 33/00
(11) EP3134724
(21) EP15719817.7
(22) 22.04.2015
- (54) ELECTROCHEMICAL CELL
(73) FireAngel Safety Technology Limited
(72) ZANON, Mario
ROBINS, Ian
(74) ir. C.M. Jansen c.s.
(31) 201407058
(32) 22.04.2014
(33) United Kingdom
(47) 26.12.2018
-
- (51) G01N 27/447
G01N 27/453
(11) EP2923198
(21) EP13812220.5
(22) 15.11.2013
- (54) GEL ELECTROPHORESIS DEVICE FOR LOADING LARGE SAMPLE VOLUMES
(73) Nanjingjinsirui Science&Technology
Biology Corporation
(72) WANG, Zhuying
QIAN, Hong
LIAO, Yuanming
BAI, Tao
(74) ir. C.M. Jansen c.s.
(31) 201213682125
(32) 20.11.2012
(33) United States of America
(47) 09.01.2019
-
- (51) G01N 27/82
G01N 33/38
G01N 33/44
(11) EP3215840
(21) EP15816355.0
(22) 03.11.2015
- (54) METHOD FOR EVALUATING THE DISTRIBUTION, DENSITY AND ORIENTATION OF FERROMAGNETIC, ELECTRICALLY CONDUCTIVE FIBRES IN A COMPOSITE MATERIAL
(73) Vysoké Učení Technické V Brne
(72) FIALA, Pavel
FRIEDL, Martin
HOBST, Leonard
KOMÁRKOVÁ, Tereza
(31) 20140742
(32) 03.11.2014
(33) Czech Republic
(47) 02.01.2019
-
- (51) G01N 29/04
G01M 5/00
G01H 13/00
(11) EP2732259
(21) EP12747884.0
(22) 11.07.2012
- (54) METHOD FOR DETERMINING THE STABILITY OF A MAST THAT HAS BEEN PROPERLY INSTALLED AT AN INSTALLATION SITE
(73) Meyer, Axel
Spaltmann, Horst
(72) SPALTMANN, Horst
HORTMANN, Michael
(74) ir. H.J.G. Lips c.s.
(31) 102011107564
(32) 11.07.2011
(33) Germany
(47) 02.01.2019
-
- (51) G01N 30/20
B01D 15/14
G01N 30/88
(11) EP3252463
(21) EP17172861.1
(22) 24.05.2017
- (54) BRANCHING OFF FLUIDIC SAMPLE WITH LOW INFLUENCE ON SOURCE FLOW PATH
(73) Agilent Technologies, Inc. (A Delaware Corporation)
(72) ORTMANN, Thomas
THIELSCH, Daniel
(74) ir. C.M. Jansen c.s.
(31) 102016109914
(32) 30.05.2016
(33) Germany
(47) 20.02.2019
-
- (51) G01N 33/48
G01N 33/50
C12Q 1/56
(11) EP2946206
(21) EP14740167.3
(22) 17.01.2014
- (54) EVALUATION, ASSAYS AND TREATMENT OF PKAL-MEDIATED DISORDERS
(73) Dyax Corp.
(72) JOSEPH, Kusumam
KAPLAN, Allen, P.
(74) ir. W.J.J.M. Kempes
(31) 201361754600 P
(32) 20.01.2013
(33) United States of America
(47) 09.01.2019
-
- (51) G01N 33/50
(11) EP2972322
(21) EP14708865.2
(22) 07.03.2014
- (54) MOLECULAR TARGETS AND COMPOUNDS, AND METHODS TO IDENTIFY THE SAME, USEFUL IN THE TREATMENT OF FIBROTIC DISEASES
(73) Galapagos NV
(72) JANSSEN, Richard Antonius Jozef
LEKKERKERKER, Annemarie Nicolette
VAN ES, Thomas
STALLEN, Johannes Melchior Petrus
(74) J.M.H. Duyver lic.
(31) 201361781220 P
(32) 14.03.2013
(33) United States of America
(47) 06.03.2019
-
- (51) G01N 33/543
G01N 33/68
(11) EP2443459
(21) EP10790305.6

(22) 18.06.2010	(54) PREPARATION OF FETAL NUCLEATED	A61J 3/00
(54) COMPOUND ARRAYS FOR SAMPLE	RED BLOOD CELLS (NRBCS) FOR	(11) EP3258411
PROFILING	DIAGNOSTIC TESTING	(21) EP16771785.9
(73) The Arizona Board of Regents, A Body	(73) KellBenx Inc.	(22) 30.03.2016
Corporate Of the State of Arizona acting for	(72) BENNANI, Hassan	(54) CONTAINER MANAGEMENT
and on behalf Of Arizona State University	KELLNER, Leonard H.	APPARATUS AND WIRELESS TAG
(72) JOHNSTON, Stephen Albert	(74) mr.ir. F.N. Ferro	(73) PHC Holdings Corporation
STAFFORD, Philip	(31) 201461993659 P	(72) WATANABE, Katsuya
(74) dr. A. Krebs	(32) 15.05.2014	IMANAKA, Ryoichi
(31) 218890 P	(33) United States of America	(74) ir. J.C. Volmer c.s.
249147 P	(47) 02.01.2019	(31) 2015068363
(32) 19.06.2009	(51) G01N 33/82	2015161322
06.10.2009	(11) EP2553467	(32) 30.03.2015
(33) United States of America	(21) EP11714128.3	18.08.2015
United States of America	(22) 01.04.2011	(33) Japan
(47) 26.12.2018	(54) IMMUNOASSAY FOR FREE VITAMIN D	Japan
(51) G01N 33/569	(73) Future Diagnostics B.V.	(47) 13.03.2019
(11) EP3128325	(72) MARTENS, Michaël Franciscus Wilhelmus	(51) G01N 35/08
(21) EP15186743.9	Cornelis	G01N 33/48
(22) 24.09.2015	PARSONS, George Henry	(11) EP2861996
(54) METHOD FOR DETERMINING A	ROSMALLEN, Franciscus Maria Anna	(21) EP14779852.4
CONCENTRATION OF EPITHELIAL	SWINKELS, Leon Maria Jacobus Wilhelmus	(22) 11.03.2014
CELLS IN A BLOOD SAMPLE OR	(74) ir. C.M. Jansen c.s.	(54) SAMPLE ANALYSIS CARTRIDGE
ASPIRATE SAMPLE	(31) 10159035	(73) Cue Health Inc.
(73) Pachmann, Ulrich	(32) 01.04.2010	(72) KHATTAK, Ayub
Pachmann, Katharina	(33) European Patent Office (EPO)	SEVER, Clinton
(72) Pachmann, Ulrich	(47) 09.01.2019	(74) J.M.H. Duyver lic.
Pachmann, Katharina	(51) G01N 33/84	(31) 201361776254 P
(74) ir. M.F.J.M. Ketelaars c.s.	A61B 8/12	(32) 11.03.2013
(31) 15180229	(11) EP3124977	(33) United States of America
15184733	(21) EP15770240.8	(47) 06.03.2019
(32) 07.08.2015	(22) 27.03.2015	(51) G01P 3/38
10.09.2015	(54) DATA ACQUISITION METHOD FOR	G06T 7/20
(33) European Patent Office (EPO)	DETERMINING LIKELIHOOD THAT	G06T 7/246
European Patent Office (EPO)	OVARIAN ENDOMETRIOTIC CYST	(11) EP3296749
(47) 02.01.2019	IS CANCEROUS, AND DIAGNOSTIC	(21) EP17153641.0
(51) G01N 33/569	DEVICE FOR SAME	(22) 27.01.2017
G01N 33/544	(73) CELLSPECT CO., LTD.	(54) MOTION ENCODER
G01N 33/531	(72) KOBAYASHI Hiroshi	(73) Sick IVP AB
C07K 16/14	YOSHIMOTO Chiharu	(72) ÅSTRÖM, Anders
(11) EP3124973	TAKAHAMA Junko	FORCHHEIMER, Robert
(21) EP14887513.1	IWABUCHI Takuya	JOHANNESSON, Mattias
(22) 27.08.2014	(74) J.M.H. Duyver lic.	(74) J.M.H. Duyver lic.
(54) AFLATOXIN NANOBODY	(31) 2014070166	(47) 23.01.2019
IMMUNOABSORBENT AND	(32) 28.03.2014	(51) G01P 21/00
IMMUNOAFFINITY COLUMN AND	(33) Japan	A61F 2/30
PREPARATION METHOD AND USE	(47) 09.01.2019	A61F 2/34
THEREOF	(51) G01N 33/92	A61F 2/46
(73) Oilcrops Research Institute of Chinese	(11) EP2875361	G01C 21/16
Academy of Agriculture Sciences	(21) EP13741705.1	A61F 2/36
(72) LI, Peiwu	(22) 19.07.2013	A61B 34/10
ZHANG, Qi	(54) GIANT LIPOSOME ARRAY FOR HIGH-	A61B 34/20
WANG, Yanru	THROUGHPUT LIPID-INTERACTION	(11) EP3080619
ZHANG, Zhaowei	SCREENING	(21) EP14869434.2
DING, Xiaoxia	(73) European Molecular Biology Laboratory	(22) 09.12.2014
(74) ir. M.F.J.M. Ketelaars c.s.	(EMBL)	(54) BONE RECONSTRUCTION AND
(31) 201410121834	(72) GAVIN, Anne-Claude	ORTHOPEDIC IMPLANTS
(32) 28.03.2014	ELLENBERG, Jan	(73) Mahfouz, Mohamed R.
(33) China	SALIBA, Antoine-Emmanuel	(72) Mahfouz, Mohamed R.
(47) 02.01.2019	VONKOVA, Ivana	(74) J.M.H. Duyver lic.
(51) G01N 33/68	(74) dr. A. Krebs	(31) 201361913608 P
C12N 5/00	(31) 201212896	201461951221 P
C12Q 1/68	(32) 20.07.2012	201461977984 P
C12N 5/078	(33) United Kingdom	201462022899 P
G01N 33/80	(47) 26.12.2018	(32) 09.12.2013
(11) EP3143410	(51) G01N 35/00	11.03.2014
(21) EP15727124.8	G06K 7/10	10.04.2014
(22) 12.05.2015	G06K 19/07	10.07.2014

(33) United States of America United States of America United States of America United States of America	(73) Microsoft Technology Licensing, LLC (72) HALL, Michael GUDAITIS, Algird (74) J.M.H. Duyver lic. (31) 201514609475	(74) ir. C.M. Jansen c.s. (31) 201113153026 2012108492 (32) 03.06.2011 10.05.2012
(47) 13.02.2019	(32) 30.01.2015 (33) United States of America (47) 06.03.2019	(33) United States of America Japan (47) 27.02.2019
(51) G01R 33/56 A61B 6/00 G06F 19/00 A61B 8/08 A61B 8/00 G01R 33/563	(51) G01S 17/42 G01S 17/89 G01C 15/00	(51) G01V 3/26 G01V 3/10 G01V 3/18
(11) EP2613167 (21) EP12161833.4 (22) 28.03.2012	(11) EP2786174 (21) EP12791788.8 (22) 29.11.2012	(11) EP2710411 (21) EP12722264.4 (22) 15.05.2012
(54) Diagnostic imaging apparatus and method of operating the same	(54) METHOD FOR OPERATING A LASER SCANNER	(54) APPARATUS AND METHOD FOR MULTI-COMPONENT WELLBORE ELECTRIC FIELD MEASUREMENTS USING CAPACITIVE SENSORS
(73) Samsung Medison Co., Ltd. (72) Choi, Sung-jin Kim, Jong- Sik Lee, Yoon-chang	(73) Hexagon Technology Center GmbH (72) STUTZ, Reto AEBISCHER, Beat ROHNER, Marcel BEDNAREK, Ingo	(73) Saudi Arabian Oil Company (72) COLOMBO, Daniele KEHO, Timothy JERVIS, Michael, Anthony BOULDIN, Brett, W.
(74) mr. ir. J. van Breda c.s. (31) 20120001148 (32) 04.01.2012 (33) Korea (Republic) (47) 16.01.2019	(74) ir. C.M. Jansen c.s. (31) 11191195 (32) 29.11.2011 (33) European Patent Office (EPO) (47) 02.01.2019	(74) ir. C.M. Jansen c.s. (31) 201113109733 (32) 17.05.2011 (33) United States of America (47) 02.01.2019
(51) G01S 3/808 G01S 11/14	(51) G01S 19/27	(51) G01V 3/30 E21B 47/04 E21B 7/04
(11) EP3265839 (21) EP16715232.1 (22) 09.02.2016	(11) EP2878973 (21) EP14191319.4 (22) 22.12.2009	(11) EP2744979 (21) EP11870884.1 (22) 18.08.2011
(54) METHOD FOR CALCULATING A CONFIDENCE ECHO SIGNAL THAT IS EXEMPT FROM MULTIPATH PROPAGATION EFFECTS AND FOR DETERMINING A DISTANCE AND/OR A DIRECTION TO AN ECHO SOURCE AND DEVICE AND VEHICLE	(54) Positioning satellites (73) Nokia Technologies Oy (72) Lobo, Natividade (74) ir. W.J.J.M. Kempes (47) 30.01.2019	(54) IMPROVED CASING DETECTION METHODS (73) Halliburton Energy Services, Inc. (72) BITTAR, Michael, S. WU, Hsu-hsiang (74) mr.ir. F.N. Ferro (47) 20.02.2019
(73) ATLAS ELEKTRONIK GmbH (72) NIKOLOVSKA, Aneta (74) ir. C.M. Jansen c.s. (31) 102015103315 (32) 06.03.2015 (33) Germany (47) 23.01.2019	(51) G01S 19/49 B60R 1/00 G01S 19/52 G07C 5/00 G01P 3/36 G01P 3/38 G01P 7/00 G06K 9/00 G06T 7/20 G07C 5/08	(51) G01V 11/00 (11) EP3229045 (21) EP17168089.5 (22) 27.03.2012
(51) G01S 5/02 (11) EP3028059 (21) EP14732233.3 (22) 25.06.2014	(11) EP2986999 (21) EP14718571.4 (22) 16.04.2014	(54) APPARATUS AND SYSTEM FOR PASSIVE ELECTROSEISMIC SURVEYING (73) ES Xplore, LLC (72) Thompson, Arthur Devineni, Naga P. Rahman, Mohammad Katz, Alan England, Robert (74) J.M.H. Duyver lic. (31) 201161469498 P 201161528421 P (32) 30.03.2011 29.08.2011
(54) METHOD AND APPARATUS FOR DETERMINING QUALITY OF RADIO MAPS	(54) METHOD FOR THE COMBINED DETERMINATION OF A SPEED AND AN IMAGE TAKEN FROM A VEHICLE, AND APPARATUS SUITABLE THEREFOR	(33) United States of America United States of America (47) 27.02.2019
(73) HERE Global B.V. (72) WIROLA, Lauri WIROLA, Laura SYRJÄRINNE, Jari BLOMQVIST, Mikko (74) ir. J.M.G. Dohmen c.s. (31) 201313659 (32) 31.07.2013 (33) United Kingdom (47) 06.03.2019	(73) Trajet GmbH (72) HELCK, Christian (74) ir. C.M. Jansen c.s. (31) 102013006519 (32) 16.04.2013 (33) Germany (47) 13.03.2019	(33) United States of America United States of America (47) 27.02.2019
(51) G01S 17/10 G01S 17/89 G01S 7/486	(51) G01T 1/17 (11) EP2530490 (21) EP12170342.5 (22) 31.05.2012	(51) G01V 99/00 (11) EP3224656 (21) EP14825398.2 (22) 28.11.2014
(11) EP3250944 (21) EP16704505.3 (22) 15.01.2016	(54) DEVICE FOR RADIATION DETECTION, RADIATION DETECTION SYSTEM AND RADIATION DETECTION METHOD (73) Toshiba Medical Systems Corporation (72) WANG, Gin-Chung	(54) METHOD FOR DETERMINING A PROPORTION CUBE
(54) GATED TIME OF FLIGHT CAMERA		

(73) Total SA	01.10.2009	STEEDLY, Drew
(72) MASSONNAT, Gérard	(33) United Kingdom	ACKERMAN, Nathan
(74) J.M.H. Duyver lic.	United Kingdom	MILLER, Quentin Simon Charles
(47) 09.01.2019	United Kingdom	GORIS, Andrew C.
(51) G02B 1/113	(47) 13.02.2019	(74) J.M.H. Duyver lic.
G02B 1/115	(51) G02B 6/42	(31) 201313925624
G02B 1/14	F21V 19/04	(32) 24.06.2013
C04B 35/58	H01L 33/60	(33) United States of America
C04B 35/597	G02F 1/1335	(47) 06.03.2019
C03C 17/34	F21V 8/00	(51) G02F 1/13
G02B 1/10	H01L 25/16	G02F 1/13357
G02B 1/11	H05K 5/00	F21V 8/00
(11) EP2994784	H05K 5/06	(11) EP3347764
(21) EP14729792.3	H05K 7/10	(21) EP16809380.5
(22) 06.05.2014	(11) EP2680053	(22) 09.12.2016
(54) LOW-COLOR SCRATCH-RESISTANT ARTICLES WITH A MULTILAYER OPTICAL FILM	(21) EP13174026.8	(54) SCREEN FOR A FREE VIEWING MODE AND A RESTRICTED VIEWING MODE
(73) Corning Incorporated	(22) 27.06.2013	(73) siOPTICA GmbH
(72) BELLMAN, Robert Alan	(54) Lighting device	(72) KLIPPSTEIN, Markus
HART, Shandon Dee	(73) LG Innotek Co., Ltd.	SCHROETER, Uwe
KOCH, Karl William III	(72) Park, Kwang Ho	SCHWARZ, Juergen
PAULSON, Charles Andrew	Park, Moo Ryong	(74) ir. J.C. Volmer c.s.
PRICE, James Joseph	Kim, Ki Beom	(31) 102015016134
(74) dr. A. Krebs	Kim, Jin Hee	102016002584
(31) 201361820407 P	Kim, Chul Hong	(32) 10.12.2015
201361877568 P	Park, Hyung Min	29.02.2016
201461954697 P	Chae, Hyun Hee	(33) Germany
(32) 07.05.2013	Hyun, Jun Chul	Germany
13.09.2013	(74) dr. A. Ellens c.s.	(47) 06.03.2019
18.03.2014	(31) 20120069273	(51) G02F 1/1333
(33) United States of America	20120069275	G02F 1/1335
United States of America	20120069276	H01L 21/84
United States of America	(32) 27.06.2012	(11) EP3255483
(47) 13.03.2019	27.06.2012	(21) EP17175364.3
(51) G02B 6/12	27.06.2012	(22) 09.06.2017
G02B 6/126	(33) Korea (Republic)	(54) DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
H04B 10/67	Korea (Republic)	(73) Samsung Display Co., Ltd.
H04B 10/61	Korea (Republic)	(72) KANG, Minsoo
H04J 14/02	(47) 02.01.2019	SEO, Gwangjae
H04J 14/06	(51) G02B 6/44	JEONG, Myeongseok
(11) EP2465218	H02G 15/013	HEO, Yongsik
(21) EP10743307.0	(11) EP2954360	MIN, Kyoungil
(22) 10.08.2010	(21) EP14704110.7	PARK, Junshik
(54) COHERENT RECEIVER HAVING AN INTERLEAVE-CHIRPED ARRAYED WAVEGUIDE GRATING	(22) 07.02.2014	SUNG, Taehyun
(73) Alcatel Lucent	(54) SEPARABLE SEALING AND RETENTION ARRANGEMENT	LEE, Hyungu
(72) DOERR, Christopher, R.	(73) CommScope Connectivity Belgium BVBA	(74) ir. C.M. Jansen c.s.
(74) ir. W.J.J.M. Kempes	(72) VANHENTENRIJK, Robert	(31) 20160072736
(31) 541548	LIEFSOENS, Ronnie Rosa Georges	(32) 10.06.2016
(32) 14.08.2009	THEYS, Steven Hugo, M.	(33) Korea (Republic)
(33) United States of America	(74) ir. J.D. de Zeeuw	(47) 30.01.2019
(47) 23.01.2019	(31) 201361762565 P	(51) G02F 1/1333
(51) G02B 6/38	201361892768 P	G02F 1/1362
(11) EP2401642	(32) 08.02.2013	(11) EP3067736
(21) EP10706319.0	18.10.2013	(21) EP16159958.4
(22) 26.02.2010	(33) United States of America	(22) 11.03.2016
(54) FIBRE OPTIC CONNECTOR ASSEMBLY AND ACCESS TOOL KIT	United States of America	(54) DISPLAY APPARATUS HAVING A REDUCED-WIDTH BEZEL AND METHOD OF MANUFACTURING THE SAME
(73) Optical Fiber Packaging Limited	(47) 09.01.2019	(73) Samsung Display Co., Ltd.
(72) ADAMS, Darren	(51) G02B 27/01	(72) SONG, A-Ram
(74) ir. H.J.G. Lips c.s.	G02B 7/12	GOH, Joon-Chul
(31) 0903326	G02B 27/64	LEE, Soo-Yeon
0915728	G01B 11/27	(74) ir. C.M. Jansen c.s.
0917235	(11) EP3014336	(31) 20150034080
(32) 26.02.2009	(21) EP14736590.2	(32) 11.03.2015
08.09.2009	(22) 19.06.2014	(33) Korea (Republic)
	(54) ACTIVE BINOCULAR ALIGNMENT FOR NEAR EYE DISPLAYS	
	(73) Microsoft Technology Licensing, LLC	
	(72) ROBBINS, Steven John	

(47) 13.02.2019	20.04.2016	(74) ir. W.J.J.M. Kempes
(51) G02F 1/1335	(33) India	(31) 102014223750
G02B 5/32	India	(32) 20.11.2014
F21V 8/00	(47) 30.01.2019	(33) Germany
B29D 11/00	(51) G03B 17/02	(47) 02.01.2019
G02B 5/00	G03B 13/36	(51) G03F 7/20
G02B 5/26	G03B 5/00	G01B 11/00
G02B 5/18	H04N 5/225	(11) EP2550504
(11) EP3023819	(11) EP3264171	(21) EP11760048.6
(21) EP15195072.2	(21) EP17184268.5	(22) 22.03.2011
(22) 18.11.2015	(22) 03.07.2013	(54) DIFFRACTION BASED OVERLAY LINEARITY TESTING
(54) ULTRATHIN LIGHT UNIT	(54) CAMERA MODULE	(73) Nanometrics Incorporated
(73) LG Display Co., Ltd.	(73) LG Innotek Co., Ltd.	(72) LI, Jie
Covestro Deutschland AG	(72) YEO, In Jae	LIU, Zhuan
(72) RYU, Seungman	(74) ir. M.F.J.M. Ketelaars c.s.	RABELLO, Silvio, J.
BANG, Hyungseok	(31) 20120074378	SMITH, Nigel, P.
(74) ir. J.C. Volmer c.s.	20120079578	(74) ir. J.M.G. Dohmen c.s.
(31) 20140161895	(32) 09.07.2012	(31) 317689 P
(32) 19.11.2014	20.07.2012	201113053584
(33) Korea (Republic)	(33) Korea (Republic)	(32) 25.03.2010
(47) 13.03.2019	(47) 06.02.2019	22.03.2011
(51) G02F 1/13357	(51) G03F 1/00	(33) United States of America
H01L 33/50	G03F 7/20	United States of America
G09G 3/34	B41M 5/40	(47) 02.01.2019
(11) EP2442180	B41M 5/52	(51) G03F 7/20
(21) EP11185509.4	B41C 1/05	G03F 1/78
(22) 17.10.2011	G03F 1/68	G03F 1/44
(54) Backlight having blue light emitting diodes	(11) EP3139210	H01J 37/317
(73) Samsung Display Co., Ltd.	(21) EP16189459.7	(11) EP3339957
(72) Brown Elliott, Candice Hellen	(22) 03.06.2008	(21) EP16002708.2
(74) ir. H.J.G. Lips c.s.	(54) MASK FILM TO FORM RELIEF IMAGES	(22) 20.12.2016
(31) 906935	(73) Eastman Kodak Company	(54) PROCESS DOSE AND PROCESS BIAS DETERMINATION FOR BEAM LITHOGRAPHY
(32) 18.10.2010	(72) ZWADLO, Gregory L.	(73) GenSys GmbH
(33) United States of America	BROWN, Davis Edgar	(72) Hofmann, Ulrich
(47) 06.03.2019	FOHRENKAMM, Elsie Anderson	Ünal, Nezih
(51) G02F 1/167	STOLT, Axel Peter	(74) J.M.H. Duyver lic.
E06B 9/24	(74) ir. G.P. den Braber	(47) 27.02.2019
(11) EP3004980	(31) 758042	(51) G03G 15/04
(21) EP14724743.1	(32) 05.06.2007	B41J 2/45
(22) 16.05.2014	(33) United States of America	G03G 15/043
(54) AN ELECTROPHORETIC SOLAR CONTROL DEVICE	(47) 09.01.2019	(11) EP3196703
(73) Vlyte Innovations Limited	(51) G03F 7/00	(21) EP16205340.9
Vlyte Limited	(11) EP2387735	(22) 20.12.2016
(72) O'KEEFFE, Donal	(21) EP10732115.0	(54) EXPOSURE UNIT, IMAGE FORMING UNIT, AND IMAGE FORMING APPARATUS
(74) ir. M.F.J.M. Ketelaars c.s.	(22) 15.01.2010	(73) Oki Data Corporation
(31) 20130182	(54) NONPOLYMERIC BINDERS FOR SEMICONDUCTOR SUBSTRATE COATINGS	(72) KANETO, Taishi
(32) 31.05.2013	(73) FujiFilm Electronic Materials USA, Inc.	(74) ir. H.Th. van den Heuvel c.s.
(33) Ireland	(72) MALIK, Sanjay	(31) 2016009216
(47) 20.02.2019	DILOCKER, Stephanie, J.	(32) 20.01.2016
(51) G03B 13/36	REINERTH, William, A.	(33) Japan
(11) EP3109695	SAKAMURI, Raj	(47) 27.02.2019
(21) EP16176245.5	(74) ir. H.J.G. Lips c.s.	(51) G03G 15/08
(22) 24.06.2016	(31) 205275 P	(11) EP2042942
(54) METHOD AND ELECTRONIC DEVICE FOR AUTOMATICALLY FOCUSING ON MOVING OBJECT	(32) 16.01.2009	(21) EP08165059.0
(73) Samsung Electronics Co., Ltd.	(33) United States of America	(22) 25.09.2008
(72) SOMANATHAN, Karthikeyan	(47) 13.03.2019	(54) Image forming apparatus
NARAYANAN, Karthik	(51) G03F 7/20	(73) Oki Data Corporation
SHAH, Tapan Harishkumar	(11) EP3221749	(72) Shimizu, Takatoku
BANDLAMUDI, Vamsee Kalyan	(21) EP15807595.2	(74) ir. H.Th. van den Heuvel c.s.
ALAPATI, Jayakrishna	(22) 13.11.2015	(31) 2007248300
KIM, Goun-young	(54) PROJECTION EXPOSURE APPARATUS WITH AT LEAST ONE MANIPULATOR	2008212657
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Carl Zeiss SMT GmbH	(32) 26.09.2007
(31) 3180CH2015	(72) BITTNER, Boris	21.08.2008
201601003180	RIST, Stefan	
(32) 24.06.2015		

- (33) Japan
Japan
(47) 02.01.2019
-
- (51) G03G 15/08
G03G 21/16
G03G 21/18
(11) EP2871531
(21) EP12880909.2
(22) 29.11.2012
(54) DEVELOPING CARTRIDGE
(73) Brother Kogyo Kabushiki Kaisha
(72) FUJII, Yasumasa
SUZUKI, Tsutomu
IGARASHI, Hiroshi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2012154135
(32) 09.07.2012
(33) Japan
(47) 06.02.2019
-
- (51) G03G 15/08
G06F 3/12
B41J 2/175
G06F 21/44
G06F 21/57
G06F 21/60
H04L 9/08
H04L 29/06
H04N 1/44
(11) EP3338143
(21) EP16797683.6
(22) 27.10.2016
(54) REPLACEABLE ITEM
AUTHENTICATION
(73) Hewlett-Packard Development Company
(72) PANSHIN, Stephen D.
WARD, Jefferson P.
NESS, Erik D.
(74) dr. W.A.H.M. Van Borm
(47) 20.02.2019
-
- (51) G04C 10/00
G04G 17/00
(11) EP3149545
(21) EP15729294.7
(22) 28.05.2015
(54) BATTERY COMPARTMENTS FOR
WEARABLE ELECTRONIC DEVICE
(73) Microsoft Technology Licensing, LLC
(72) JUSTICE, Gregory Kim
BATTEY, Robert L.
HEWKO, Adam
HOGANDER, Jonathan
SHERRETT-TEMPLE, Benjamin
WILLIAMS, Scott F.
(74) J.M.H. Duyver lic.
(31) 201414292472
(32) 30.05.2014
(33) United States of America
(47) 06.03.2019
-
- (51) G05B 19/409
G05B 19/425
B25J 9/16
B25J 13/06
(11) EP3029534
(21) EP15003042.7
(22) 23.10.2015
(54) TEACHING APPARATUS USED FOR
OPERATION OF INDUSTRIAL ROBOT
- (73) Kabushiki Kaisha Kobe Seiko Sho (Kobe
Steel, Ltd.)
(72) Fukunaga, Atsushi
Umekawa, Daisuke
Kobayashi, Kenta
Hatakeyama, Ryota
(74) ir. C.M. Jansen c.s.
(31) 2014237038
(32) 21.11.2014
(33) Japan
(47) 13.02.2019
-
- (51) G06F 1/04
G06F 1/08
G06F 1/32
(11) EP2818963
(21) EP14173679.3
(22) 24.06.2014
(54) Restricting clock signal delivery in a
processor
(73) Intel Corporation
(72) Gendler, Alexander
Rotem, Efraim
Novakovsky, Larisa
Makovsky, Lev
Sabba, Ariel
Tokman, Niv
Leifman, George
Lyakhov, Alexander
Mandelblat, Julius
(74) ir. W.J.J.M. Kempes
(31) 201313925986
(32) 25.06.2013
(33) United States of America
(47) 16.01.2019
-
- (51) G06F 1/16
(11) EP2799950
(21) EP14165713.0
(22) 24.04.2014
(54) Portable electronic device, flip-type cover of
the portable electronic device, and method for
controlling the flip-type cover
(73) Samsung Electronics Co., Ltd
(72) Kim, Yu-Su
Park, Sung-Jin
Lee, Kyu-Suk
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20130048377
20130158948
(32) 30.04.2013
19.12.2013
(33) Korea (Republic)
Korea (Republic)
(47) 02.01.2019
-
- (51) G06F 1/16
H04M 1/02
H04M 1/18
(11) EP3346356
(21) EP17191809.7
(22) 19.09.2017
(54) DISPLAY SCREEN ASSEMBLY,
ASSEMBLING METHOD THEREOF AND
ELECTRONIC DEVICE
(73) Guangdong Oppo Mobile
Telecommunications Corp., Ltd.
(72) CHENG, Jiao
(74) ir. A.R. Aalbers
(31) 201710013756
201720022967 U
- (32) 09.01.2017
09.01.2017
(33) China
China
(47) 02.01.2019
-
- (51) G06F 1/16
H04M 1/725
G06F 3/14
(11) EP2532094
(21) EP11739971.7
(22) 28.01.2011
(54) MOBILE DEVICE WITH DUAL
DISPLAY UNITS AND METHOD FOR
CONTROLLING THE DUAL DISPLAY
UNITS
(73) Samsung Electronics Co., Ltd.
(72) LEE, Jong Hoon
LEE, Myeong Lo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20100010504
(32) 04.02.2010
(33) Korea (Republic)
(47) 06.03.2019
-
- (51) G06F 1/26
G06F 1/16
H02J 7/35
H04M 1/21
(11) EP2565746
(21) EP12162679.0
(22) 30.03.2012
(54) Mobile electronic apparatus having solar cells
(73) Samsung Electronics Co., Ltd.
(72) Kim, Kun-suk
Kim, Hae-soo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20110088212
(32) 31.08.2011
(33) Korea (Republic)
(47) 06.03.2019
-
- (51) G06F 3/01
G06F 3/044
G06F 3/0354
(11) EP3230830
(21) EP15816948.2
(22) 30.11.2015
(54) INTERACTIVE STYLUS AND DISPLAY
DEVICE
(73) Microsoft Technology Licensing, LLC
(72) VARLAMOV, Denis
WESTHUES, Jonathan
(74) J.M.H. Duyver lic.
(31) 201414567856
(32) 11.12.2014
(33) United States of America
(47) 27.02.2019
-
- (51) G06F 3/023
G06F 3/0488
(11) EP2350778
(21) EP09815208.5
(22) 17.09.2009
(54) GESTURES FOR QUICK CHARACTER
INPUT
(73) Google LLC
(72) RAMAN, Tiruvilwamalai Venkatram
CHEN, Charles L.
(74) dr. A. Krebs
(31) 234222
(32) 19.09.2008

(33) United States of America (47) 13.03.2019	(33) United States of America (47) 27.02.2019	(72) PENG, Yu DONG, Tianzhe HE, Xiao ZHAO, Yongsheng WANG, Heng LIU, Yelu ZHAO, Zhiming GUO, Rui GAO, Ziguang
(51) G06F 3/044 G06F 3/041 G02F 1/1333 (11) EP2701043 (21) EP12842679.8 (22) 08.11.2012 (54) CAPACITIVE IN-CELL TOUCH SCREEN, TOUCH LOCATING METHOD THEREFOR AND DISPLAY DEVICE THEREOF (73) BOE Technology Group Co., Ltd. (72) ZHAO, Jiayang (74) ir. W.J.J.M. Kempes (31) 201210226824 (32) 29.06.2012 (33) China (47) 02.01.2019	(51) G06F 3/0488 (11) EP3195102 (21) EP15775532.3 (22) 15.09.2015 (54) SIMULATING REAL-TIME RESPONSIVENESS FOR TOUCH DISPLAYS (73) Microsoft Technology Licensing, LLC (72) PAEK, Timothy S. (74) J.M.H. Duyver lic. (31) 201414487647 (32) 16.09.2014 (33) United States of America (47) 27.02.2019	(74) J.M.H. Duyver lic. (31) 201310073611 201310073180 (32) 07.03.2013 07.03.2013 (33) China China (47) 06.03.2019
(51) G06F 3/048 H04N 7/18 G06F 3/0488 G06F 3/12 G06F 3/041 G06F 3/0481 G06T 11/00 G06T 11/60 (11) EP2966558 (21) EP14783408.9 (22) 04.04.2014 (54) MULTI-CHANNEL TOUCH CONTROL METHOD, DEVICE AND COMPUTER STORAGE MEDIA FOR INTEGRATION MACHINE (73) Guangzhou Shirui Electronics Co., Ltd. (72) CAI, Wensheng (74) ir. W.J.J.M. Kempes (31) 201310118741 201310118703 201310118679 (32) 07.04.2013 07.04.2013 07.04.2013 (33) China China China (47) 09.01.2019	(51) G06F 3/147 G06F 3/01 (11) EP2942705 (21) EP15167025.4 (22) 08.05.2015 (54) METHOD AND DEVICE FOR CONTROLLING MULTIPLE DISPLAYS (73) Samsung Electronics Co., Ltd (72) Kim, Seongeun Bae, Myunghun Kim, Junyun Park, Jungsik Shin, Heungsik Song, Sejun Hong, Myunggon Hong, Hyunju (74) ir. M.F.J.M. Ketelaars c.s. (31) 20140055443 (32) 09.05.2014 (33) Korea (Republic) (47) 06.03.2019	(47) 06.03.2019 (51) G06F 3/0488 G06F 21/32 G06F 21/36 (11) EP2693359 (21) EP13164314.0 (22) 18.04.2013 (54) Mobile device, and method for releasing lock of the mobile device via handwriting recognition (73) Samsung Electronics Co., Ltd (72) Kim, Sangho Kwon, Musik Kim, Mooring Hwang, Seongtaek (74) ir. M.F.J.M. Ketelaars c.s. (31) 20120084326 (32) 01.08.2012 (33) Korea (Republic) (47) 13.03.2019
(51) G06F 3/0481 G02B 27/01 G06F 3/01 G06F 3/0346 (11) EP3137982 (21) EP15723074.9 (22) 28.04.2015 (54) TRANSITIONS BETWEEN BODY- LOCKED AND WORLD-LOCKED AUGMENTED REALITY (73) Microsoft Technology Licensing, LLC (72) EBSTYNE, Michael John SCHAFFALITZKY, Frederik LATTA, Stephen LALONDE, Paul Albert STEEDLY, Drew KIPMAN, Alex EADE, Ethan (74) J.M.H. Duyver lic. (31) 201414267624 (32) 01.05.2014	(51) G06F 3/0488 G06F 3/0482 G06F 3/0484 (11) EP2872979 (21) EP13877161.3 (22) 02.12.2013 (54) VIEW MODE SWITCH OF GRAPHICAL USER INTERFACE (73) Tencent Technology (Shenzhen) Company Limited	(54) METHODS OF PROCESSING ELECTRONIC FILES INCLUDING COMBINED CLOSE AND DELETE, AND RELATED SYSTEMS AND COMPUTER PROGRAM PRODUCTS (73) Telefonaktiebolaget LM Ericsson (publ) (72) LIANG, Hongxin MAZMANOV, Dimitri (74) ir. J.C. Volmer c.s. (47) 06.03.2019 (51) G06F 3/12 G06F 17/22 G06F 17/30 H04N 1/00 H04N 1/387 (11) EP2474903 (21) EP12162759.0 (22) 04.12.2009 (54) Host apparatus connectable to image forming apparatus and web page printing method thereof (73) HP Printing Korea Co., Ltd. (72) Lee, Hee-ran Kang, Hyung-jong (74) dr. W.A.H.M. Van Borm (31) 20080133041 (32) 24.12.2008 (33) Korea (Republic)

(47) 13.03.2019	(22) 09.03.2015	(11) EP2901312
(51) G06F 7/00	(54) ARCHITECTURAL MODE	(21) EP13841941.1
(11) EP2062127	CONFIGURATION IN A COMPUTING	(22) 27.09.2013
(21) EP07837881.7	SYSTEM	(54) REAL TIME OPTIMIZATION OF
(22) 07.09.2007	(73) International Business Machines Corporation	COMPUTE INFRASTRUCTURE IN A
(54) METHOD AND SYSTEM TO SEARCH	(72) GSCHWIND, Michael Karl	VIRTUALIZED ENVIRONMENT
VIEWABLE CONTENT	GAINEY, Charles	(73) Cycle Computing LLC
(73) OpenTV, Inc.	(74) J.M.H. Duyver lic.	(72) HARRIS, Daniel
(72) ZELDIS, Andrew	(31) 201414217840	JOHNSON, Adrian
TERADA, Gina	201414554806	STOWE, Jason A.
MERKOSKI, David A.	(32) 18.03.2014	WATROUS, Ben
MARR, Jared	26.11.2014	(74) ir. M.F.J.M. Ketelaars c.s.
ROTTLER, Benjamin A.	(33) United States of America	(31) 201261707564 P
KANAREK, Jordan	United States of America	(32) 28.09.2012
HUNTINGTON, Matthew	(47) 27.02.2019	(33) United States of America
PERING, Celine	(51) G06F 9/451	(47) 02.01.2019
NAZARIAN, David Scott	G06F 3/0481	(51) G06F 11/14
WAGNER, Joshua	(11) EP3126967	G06F 11/10
(74) J.M.H. Duyver lic.	(21) EP15719888.8	(11) EP3244315
(31) 842735 P	(22) 27.03.2015	(21) EP17162131.1
911009 P	(54) ADAPTIVE USER INTERFACE PANE	(22) 21.03.2017
(32) 07.09.2006	MANAGER	(54) METHOD AND APPARATUS FOR
10.04.2007	(73) Microsoft Technology Licensing, LLC	PERFORMING DATA RECOVERY IN
(33) United States of America	(72) KAUFTHAL, Jonathan S.	REDUNDANT STORAGE SYSTEM
United States of America	SPOMER, Travis	(73) Synology Incorporated
(47) 02.01.2019	SLOAN, Ryan	(72) Lien, Huai-En
(51) G06F 8/41	(74) ir. M.F.J.M. Ketelaars c.s.	Cheng, Chung-Chiang
H04L 29/06	(31) 201461974377 P	Yeh, Chien-Kuan
H04L 29/08	201414453445	(74) ir. A.R. Aalbers
(11) EP2972827	(32) 02.04.2014	(31) 105114847
(21) EP14712708.8	06.08.2014	(32) 13.05.2016
(22) 10.03.2014	(33) United States of America	(33) Taiwan, Province of China
(54) COLLABORATIVE EDITING	United States of America	(47) 02.01.2019
(73) Writelatex Limited	(47) 30.01.2019	(51) G06F 11/14
(72) HAMMERSLEY, John	(51) G06F 9/455	G06F 11/10
LEES-MILLER, John	(11) EP2795464	(11) EP3244316
(74) J.M.H. Duyver lic.	(21) EP11878055.0	(21) EP17169663.6
(31) 201313792660	(22) 22.12.2011	(22) 05.05.2017
(32) 11.03.2013	(54) ENABLING EFFICIENT NESTED	(54) METHOD AND APPARATUS FOR
(33) United States of America	VIRTUALIZATION	PERFORMING DATA RECOVERY IN
(47) 27.02.2019	(73) Intel Corporation	REDUNDANT STORAGE SYSTEM
(51) G06F 9/44	(72) TIAN, Kun	(73) Synology Incorporated
(11) EP2784666	DONG, Yao Zu	(72) Lien, Huai-En
(21) EP14161739.9	(74) ir. W.J.J.M. Kempes	Cheng, Chung-Chiang
(22) 26.03.2014	(47) 23.01.2019	Yeh, Chien-Kuan
(54) Method and device for displaying service	(51) G06F 9/455	Liang, Chih-Cheng
pages for executing applications	G06F 21/53	Chang, Tzu-Lin
(73) Samsung Electronics Co., Ltd.	G06F 21/54	Chien, Ning-Yen
(72) Park, Yong-gook	G06F 21/51	Chen, Hsuan-Ting
Kang, Nam-wook	G06F 21/52	(74) ir. A.R. Aalbers
Bae, Joo-yoon	G06F 8/71	(31) 105114847
Shin, Eun-mee	G06F 9/30	201762441561 P
Lee, Keum-koo	G06F 9/38	201715491994
Lee, Hye-won	(11) EP2691905	(32) 13.05.2016
(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP11862317.2	03.01.2017
(31) 201361805632 P	(22) 31.03.2011	20.04.2017
20130082464	(54) METHOD OF SECURING NON-NATIVE	(33) Taiwan, Province of China
(32) 27.03.2013	CODE	United States of America
12.07.2013	(73) Irdeto B.V.	United States of America
(33) United States of America	(72) ADAMS, Garney, David	(47) 09.01.2019
Korea (Republic)	GU, Yuan Xiang	(51) G06F 12/00
(47) 30.01.2019	RONG, Jack, Jiequn	G06F 9/30
(51) G06F 9/4401	(74) ir. H.J.G. Lips c.s.	G06F 9/38
G06F 15/76	(47) 13.03.2019	G06F 9/46
G06F 15/78	(51) G06F 9/48	(11) EP2862071
G06F 9/445	G06F 9/50	(21) EP13805110.7
(11) EP3114561	G06F 9/455	(22) 12.06.2013
(21) EP15711073.5	G06F 9/46	

(54) SELECTIVELY CONTROLLING INSTRUCTION EXECUTION IN TRANSACTIONAL PROCESSING	A61M 5/24 (11) EP3304372 (21) EP16725864.9	G06F 7/04 (11) EP3126958 (21) EP15772391.7
(73) International Business Machines Corporation	(22) 30.05.2016	(22) 26.03.2015
(72) GREINER, Dan JACOBI, Christian SLEGEL, Timothy ROGERS, Robert	(54) MONITORING DEVICE FOR DRUG APPLICATION WITH A DRUG PEN, WITH LOGGING, COMMUNICATION AND ALARMS	(54) SYSTEMS AND METHODS FOR DETECTING COPIED COMPUTER CODE USING FINGERPRINTS
(74) J.M.H. Duyver lic.	(73) Insulcloud, S.L.	(73) Terbium Labs LLC
(31) 201213524898	(72) ARENAS LATORRE, Jesús	(72) ROGERS, Daniel, Jordan MOORE, Michael, Alan
(32) 15.06.2012	(74) LÓPEZ SÁNCHEZ-PASCUALA, José Luis	(74) ir. M.F.J.M. Ketelaars c.s.
(33) United States of America	(74) mr.ir. F.N. Ferro	(31) 201461973125 P
(47) 27.02.2019	(31) 15382286	201414314407
(51) G06F 12/08	(32) 29.05.2015	201514621554
G06F 12/02	(33) European Patent Office (EPO)	(32) 31.03.2014
G06F 3/06	(47) 26.12.2018	25.06.2014
G11C 7/10	(51) G06F 21/00	13.02.2015
G11C 16/02	H04L 9/00	(33) United States of America
(11) EP2795470	G06F 21/52	United States of America
(21) EP13741595.6	G06F 21/57	United States of America
(22) 02.01.2013	G06F 21/51	(47) 23.01.2019
(54) APPARATUS AND METHOD TO PROVIDE CACHE MOVE WITH NON-VOLATILE MASS MEMORY SYSTEM	(11) EP2095288	(51) G06F 21/30
(73) Memory Technologies LLC	(21) EP07848190.0	G06F 3/044
(72) MYLLY, Kimmo J. KLINT, Jani J. HYVÖNEN, Jani HILL, Tapio VIHMALO, Jukka-Pekka FLOMAN, Matti	(22) 04.12.2007	G06F 21/36
(74) J.M.H. Duyver lic.	(54) METHOD FOR THE SECURE STORING OF PROGRAM STATE DATA IN AN ELECTRONIC DEVICE	(11) EP2920730
(31) 201213358806	(73) Nokia Technologies Oy	(21) EP14852275.8
(32) 26.01.2012	(72) EKBERG, Jan-Erik	(22) 08.10.2014
(33) United States of America	PAATERO, Lauri	(54) METHOD FOR AUTHENTICATING CAPACITIVE TOUCH
(47) 06.03.2019	(74) ir. W.J.J.M. Kempes	(73) 12CM Global PTE. LTD.
(51) G06F 15/16	(31) 638405	(72) HAN, Jeong-gyoun KIM, Jae-hyung
H04W 52/24	(32) 14.12.2006	(74) ir. W.J.J.M. Kempes
(11) EP3011464	(33) United States of America	(31) 20130120202
(21) EP14813941.3	(47) 23.01.2019	(32) 08.10.2013
(22) 19.06.2014	(51) G06F 21/10	(33) Korea (Republic)
(54) SYSTEMS AND METHODS FOR DATA TRANSFER	G06F 21/73	(47) 02.01.2019
(73) Fossil Group, Inc.	G06Q 20/02	(51) G06F 21/32
(72) DIAMOND, Steven VU, Sonny	G06Q 20/38	(11) EP3005211
(74) J.M.H. Duyver lic.	(11) EP1634140	(21) EP13773508.0
(31) 201361837254 P	(21) EP04748654.3	(22) 21.09.2013
(32) 20.06.2013	(22) 14.06.2004	(54) RESOURCE MANAGEMENT BASED ON BIOMETRIC DATA
(33) United States of America	(54) METHOD AND SYSTEM FOR PERFORMING A TRANSACTION AND FOR PERFORMING A VERIFICATION OF LEGITIMATE ACCESS TO, OR USE OF DIGITAL DATA	(73) Microsoft Technology Licensing, LLC
(47) 06.02.2019	(73) Ward Participations B.V.	(72) SONI, Himanshu SINGH, Karanbir BAKER, Arthur, H. BHARADWAJ, Vijay, G. PORTER, Nelly, L. BARHUDARIAN, Violet, Anna WOOD, John, D. T. SHIPMAN, Jeffrey, E. VIEGAS, Jeremy, D.
(51) G06F 19/00	(72) TEL, Teunis	(74) ir. P.J. Hylarides c.s.
(11) EP2899657	WARD, Scott, MacDonald	(31) 201361829875 P
(21) EP14199772.6	(74) J. Hoekstra	201314018680
(22) 22.12.2014	(31) PCT/NL03/00436	(32) 31.05.2013
(54) Real-time communication between medical devices over a dicom network	(32) 13.06.2003	05.09.2013
(73) Biosense Webster (Israel) Ltd.	(33) World Intellectual Property Office (WIPO)	(33) United States of America
(72) Zino, Eliahu Amit, Matityahu Zigelman, Gil	(47) 16.01.2019	United States of America
(74) ir. M.F.J.M. Ketelaars c.s.	(51) G06F 21/12	(47) 23.01.2019
(31) 201314138591	H04B 1/3816	(51) G06F 21/35
(32) 23.12.2013	H04W 12/06	G06F 21/42
(33) United States of America	(11) EP2506175	H04L 9/32
(47) 30.01.2019	(21) EP11160423.7	H04L 29/06
(51) G06F 19/00	(22) 30.03.2011	(11) EP2912595
A61M 5/315	(54) Enabling a software application to be executed on a mobile station	(21) EP13779803.9
	(73) Irdeto B.V.	(22) 17.10.2013
	(72) Doumen, Jeroen Mathias	
	(74) ir. H.J.G. Lips c.s.	
	(47) 30.01.2019	
	(51) G06F 21/16	

(54) METHOD FOR PRODUCING A SOFT TOKEN, COMPUTER PROGRAM PRODUCT AND SERVICE COMPUTER SYSTEM	28.07.2011 (33) Sweden United States of America (47) 23.01.2019	(74) ir. M.F.J.M. Ketelaars c.s. (31) 2014904417 2015900532 (32) 03.11.2014 17.02.2015
(73) Bundesdruckerei GmbH (72) DIETRICH, Frank (74) J.M.H. Duyver lic. (31) 102012219618 (32) 26.10.2012 (33) Germany (47) 27.02.2019	(51) G06K 19/07 (11) EP2672429 (21) EP13168081.1 (22) 16.05.2013 (54) RFID transponder chip with a programmable wake-up (73) EM Microelectronic-Marin SA (72) Springer, James J. Kamp, David A. (74) ir. P.J. Hylarides c.s. (31) 201213488765 (32) 05.06.2012 (33) United States of America (47) 02.01.2019	(32) 03.11.2014 17.02.2015 (33) Australia Australia (47) 02.01.2019
(51) G06F 21/57 G06F 21/74 G06F 21/62 (11) EP3018609 (21) EP15192654.0 (22) 02.11.2015 (54) METHOD FOR LOADING A FILE INTO RAM IN AN ELECTRONIC APPARATUS AND ASSOCIATED ELECTRONIC APPARATUS	(51) G06K 19/07 G08C 17/00 (11) EP3050001 (21) EP14795695.7 (22) 24.09.2014 (54) A METHOD AND SYSTEM FOR INITIATING A FUNCTION IN AN ELECTRONIC DEVICE (73) Google Technology Holdings LLC (72) ZHAO, Hong SHOSTAK, Pavel A. (74) ir. H.J.G. Lips c.s. (31) 201361883711 P 201414444188 (32) 27.09.2013 28.07.2014 (33) United States of America United States of America (47) 27.02.2019	(51) G06Q 30/02 G06F 21/64 G06F 21/62 (11) EP2936413 (21) EP13822031.4 (22) 20.12.2013 (54) DIGITAL SIGNATURES FOR ONLINE ADVERTISEMENT SECURITY (73) Microsoft Technology Licensing, LLC (72) BITRAN, Hadas SOMECH, Haim OREN, Ishai BARASH, Uri MIZRACHI, Ran (74) ir. P.J. Hylarides c.s. (31) 201213721180 (32) 20.12.2012 (33) United States of America (47) 30.01.2019
(73) IDEMIA France (72) FRANCOIS, Axel SARTORI, Michele (74) ir. W.J.J.M. Kempes (31) 1460679 (32) 05.11.2014 (33) France (47) 02.01.2019	(51) G06K 7/10 H04B 5/00 H04B 5/02 H04W 76/14 H04M 1/725 H04W 92/18 (11) EP1869842 (21) EP06726700.5 (22) 11.04.2006 (54) COMMUNICATIONS APPARATUS (73) Avago Technologies International Sales Pte. Limited (72) BROWN, Robert Innovision Research & Technology PLC SYMONS, Peter Innovision Research & Technology PLC (74) ir. W.J.J.M. Kempes (31) 0507285 0516517 (32) 11.04.2005 11.08.2005 (33) United Kingdom United Kingdom (47) 16.01.2019	(51) G06Q 30/02 H04L 29/06 G06F 17/30 G06F 21/57 G06Q 10/06 G06Q 50/00 H04L 12/26 (11) EP2942750 (21) EP15166012.3 (22) 30.04.2015 (54) COMPUTER SYSTEM FOR DISTRIBUTED DISCOVERY OF VULNERABILITIES IN APPLICATIONS (73) Synack, Inc. (72) KAPLAN, Jay KUHR, Mark (74) ir. M.F.J.M. Ketelaars c.s. (31) 201414271110 (32) 06.05.2014 (33) United States of America (47) 30.01.2019
(51) G06K 9/00 G01N 33/50 G01N 1/30 G01N 21/64 (11) EP2737454 (21) EP12818014.8 (22) 27.07.2012 (54) METHOD FOR PROVIDING IMAGES OF A TISSUE SECTION	(51) G06K 19/073 (11) EP3163510 (21) EP15812163.2 (22) 25.06.2015 (54) CONTACT-TYPE APPARATUS AND METHOD FOR INSPECTING SIDE CHANNELS OF SMARTCARD (73) Kookmin University Industry Academy Cooperation Foundation (72) KIM, Jin-Bae JI, Jae-Deok HAN, Dong-Guk (74) ir. M.F.J.M. Ketelaars c.s. (31) 20140078284 (32) 25.06.2014 (33) Korea (Republic) (47) 06.03.2019	(51) G06T 7/00 G06T 11/00 G06T 7/12 G06T 7/149 (11) EP2742483 (21) EP12751103.8 (22) 27.07.2012 (54) IMAGE PROCESSING METHOD (73) Depuy International Limited Imorphics Limited (72) VINCENT, Graham Richard BOWES, Michael Antony (74) ir. C.M. Jansen c.s. (31) 201113683 (32) 09.08.2011 (33) United Kingdom (47) 02.01.2019
(73) Medetect AB (72) ERJEFÄLT, Jonas (74) ir. P.J. Hylarides c.s. (31) 1150724 201161512617 P (32) 28.07.2011	(51) G06N 99/00 (11) EP3016035 (21) EP15192762.1 (22) 03.11.2015 (54) A QUANTUM PROCESSOR (73) NewSouth Innovations Pty Limited University of Melbourne (72) Hollenberg, Lloyd Christopher Leonard Hill, Charles David Simmons, Michelle Yvonne Peretz, Sven Rogge, Eldad Fuechsle, Martin Hile, Samuel James	(51) G06T 7/00 G06T 11/60 (11) EP2736016

(21) EP13194593.3	(11) EP2443615	Japan
(22) 27.11.2013	(21) EP10790021.9	Japan
(54) Contour segmentation apparatus and method based on user interaction	(22) 15.06.2010	(47) 09.01.2019
(73) Samsung Electronics Co., Ltd	(54) PIECEWISE PLANAR RECONSTRUCTION OF THREE-DIMENSIONAL SCENES	(51) G07F 17/32 G07F 17/34 G09F 13/04
(72) Kim, Ye-Hoon Woo, Kyoung-Gu	(73) Microsoft Technology Licensing, LLC	(11) EP2926324
(74) ir. P.J. Hylarides c.s.	(72) SINHA, Sudipta, Narayan STEEDLY, Drew, Edward	(21) EP13798254.2
(31) 20120135473	SZELISKI, Richard, Stephen	(22) 28.11.2013
(32) 27.11.2012	(74) ir. P.J. Hylarides c.s.	(54) ILLUMINATED FRAME SYSTEM
(33) Korea (Republic)	(31) 484909	(73) Novomatic AG
(47) 06.02.2019	(32) 15.06.2009	(72) GAWEL, Marek WÖLS, Martin
(51) G06T 7/33	(33) United States of America	MESUT, Ates
G06T 7/73	(47) 30.01.2019	(74) dr. A. Krebs
G06T 7/38	(51) G06T 19/00	(31) 202012011537 U
G06T 7/521	(11) EP3007136	(32) 29.11.2012
G06T 7/579	(21) EP14188336.3	(33) Germany
G01C 15/00	(22) 09.10.2014	(47) 20.02.2019
H04N 5/232	(54) Apparatus and method for generating an augmented reality representation of an acquired image	(51) G08C 17/02 G08C 23/04 H04N 5/44 H04N 21/422
(11) EP3086283	(73) Huawei Technologies Co., Ltd.	(11) EP2191452
(21) EP15164442.4	(72) Peuhkurinen, Antti Erik	(21) EP08795499.6
(22) 21.04.2015	(74) ir. W.J.J.M. Kempes	(22) 21.08.2008
(54) PROVIDING A POINT CLOUD USING A SURVEYING INSTRUMENT AND A CAMERA DEVICE	(47) 16.01.2019	(54) REMOTE CONTROL DEVICE AND METHODS FOR IMPROVING LATENCY IN A REMOTE CONTROLLED SYSTEM
(73) Hexagon Technology Center GmbH	(51) G07F 17/00 A61J 7/00 G06F 19/00 G07F 11/16 G07F 11/54	(73) Thomson Licensing (72) COOK, Gregory, William MOUICHE, Arnaud, Gwenael MC CLEARY, Mark, Allen GUTKNECHT, Gary FLICKNER, Andrew, Kent
(72) Metzler, Bernhard Velizhev, Alexander Fidler, Thomas	(11) EP3133564	(74) ir. M.F.J.M. Ketelaars c.s.
(74) ir. C.M. Jansen c.s.	(21) EP16191577.2	(31) 994765 P
(47) 16.01.2019	(22) 23.10.2008	(32) 21.09.2007
(51) G06T 11/00	(54) DRUG DELIVERY SYSTEM, AND DRUG DELIVERY DEVICE	(33) United States of America
(11) EP3155593	(73) YUYAMA MFG. CO., LTD.	(47) 02.01.2019
(21) EP15728008.2	(72) YASUNAGA, Itsuo ASAOKA, Chisei OIKE, Norifumi KAMINISHI, Kensuke KASUYA, Masahiko TAKEDA, Nakaji TSUDA, Hiromichi MORITA, Yasuyuki TAIRA, Shinya SUGIMOTO, Tomohiro TOYOTA, Naomichi	(51) G09B 7/02 (11) EP2750063 (21) EP13194236.9 (22) 25.11.2013 (54) METHODS AND SYSTEMS FOR MONITORING EXAMS (73) Tata Consultancy Services Limited (72) Shah, Viral Prakash Shaikh, Nawaz Mohammed Kumar, Rohit
(22) 11.06.2015	(74) ir. C.M. Jansen c.s.	(74) ir. M.F.J.M. Ketelaars c.s.
(54) METHOD AND DEVICE FOR COLOR PROCESSING OF DIGITAL IMAGES	(31) 2007274931 2007274932 2007274933 2007274934 2008190195 2008240590 2008264662	(31) 3711MU2012 (32) 27.12.2012 (33) India (47) 09.01.2019
(73) Thomson Licensing	(32) 23.10.2007 23.10.2007 23.10.2007 23.07.2008 19.09.2008 10.10.2008	(51) G09G 3/32 (11) EP3001405 (21) EP15186395.8 (22) 23.09.2015 (54) ORGANIC LIGHT-EMITTING DIODE DISPLAY DEVICE AND METHOD FOR DRIVING THE SAME (73) LG Display Co., Ltd. (72) NOH, So-Young RYU, Won-Song
(72) CHAMARET, Christel KUZOVKIN, Dmitry POULI, Tania Foteini	(33) Japan Japan Japan Japan Japan	(74) ir. J.C. Volmer c.s.
(74) ir. M.F.J.M. Ketelaars c.s.		(31) 20140126856
(31) 14305889 14307124		(32) 23.09.2014
(32) 12.06.2014 22.12.2014		
(33) European Patent Office (EPO) European Patent Office (EPO)		
(47) 02.01.2019		
(51) G06T 11/00		
G06T 7/00		
(11) EP3262611		
(21) EP16701751.6		
(22) 26.01.2016		
(54) METHOD FOR SEGMENTING THE IMAGE OF AN OBJECT RECONSTRUCTED BY THREE-DIMENSIONAL RECONSTRUCTION		
(73) IFP Energies nouvelles		
(72) MOREAUD, Maxime WAHL, François		
(74) ir. W.J.J.M. Kempes		
(31) 1551548		
(32) 24.02.2015		
(33) France		
(47) 26.12.2018		
(51) G06T 17/00		
G06T 7/536		

(33) Korea (Republic)	(54) PARAMETRIC STEREO AUDIO	DO, Nhan
(47) 20.03.2019	DECODING	TIWARI, Vipin
(51) G09G 3/36	(73) Dolby International AB	(74) ir. H.Th. van den Heuvel c.s.
H04N 5/64	(72) Henn, Frederik	(31) 201414455698
G06F 1/16	Kjörling, Kristofer	(32) 08.08.2014
H04N 19/40	Liljeryd, Lars Gustaf	(33) United States of America
(11) EP2894626	Röden, Jonas	(47) 06.03.2019
(21) EP15156266.7	Engdegard, Jonas	(51) G11C 16/30
(22) 31.03.2010	(74) mr. dr. H.D. Dokter	G11C 16/24
(54) Display with the driving unit placed on the lower back side	(31) 0102481	G11C 16/26
(73) Samsung Electronics Co., Ltd	0200796	G11C 16/28
(72) Choi, Jung-hwa	0202159	G11C 7/10
(74) ir. P.J. Hylarides c.s.	(32) 10.07.2001	G11C 7/12
(31) 20090040039	15.03.2002	G11C 29/02
20090101186	09.07.2002	G11C 5/14
(32) 08.05.2009	(33) Sweden	G11C 7/04
23.10.2009	Sweden	G11C 16/34
(33) Korea (Republic)	(47) 09.01.2019	G11C 29/12
Korea (Republic)	(51) G10L 19/24	(11) EP3172732
(47) 09.01.2019	G10L 19/02	(21) EP15731202.6
(51) G10L 19/00	(11) EP1891740	(22) 10.06.2015
G10L 19/038	(21) EP06848793.3	(54) BITLINE REGULATOR FOR HIGH SPEED FLASH MEMORY SYSTEM
G10L 19/107	(22) 16.06.2006	(73) Silicon Storage Technology Inc.
(11) EP3174048	(54) SCALABLE AUDIO ENCODING AND DECODING USING A HIERARCHICAL FILTERBANK	(72) QIAN, Xiaozhou
(21) EP16160251.1	(73) DTS(BVI) Limited	ZHOU, Yao
(22) 30.11.2011	(72) SHMUNK, Dmitry V.	SHENG, Bin
(54) METHOD AND ENCODER FOR VECTOR JOINT ENCODING OF A SPEECH SIGNAL	BEATON, Richard J.	PENG, Jiaxu
(73) Huawei Technologies Co., Ltd.	(74) ir. C.M. Jansen c.s.	ZHU, Yaohua
(72) Ma, Fuwei	(31) 691558 P	(74) ir. H.Th. van den Heuvel c.s.
Zhang, Dejun	452001	(31) 201410429526
Miao, Lei	(32) 17.06.2005	201414486673
Qi, Fengyan	12.06.2006	(32) 22.07.2014
(74) ir. W.J.J.M. Kempes	(33) United States of America	15.09.2014
(31) 201110028694	United States of America	(33) China
(32) 26.01.2011	(47) 09.01.2019	United States of America
(33) China	(51) G11C 11/00	(47) 20.02.2019
(47) 09.01.2019	G11C 19/28	(51) G11C 17/16
(51) G10L 19/002	G09G 3/36	H04L 9/32
G10L 19/032	(11) EP2562761	G11C 17/18
G10L 19/028	(21) EP11771583.9	(11) EP3309790
G10L 19/02	(22) 20.04.2011	(21) EP17195951.3
(11) EP3174049	(54) SHIFT REGISTER, GATE DRIVING DEVICE AND DATA LINE DRIVING DEVICE FOR LIQUID CRYSTAL DISPLAY	(22) 11.10.2017
(21) EP16160249.5	(73) Beijing BOE Optoelectronics Technology Co., Ltd.	(54) ANTIFUSE PHYSICALLY UNCLONABLE FUNCTION UNIT AND ASSOCIATED CONTROL METHOD
(22) 22.03.2012	(72) HAN, Seung Woo	(73) eMemory Technology Inc.
(54) AUDIO SIGNAL CODING METHOD AND DEVICE	SHANG, Guangliang	(72) WU, Meng-Yi
(73) Huawei Technologies Co., Ltd.	(74) ir. W.J.J.M. Kempes	CHEN, Hsin-Ming
(72) Qi, Fengyan	(31) 201010158961	(74) ir. C.M. Jansen c.s.
Liu, Zexin	(32) 23.04.2010	(31) 201662406968 P
Miao, Lei	(33) China	201715726470
(74) ir. W.J.J.M. Kempes	(47) 09.01.2019	(32) 12.10.2016
(31) 201110196035	(51) G11C 16/16	06.10.2017
(32) 13.07.2011	G11C 16/04	(33) United States of America
(33) China	G11C 7/18	United States of America
(47) 09.01.2019	(11) EP3178086	(47) 30.01.2019
(51) G10L 19/02	(21) EP15744830.9	(51) G11C 29/32
H04S 5/00	(22) 17.07.2015	G11C 29/00
G10L 19/008	(54) FLASH MEMORY SYSTEM WITH EEPROM FUNCTIONALITY	G11C 5/04
H04S 3/00	(73) Silicon Storage Technology Inc.	G11C 29/02
H04S 1/00	(72) TRAN, Hieu, Van	G11C 5/02
G10L 19/24	NGUYEN, Hung, Quoc	G11C 5/06
(11) EP3104367		H01L 25/065
(21) EP16181505.5		(11) EP2201599
(22) 10.07.2002		(21) EP08840720.0
		(22) 15.10.2008

(54) RECONFIGURABLE CONNECTIONS FOR STACKED SEMICONDUCTOR DEVICES	(51) H01H 37/04 B60R 16/03 H01H 37/34 H01H 37/52 H01H 37/54	(74) J.M.H. Duyver lic. (31) 201510969869 (32) 22.12.2015 (33) China (47) 06.02.2019
(73) Micron Technology, Inc.	(11) EP3211651	(51) H01L 25/10
(72) KEETH, Brent	(21) EP17155669.9	H01L 21/56
(74) ir. C.M. Jansen c.s.	(22) 26.02.2015	H01L 21/60
(31) 873118	(54) THERMAL SAFETY SWITCH	H01L 23/13
(32) 16.10.2007	(73) Ellenberger & Poensgen GmbH	H01L 23/538
(33) United States of America	(72) KOOPS, Dietmar	H01L 23/485
(47) 02.01.2019	SCHNEIDER, Ewald	H01L 23/48
(51) G21F 9/30	ULLERMANN, Wolfgang	H01L 25/065
G21C 19/307	(74) ir. P.J. Hylarides c.s.	H01L 25/11
G21C 19/28	(31) 102014004106	H01L 23/31
G21F 9/00	(32) 21.03.2014	H01L 23/498
G21C 17/022	(33) Germany	H01L 23/488
(11) EP3063771	(47) 23.01.2019	H01L 23/49
(21) EP14858235.6	(51) H01L 21/56	(11) EP2769412
(22) 05.06.2014	H01L 21/78	(21) EP12788344.5
(54) AMBIENT TEMPERATURE DECONTAMINATION OF NUCLEAR POWER PLANT COMPONENT SURFACES CONTAINING RADIONUCLIDES IN A METAL OXIDE	H01L 25/00	(22) 17.10.2012
(73) Westinghouse Electric Company Llc	(11) EP3011588	(54) MICROELECTRONIC PACKAGE WITH STACKED MICROELECTRONIC UNITS AND METHOD FOR MANUFACTURE THEREOF
(72) CRYTZER, Kurtis R.	(21) EP14750526.7	(73) Invensas Corporation
IKEDA, Lauren R.	(22) 16.06.2014	(72) CASKEY, Terrence
VITALE, Nicole D.	(54) METHOD FOR TRANSFERRING A LAYER OF CIRCUITS	MOHAMMED, Ilyas
(74) J.M.H. Duyver lic.	(73) Soitec	(74) ir. F.E. Hoeben
(31) 201314065741	(72) BROEKAART, Marcel	(31) 201113277330
(32) 29.10.2013	MARINIER, Laurent	(32) 20.10.2011
(33) United States of America	(74) ir. C.M. Jansen c.s.	(33) United States of America
(47) 13.02.2019	(31) 1355765	(47) 20.02.2019
(51) G21K 7/00	(32) 19.06.2013	(51) H01L 27/32
G21K 1/06	(33) France	H01L 27/146
G01N 23/20016	(47) 30.01.2019	(11) EP2715791
(11) EP3180791	(51) H01L 21/66	(21) EP11746389.3
(21) EP15756578.9	G03F 7/20	(22) 04.08.2011
(22) 13.08.2015	(11) EP2758990	(54) APPARATUS FOR DISPLAYING AND SENSING IMAGES
(54) METHOD FOR SCANNING A SAMPLE BY MEANS OF X-RAY OPTICS AND AN APPARATUS FOR SCANNING A SAMPLE	(21) EP12833283.0	(73) Global OLED Technology LLC
(73) Bruker Nano GmbH	(22) 20.09.2012	(72) COK, Ronald, S.
(72) WALDSCHLÄGER, Ulrich	(54) PROCESS AWARE METROLOGY	ARNOLD, Andrew, D.
(74) ir. M.F.J.M. Ketelaars c.s.	(73) Kla-Tencor Corporation	MILLER, Michael, E.
(31) 102014216081	(72) LIU, Xuefeng	HAMER, John, W.
102014219601	CHUANG, Yung-Ho, Alex	(74) J.M.H. Duyver lic.
(32) 13.08.2014	FIELDEN, John	(31) 201113150807
26.09.2014	TSAI, Bin-Ming, Benjamin	(32) 01.06.2011
(33) Germany	ZHANG, Jingjing	(33) United States of America
Germany	(74) ir. W.J.J.M. Kempes	(47) 27.02.2019
(47) 09.01.2019	(31) 201161538699 P	(51) H01L 29/66
(51) H01B 1/22	201213411433	B05D 3/06
H01F 1/01	(32) 23.09.2011	F26B 3/28
D01F 1/09	02.03.2012	H01L 25/075
D01F 6/62	(33) United States of America	H01L 33/62
(11) EP3123483	United States of America	(11) EP2885818
(21) EP15731491.5	(47) 06.03.2019	(21) EP12883152.6
(22) 26.03.2015	(51) H01L 21/762	(22) 20.08.2012
(54) PLASTIC FIBRE WITH ELECTRICAL CONDUCTIVITY	H01L 21/8234	(54) MICRO-CHANNEL-COOLED HIGH HEAT LOAD LIGHT EMITTING DEVICE
(73) Feegoo Lizenz GmbH	H01L 27/088	(73) Heraeus Noblelight America LLC
(72) VAN HATTUM, Edgar, Johannes	H01L 29/06	(72) DAHM, Jonathan, S.
(74) ir. J.M.G. Dohmen c.s.	(11) EP3185286	(74) J.M.H. Duyver lic.
(31) 102014004592	(21) EP16204236.0	(47) 27.02.2019
(32) 26.03.2014	(22) 15.12.2016	(51) H01L 29/778
(33) Germany	(54) METHOD AND DEVICE TO IMPROVE SHALLOW TRENCH ISOLATION	H01L 29/40
(47) 16.01.2019	(73) Semiconductor Manufacturing International (Beijing) Corporation	H01L 29/417
	Semiconductor Manufacturing International (Shanghai) Corporation	(11) EP1751803
	(72) ZHOU, Fei	

(21) EP05731252.2	08.05.2006	G09G 3/3216
(22) 24.03.2005	(33) United States of America	(11) EP3096370
(54) WIDE BANDGAP HEMTS WITH SOURCE CONNECTED FIELD PLATES	United States of America	(21) EP16177767.7
(73) Cree, Inc.	United States of America	(22) 15.10.2010
(72) WU, Yifeng	(47) 02.01.2019	(54) CHIPLET DISPLAY WITH MULTIPLE CONTROLLERS FOR A PASSIVE-MATRIX
PARIKH, Primit	(51) H01L 31/173	(73) Global OLED Technology LLC
MISHRA, Umesh	H01L 31/0203	(72) COK, Ronald S.
MOORE, Marcia	H01L 31/0232	(74) J.M.H. Duyver lic.
(74) ir. W.J.J.M. Kempes	A61B 5/1455	(47) 06.03.2019
(31) 570519 P	A61B 5/00	(51) H01M 2/02
958970	(11) EP3057140	H01M 2/10
(32) 11.05.2004	(21) EP16153387.2	H01M 10/42
04.10.2004	(22) 29.01.2016	H01M 10/48
(33) United States of America	(54) REFLECTIVE OPTICAL SENSOR MODULE	H01M 2/34
United States of America	(73) Taiwan Biophotonic Corporation	(11) EP3172791
(47) 09.01.2019	(72) CHU, Chang-Sheng	(21) EP15744532.1
(51) H01L 29/792	LI, Yu-Tang	(22) 23.07.2015
H01L 27/11568	LEE, Yeh-Wen	(54) ENERGY STORAGE DEVICE
H01L 27/11565	FAN, Chih-Hsun	(73) Pendix GmbH
H01L 29/423	CHUNG, Lung-Pin	(72) FETHKE, Sebastian
H01L 29/66	CHEN, Jyh-Chern	(74) ir. W.J.J.M. Kempes
(11) EP2973725	CHUNG, Shuang-Chao	(31) 102014110428
(21) EP14702719.7	(74) J.M.H. Duyver lic.	(32) 24.07.2014
(22) 16.01.2014	(31) 201562115648 P	(33) Germany
(54) A NON-VOLATILE MEMORY CELL HAVING A TRAPPING CHARGE LAYER IN A TRENCH AND ARRAY AND A METHOD OF MANUFACTURING THEREFOR	(32) 13.02.2015	(47) 16.01.2019
(73) Silicon Storage Technology Inc.	(33) United States of America	(51) H01M 2/16
(72) DO, Nhan	(47) 27.02.2019	H01M 10/052
(74) ir. H.Th. van den Heuvel c.s.	(51) H01L 33/50	(11) EP2698844
(31) 201313829111	(11) EP1794810	(21) EP13190435.1
(32) 14.03.2013	(21) EP05771259.8	(22) 06.03.2008
(33) United States of America	(22) 05.07.2005	(54) ORGANIC/INORGANIC COMPOSITE SEPARATOR AND ELECTROCHEMICAL DEVICE CONTAINING THE SAME
(47) 06.03.2019	(54) SEMICONDUCTOR LIGHT EMITTING DEVICES INCLUDING PATTERNABLE FILMS COMPRISING TRANSPARENT SILICONE AND PHOSPHOR, AND METHODS OF MANUFACTURING SAME	(73) LG Chem, Ltd.
(51) H01L 31/0224	(73) Cree, Inc.	Toray Industries, Inc.
H01B 1/22	(72) NEGLEY, Gerald H.	(72) Park, Jong-Hyeok
G02F 1/1343	(74) ir. H.J.G. Lips c.s.	Lee, Sang-Young
G02B 5/02	(31) 947704	Hong, Jang-Hyuk
C30B 7/02	(32) 23.09.2004	Nam, Moon-Ja
C30B 29/02	(33) United States of America	Yoo, Jung-A
C30B 29/60	(47) 13.03.2019	Kim, Sang-Seop
C30B 33/00	(51) H01L 51/52	Han, Chang-Hun
B82Y 30/00	(11) EP3101707	(74) ir. P.J. Hylarides c.s.
B82Y 20/00	(21) EP16181635.0	(31) 20070022320
(11) EP2922099	(22) 06.04.2010	(32) 07.03.2007
(21) EP15156396.2	(54) OLED LIGHTING DEVICES INCLUDING ELECTRODES WITH MAGNETIC MATERIAL	(33) Korea (Republic)
(22) 14.08.2006	(73) BOE Technology Group Co., Ltd.	(47) 26.12.2018
(54) Nanowires-based transparent conductors	(72) Roberts, Bruce R.	(51) H01M 4/485
(73) Cambrios Film Solutions Corporation	Payne, Kevin C.	H01M 4/505
(72) Alden, Jonathan	Farquhar, Donald Seton	H01M 4/52
Dai, Haixia	Rakuff, Stefan	C01G 45/12
Knapp, Michael, R.	Herzog, Michael Scott	C01G 49/00
Na, Shuo	(74) ir. W.J.J.M. Kempes	C01G 45/00
Pakbaz, Hash	(31) 470067	C01G 51/00
Pschenitzka, Florian	(32) 21.05.2009	C01G 53/00
Quan, Xina	(33) United States of America	H01M 4/525
Spaid, Michael, A.	(47) 06.02.2019	H01M 10/054
Winoto, Adrian	(51) H01L 51/52	(11) EP2819222
Wolk, Jeffrey	G09G 3/30	(21) EP14174752.7
(74) ir. P.J. Hylarides c.s.	G09G 3/00	(22) 27.06.2014
(31) 707675 P	G09G 3/34	(54) Positive-electrode active material for non-aqueous secondary battery and method for producing the same
796027 P	G09G 3/20	(73) Nichia Corporation
798878 P	G09G 3/32	(72) Yoshiwara, Hideaki
(32) 12.08.2005		Yamada, Tsutomu
28.04.2006		

Murayama, Masahiro	FORTE, Paolo	(11) EP3012935
(74) J.M.H. Duyver lic.	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP15190607.0
(31) 2013135703	(31) 201361827318 P	(22) 20.10.2015
2013170718	(32) 24.05.2013	(54) CIRCUIT BREAKER FOR PREVENTING
2014075347	(33) United States of America	INADVERTENT OPERATION OF
(32) 28.06.2013	(47) 20.02.2019	POWERED DEVICES AND FOR
20.08.2013	(51) H01Q 1/22	PREVENTING INJURIES DUE TO
01.04.2014	H01Q 21/00	ELECTRIC CURRENT
(33) Japan	H01Q 21/06	(73) Fraunhofer Gesellschaft zur Förderung der
Japan	(11) EP2517303	angewandten Forschung e.V.
Japan	(21) EP09852654.4	(72) Özgüç, Rasit
(47) 27.02.2019	(22) 22.12.2009	Heil, Volker
(51) H01M 8/248	(54) RADIATION ELEMENT RETAINER	(74) ir. C.M. Jansen c.s.
H01M 8/0263	DEVICE	(31) 102014115212
H01M 8/1018	(73) Saab AB	(32) 20.10.2014
H01M 8/0202	(72) GEBRETN SAE, Mussie	(33) Germany
H01M 8/04119	(74) ir. M.F.J.M. Ketelaars c.s.	(47) 13.02.2019
H01M 8/04291	(47) 30.01.2019	(51) H02J 4/00
H01M 8/04082	(51) H01Q 1/27	H02J 3/38
(11) EP2845257	H01Q 1/30	H02J 3/30
(21) EP13722006.7	H01Q 1/36	H02J 3/32
(22) 03.05.2013	H01Q 1/40	E21B 41/00
(54) FLOW FIELD FOR A FUEL CELL	H01Q 11/08	H02J 3/14
(73) Imperial Innovations Limited	A61N 1/372	H02P 27/06
(72) KUCERNAK, Anthony Robert John	(11) EP2178159	(11) EP3259821
(74) dr. A. Krebs	(21) EP09252446.1	(21) EP16711520.3
(31) 201207759	(22) 19.10.2009	(22) 22.02.2016
(32) 03.05.2012	(54) Antenna insulation for an implantable	(54) POWER GENERATION AND
(33) United Kingdom	medical device	DISTRIBUTION SYSTEM FOR
(47) 26.12.2018	(73) Codman Neuro Sciences Sàrl	OFFSHORE DRILLING UNITS
(51) H01M 10/48	(72) Crivelli, Rocco	(73) Mærsk Drilling A/S
H02J 7/00	Pipoz, Thierry	(72) PEDERSEN, John, Røn
H01M 2/20	(74) ir. M.F.J.M. Ketelaars c.s.	(74) ir. W.J.J.M. Kempes
H01M 2/10	(31) 254192	(31) 201500099
H01M 10/42	(32) 20.10.2008	201500424
G01R 31/36	(33) United States of America	201500789
B60L 3/12	(47) 30.01.2019	(32) 20.02.2015
B60L 11/18	(51) H01R 13/62	20.07.2015
(11) EP3128599	H01R 13/24	07.12.2015
(21) EP14888110.5	H01R 13/64	(33) Denmark
(22) 01.04.2014	(11) EP2736127	Denmark
(54) POWER BATTERY AND CELL STATE	(21) EP13194101.5	Denmark
ACQUISITION APPARATUS THEREOF	(22) 22.11.2013	(47) 30.01.2019
(73) Shenzhen Zhilun Driving Technology for	(54) An electronic device comprising a connector	(51) H02J 7/00
Electric Vehicle Co., Ltd.	port and a cable connector device	(11) EP2820237
(72) GONG, Shugang	(73) Samsung Electronics Co., Ltd	(21) EP13705886.3
CHEN, Yun	(72) Kim, Ju-Yong	(22) 07.02.2013
WU, Shaobo	(74) ir. M.F.J.M. Ketelaars c.s.	(54) POWER SOURCE FOR COMPLETION
HUANG, Tao	(31) 20120134484	APPLICATIONS
LI, Wei	(32) 26.11.2012	(73) Weatherford Technology Holdings, LLC
(74) ir. W.J.J.M. Kempes	(33) Korea (Republic)	(72) TEODORESCU, Sorin G.
(47) 30.01.2019	(47) 02.01.2019	RING, Lev
(51) H01M 16/00	(51) H01R 13/627	(74) ir. C.M. Jansen c.s.
H01M 8/04089	H01R 13/64	(31) 201213409975
H01M 8/04537	H01R 13/506	(32) 01.03.2012
H01M 8/04858	(11) EP2936622	(33) United States of America
H01M 8/04746	(21) EP13831820.9	(47) 02.01.2019
A62C 3/08	(22) 12.12.2013	(51) H02J 7/00
B64D 37/32	(54) PLUG-IN CONNECTOR ARRANGEMENT	G06F 3/0354
H01M 8/0432	(73) ERNI Production GmbH & Co. KG.	(11) EP3267554
(11) EP3005457	(72) LAPPÖHN, Jürgen	(21) EP17186330.1
(21) EP14800988.9	(74) ir. P.J. Hylarides c.s.	(22) 25.06.2015
(22) 07.03.2014	(31) 102012025107	(54) BATTERY CHARGING SYSTEM FOR
(54) NITROGEN ENRICHED AIR	(32) 21.12.2012	STYLUS
GENERATION AND FUEL TANK	(33) Germany	(73) Microsoft Technology Licensing, LLC
INERTING SYSTEM	(47) 26.12.2018	(72) Immel, Eric
(73) Hydrogenics Corporation	(51) H02H 11/00	Basey, Gary
(72) JOOS, Nathaniel Ian		(74) J.M.H. Duyver lic.

(31) 201414318384	(11) EP2789084	computer program products, transmitter and receiver implementing said methods
(32) 27.06.2014	(21) EP11805667.0	
(33) United States of America	(22) 09.12.2011	(73) Thales
(47) 27.02.2019	(54) METHOD FOR OPERATING A POWER CONVERTER MODULE AND A DEVICE THEREFOR	(72) Sanvoisin, Patrick
(51) H02J 13/00		(74) ir. A.R. Aalbers
(11) EP2633600		(31) 1302989
(21) EP11802267.2	(73) Telefonaktiebolaget LM Ericsson (publ)	(32) 18.12.2013
(32) 28.10.2011	(72) PERSSON, Oscar	(33) France
(54) METHOD FOR SHORT-CYCLIC DATA CAPTURE, FOR ENERGY MONITORING AND FOR SYSTEM CONTROL IN THE SMART METERING/SMART GRID USING A PIECE OF DISTRIBUTED, INTELLIGENT MIDDLEWARE	(73) KARLSSON, Magnus	(47) 09.01.2019
	(74) MALMBERG, Jonas	(51) H03M 13/09
(73) CBB Software GmbH	(74) ir. J.M.G. Dohmen c.s.	(11) EP2210344
(72) KAZAKOV, Dmitry	(47) 20.02.2019	(21) EP08842000.5
(74) ir. H.Th. van den Heuvel c.s.	(51) H02M 3/337	(22) 23.10.2008
(31) 102010049628		(54) METHOD AND APPARATUS FOR PROVIDING ADAPTIVE CYCLIC REDUNDANCY CHECK COMPUTATION
(32) 28.10.2010	(11) EP2385618	(73) Telefonaktiebolaget LM Ericsson (publ)
(33) Germany	(21) EP09839040.4	(72) CHENG, Jung-Fu
(47) 30.01.2019	(22) 30.01.2009	(73) Telefonaktiebolaget LM Ericsson (publ)
(51) H02K 5/14	(54) DC-DC CONVERTER CIRCUIT	(72) CHENG, Jung-Fu
H01R 39/39	(73) Sansha Electric Manufacturing Co., Ltd.	(73) ÅHLANDER, Mats
H02K 13/10	(72) FUJIYOSHI, Toshikazu	(74) AALTO, Christer
(11) EP2600503	(73) KATSUSHIMA, Hajime	(74) ir. J.C. Volmer c.s.
(21) EP11009558.5	(72) MORIMOTO, Kenji	(31) 982952 P
(22) 02.12.2011	(74) YAMAMURA, Satoshi	(32) 26.10.2007
(54) Brush support for a brush commuted electric motor and electric motor	(74) ir. H.J.G. Lips c.s.	(33) United States of America
(73) Lakeview Innovation Ltd.	(47) 13.03.2019	(47) 13.03.2019
(72) Teimel, Arnold	(51) H02N 2/12	(51) H04B 1/38
(74) ir. M.F.J.M. Ketelaars c.s.	(11) EP3286616	H04B 1/04
(47) 13.02.2019	(21) EP16719771.4	H04B 1/16
(51) H02K 7/06	(22) 25.04.2016	H04B 1/44
F16H 25/20	(54) SERVO MOTOR	H04B 7/0413
H02K 5/22	(73) Physik Instrumente (PI) GmbH & Co. KG	H04B 7/08
H02K 11/00	(72) MARTH, Harry	H04B 1/00
H02K 11/33	(74) STARK, Wolfram	H04B 7/04
H05K 5/02	(74) mr. ir. J. van Breda c.s.	(11) EP2194649
(11) EP3218998	(31) 102015005294	(21) EP09014806.5
(21) EP15816646.2	102015005512	(22) 27.11.2009
(22) 12.11.2015	(32) 24.04.2015	(54) Configurable baseband processing for receiver and transmitter and methods for use therewith
(54) LINEAR ACTUATOR SYSTEM	30.04.2015	(73) Avago Technologies International Sales Pte. Limited
(73) Linak A/S	(33) Germany	(72) Rofougaran, Ahmadsreza
(72) JØRGENSEN, Rolf	Germany	(74) ir. W.J.J.M. Kempes
(74) ir. C.M. Jansen c.s.	(47) 26.12.2018	(31) 326220
(31) 201400658	(51) H02P 21/14	(32) 02.12.2008
(32) 12.11.2014	H02P 6/18	(33) United States of America
(33) Denmark	G06Q 10/04	(47) 09.01.2019
(47) 02.01.2019	H02P 6/185	(51) H04B 1/38
(51) H02K 41/00	H02P 21/18	H04B 1/04
(11) EP2340602	(11) EP2756595	H04B 1/16
(21) EP08816366.2	(21) EP12769601.1	H04B 1/44
(22) 26.09.2008	(22) 10.09.2012	H04B 7/08
(54) PERMANENT MAGNET OPERATING MACHINE	(54) METHOD FOR DETERMINING THE ROTOR ANGLE OF A SYNCHRONOUS MACHINE AND DRIVE FOR CARRYING OUT THE METHOD	H04B 1/00
(73) Clearwater Holdings, Ltd.	(73) Sew-Eurodrive GmbH & Co. KG	H04B 7/04
(72) BOJIUC, Dumitru	(72) WOLF, Harald	(11) EP2194650
(74) ir. W.J.J.M. Kempes	(74) HAMMEL, Wolfgang	(21) EP09014807.3
(47) 02.01.2019	(74) mr. ir. J. van Breda c.s.	(22) 27.11.2009
(51) H02M 1/32	(31) 10201113337	(54) Configurable RF sections for receiver and method for use therewith
G05F 1/56	(32) 15.09.2011	(73) Avago Technologies International Sales Pte. Limited
H02M 1/00	(33) Germany	(72) Rofougaran, Ahmadsreza
	(47) 09.01.2019	(74) ir. W.J.J.M. Kempes
	(51) H03M 7/30	(31) 326229
	H04L 29/12	(32) 02.12.2008
	(11) EP2887622	(33) United States of America
	(21) EP14198880.8	(47) 09.01.2019
	(22) 18.12.2014	(51) H04B 5/00
	(54) Method for encoding and method for decoding a list of identifiers, related	

H01Q 1/24	(72) Lee, Il-Gu	(72) KIM, Bonghoe
H01Q 7/00	Lee, Sok-Kyu	SEO, Dongyoun
H01Q 21/30	Chung, Hyun-Kyu	YANG, Suckchel
H01Q 9/42	Kim, Dae-Sik	AHN, Joonkui
H01Q 5/35	(74) ir. H.Th. van den Heuvel c.s.	(74) J.M.H. Duyver lic.
H04B 1/3827	(31) 20090103008	(31) 201261635880 P
(11) EP3131209	(32) 28.10.2009	(32) 20.04.2012
(21) EP16183202.7	(33) Korea (Republic)	(33) United States of America
(22) 08.08.2016	(47) 20.03.2019	(47) 27.02.2019
(54) NFC ANTENNA ARCHITECTURE FOR MOBILE COMMUNICATION DEVICE WITH SINGLE-PIECE METAL HOUSING	(51) H04B 10/2575	(51) H04J 13/00
(73) Motorola Mobility LLC	H04W 88/08	H04B 1/707
(72) OLGUN, Ugur	H04W 56/00	H04J 1/00
ABDUL-GAFFOOR, Mohammed	(11) EP3228027	H04L 1/16
SAYEM, Abu T	(21) EP14806239.1	H04L 1/00
SMITH, Hugh K	(22) 01.12.2014	H04L 5/00
(74) ir. C.M. Jansen c.s.	(54) WIRELESS COMMUNICATION NETWORK APPARATUS AND METHOD OF TRANSMITTING	H04B 1/7075
(31) 201514824240	COMMUNICATIONS TRAFFIC IN SIMPLE FORMAT	H04J 11/00
(32) 12.08.2015	(73) Telefonaktiebolaget LM Ericsson (publ)	H04L 27/00
(33) United States of America	(72) GIORGI, Luca	H04W 24/02
(47) 27.02.2019	PONZINI, Filippo	H04W 72/04
(51) H04B 7/005	CAVALIERE, Fabio	(11) EP3203664
H04W 52/14	TROJER, Elmar	(21) EP17162994.2
H04W 52/36	(74) ir. J.M.G. Dohmen c.s.	(22) 12.08.2008
H04W 52/50	(47) 20.02.2019	(54) RADIO TRANSMISSION DEVICE AND RADIO TRANSMISSION METHOD
H04W 24/08	(51) H04B 10/50	(73) Godo Kaisha IP Bridge 1
H04W 24/04	(11) EP2942886	(72) NAKAO, Seigo
H04W 74/00	(21) EP15166630.2	IMAMURA, Daichi
H04L 1/20	(22) 06.05.2015	OGAWA, Yoshihiko
H04W 74/08	(54) A SINGLE LASER MULTI-FREQUENCY TRANSMITTER	MATSUMOTO, Atsushi
H04W 72/14	(73) Ranovus Inc.	HIRAMATSU, Katsuhiko
(11) EP2580872	(72) NICHOLSON, David	(74) ir. J.C. Volmer c.s.
(21) EP10853318.3	LOGAN, Dylan	(31) 2007211101
(22) 14.06.2010	BECKETT, Douglas	2007280797
(54) METHOD AND ARRANGEMENT IN A COMMUNICATION NETWORK	HUTCHINS, Jeffrey	(32) 13.08.2007
(73) Telefonaktiebolaget LM Ericsson (publ)	(74) mr. dr. H.D. Dokter	29.10.2007
(72) AMIRIJOO, Mehdi	(31) 201414273240	(33) Japan
GUNNARSSON, Fredrik	(32) 08.05.2014	Japan
ANDRÉN, Filip	(33) United States of America	(47) 06.03.2019
(74) J.M.H. Duyver lic.	(47) 09.01.2019	(51) H04L 1/00
(47) 27.02.2019	(51) H04H 60/80	H04B 7/06
(51) H04B 7/06	H04H 60/82	H04L 1/16
(11) EP2727259	(11) EP2744129	H04W 74/08
(21) EP12735731.7	(21) EP13193371.5	H04W 84/12
(22) 29.06.2012	(22) 18.11.2013	(11) EP3281323
(54) ASYMMETRIC PERTURBATION METHOD FOR A MOBILE TRANSMIT DIVERSITY COMMUNICATION DEVICE	(54) System for distributing and selecting multiple audio and/or video streams to active peripheral devices from a home server device	(21) EP16718767.3
(73) Google LLC	(73) Freebox SAS	(22) 02.04.2016
(72) WANG, Sherwin	(72) Pouillon, Nicolas	(54) WI-FI FRAMES INCLUDING FRAME EXTENSIONS
(74) ir. H.J.G. Lips c.s.	Fliedel, Romain	(73) Qualcomm Incorporated
(31) 201161503932 P	(74) J.M.H. Duyver lic.	(72) BHARADWAJ, Arjun
(32) 01.07.2011	(31) 1261861	TIAN, Bin
(33) United States of America	(32) 11.12.2012	VERMANI, Sameer
(47) 06.03.2019	(33) France	KIM, Youhan
(51) H04B 7/06	(47) 09.01.2019	PATI, Vishvabhusan
H04W 52/02	(51) H04J 11/00	(74) ir. M.F.J.M. Ketelaars c.s.
H04L 1/16	H04B 7/26	(31) 201562144216 P
H04W 52/26	(11) EP2847900	201562151399 P
(11) EP3070984	(21) EP13778865.9	201562152008 P
(21) EP16163967.9	(22) 19.04.2013	201615088113
(22) 28.10.2010	(54) METHOD AND APPARATUS FOR RECEIVING DOWNLINK DATA IN A WIRELESS COMMUNICATION SYSTEM	(32) 07.04.2015
(54) POWER SAVING METHOD IN WIRELESS COMMUNICATION SYSTEM	(73) LG Electronics Inc.	22.04.2015
(73) Electronics and Telecommunications Research Institute		23.04.2015
		01.04.2016
		(33) United States of America
		United States of America
		United States of America
		United States of America

(47) 06.02.2019	Seo, Dong Youn	(54) PRECODING APPARATUS FOR PILOT CONTAMINATION
(51) H04L 1/00	Kim, Eun Sun	(73) Alcatel Lucent
H04L 1/18	(74) J.M.H. Duyver lic.	(72) ASHIKHMIN, Alexei
H04L 1/16	(31) 895709 P	MARZETTA, Thomas, L.
(11) EP2378693	915099 P	(74) ir. W.J.J.M. Kempes
(21) EP11168917.0	945585 P	(31) 201113329834
(22) 21.09.2009	20070089202	(32) 19.12.2011
(54) Multiple carrier acknowledgment signaling	978398 P	(33) United States of America
(73) Telefonaktiebolaget LM Ericsson (publ)	(32) 19.03.2007	(47) 16.01.2019
(72) Bergman, Johan	30.04.2007	(51) H04L 5/00
Wang, Yi-Pin Eric	21.06.2007	H04W 56/00
Larsson, Erik	03.09.2007	(11) EP3113536
(74) ir. J.M.G. Dohmen c.s.	08.10.2007	(21) EP14886560.3
(31) 99341 P	(33) United States of America	(22) 20.03.2014
101288 P	United States of America	(54) BASE STATION AND METHOD FOR MEASURING CARRIER AGGREGATION BETWEEN BASE STATIONS
502506	United States of America	(73) Huawei Technologies Co., Ltd.
(32) 23.09.2008	Korea (Republic)	(72) ZHANG, Hongping
30.09.2008	United States of America	ZENG, Qinghai
14.07.2009	(47) 27.02.2019	(74) ir. W.J.J.M. Kempes
(33) United States of America	(51) H04L 5/00	(47) 16.01.2019
United States of America	(11) EP3353940	(51) H04L 5/00
United States of America	(21) EP16775350.8	H04W 76/28
(47) 02.01.2019	(22) 21.09.2016	(11) EP3203676
(51) H04L 1/18	(54) COMMUNICATION TERMINAL, SYSTEM NODE AND METHODS THEREIN	(21) EP17158267.9
(11) EP2208301	(73) Telefonaktiebolaget LM Ericsson (PUBL)	(22) 12.08.2011
(21) EP08836684.4	(72) BERGSTRÖM, Mattias	(54) DISCONTINUOUS RECEPTION FOR CARRIER AGGREGATION
(22) 29.09.2008	CALLENDER, Christopher	(73) Nokia Solutions and Networks Oy
(54) METHOD AND APPARATUS FOR PCDP DISCARD	RAHMAN, Imadur	(72) Wu, Chunli
(73) InterDigital Patent Holdings, Inc.	KAZMI, Muhammad	Sebire, Benoist Pierre
(72) SAMMOUR, Mohammed	(74) ir. C.M. Jansen c.s.	(74) ir. W.J.J.M. Kempes
TERRY, Stephen, E.	(31) 201562232531 P	(47) 02.01.2019
(74) ir. M.F.J.M. Ketelaars c.s.	(32) 25.09.2015	(51) H04L 9/00
(31) 976674 P	(33) United States of America	H04L 9/32
(32) 01.10.2007	(47) 06.03.2019	H04L 9/08
(33) United States of America	(51) H04L 5/00	G06F 21/62
(47) 09.01.2019	H04L 1/18	H04L 9/08
(51) H04L 5/00	H04L 1/00	(11) EP2991266
(11) EP2241049	(11) EP2955969	(21) EP14788997.6
(21) EP09700636.5	(21) EP15176677.1	(22) 23.04.2014
(22) 08.01.2009	(22) 21.03.2008	(54) ENCRYPTED TEXT MATCHING SYSTEM, METHOD, AND COMPUTER READABLE MEDIUM
(54) SOUNDING REFERENCE SIGNAL ARRANGEMENT	(54) TRANSMISSION OF DOWNLINK ACK/NACK SIGNALS	(73) NEC Corporation
(73) HMD global Oy	(73) Optis Wireless Technology, LLC	(72) ISSHIKI, Toshiyuki
(72) HOOLI, Kari Juhani	(72) FUKUOKA, Masaru	MORI, Kengo
PAJUKOSKI, Kari Pekka	NISHIO, Akihiko	ARAKI, Toshinori
THIROLA, Esa Tapani	NAKAO, Seigo	(74) ir. J.C. Volmer c.s.
(74) drs. C.M.A. Quintelier	GOLITSCHKE EDLER VON ELBWART, Alexander	(31) 2013091466
(31) 6364	(74) ir. C.M. Jansen c.s.	(32) 24.04.2013
6901	(31) 2007077502	(33) Japan
(32) 08.01.2008	2007120853	(47) 27.02.2019
05.02.2008	2007211104	(51) H04L 12/14
(33) United States of America	(32) 23.03.2007	(11) EP1775883
United States of America	01.05.2007	(21) EP06020520.0
(47) 06.03.2019	13.08.2007	(22) 29.09.2006
(51) H04L 5/00	(33) Japan	(54) Accounting based on active packet time
(11) EP2372941	Japan	(73) Alcatel Lucent
(21) EP11171776.5	Japan	(72) Ang, Soon Teck Gibson
(22) 19.03.2008	(47) 16.01.2019	Jiang, Min
(54) A resource allocation method and a method for transmitting/receiving resource allocation information in mobile communication system	(51) H04L 5/00	Chen, Xian
(73) LG Electronics Inc.	H04L 27/26	King, Ma
(72) Lee, Dae Won	H04L 25/03	(74) ir. W.J.J.M. Kempes
Yun, Young Woo	(11) EP2795858	(31) 726427 P
Kim, Ki Jun	(21) EP12787246.3	477617
Yoon, Suk Hyon	(22) 25.10.2012	(32) 13.10.2005
Ahn, Joon Kui		

30.06.2006	(74) ir. W.J.J.M. Kempes	(47) 26.12.2018
(33) United States of America	(31) 13196340	(51) H04L 29/06
United States of America	(32) 09.12.2013	(11) EP1737180
(47) 23.01.2019	(33) European Patent Office (EPO)	(21) EP05396019.1
(51) H04L 12/16	(47) 20.02.2019	(22) 06.06.2005
H04M 3/42	(51) H04L 12/823	(54) System and method for processing data records in a mediation system
H04L 9/32	H04L 12/70	(73) Comptel Corporation
H04L 12/66	H04L 12/12	(72) Kall, Johan
H04L 12/58	H04W 52/02	(74) ir. W.J.J.M. Kempes
H04L 29/08	G06F 1/32	(47) 26.12.2018
(11) EP2730055	(11) EP2832051	(51) H04L 29/06
(21) EP12822945.7	(21) EP12873215.3	(11) EP2347557
(22) 02.08.2012	(22) 31.03.2012	(21) EP09775007.9
(54) HYBRID UNIFIED COMMUNICATIONS DEPLOYMENT BETWEEN CLOUD AND ON-PREMISE	(54) METHOD, DEVICE, AND SYSTEM FOR DELAYING PACKETS DURING A NETWORK-TRIGGERED WAKE OF A COMPUTING DEVICE	(22) 12.11.2009
(73) Microsoft Technology Licensing, LLC	(73) Intel Corporation	(54) SYSTEMS AND METHODS FOR APPLICATION FLUENCY POLICIES
(72) MANIAN, Vijay	(72) BOELTER, Joshua	(73) Citrix Systems, Inc.
PENAR, Russell Andrew	(74) ir. W.J.J.M. Kempes	(72) SINHA, Rajiv
SEKARAN, Mahendra D.	(47) 23.01.2019	GUPTA, Minoo
LEVIN, Danny	(51) H04L 25/02	KHEMANI, Prakash
NARAYANAN, Sankaran	(11) EP2661032	LARIBI, Youcef
KUNTZ, Roy	(21) EP12170195.7	ORLANDO, Salvatore
(74) ir. C.M. Jansen c.s.	(22) 31.05.2012	GARG, Sovit
(31) 201113207370	(54) Transmitter circuit and method for operating said circuit	GUPTA, Sanjay
(32) 10.08.2011	(73) Infineon Technologies AG	GOYAL, Raghu
(33) United States of America	(72) Hell, Magnus-Maria	(74) ir. J.D. de Zeeuw
(47) 20.02.2019	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 113766 P
(51) H04L 12/24	(31) 201213463858	(32) 12.11.2008
H04L 12/26	(32) 04.05.2012	(33) United States of America
(11) EP2873195	(33) United States of America	(47) 09.01.2019
(21) EP12743284.7	(47) 26.12.2018	(51) H04L 29/06
(22) 13.07.2012	(51) H04L 27/26	G06F 17/30
(54) METHOD AND SYSTEM FOR PERFORMANCE MEASUREMENT OF A COMMUNICATION LINK	H04L 25/03	(11) EP1599013
(73) ASSIA SPE, LLC	(11) EP2865153	(21) EP05103215.9
(72) YUN, Sungho	(21) EP13809004.8	(22) 21.04.2005
GARCIA HERNANDEZ, Carlos	(22) 25.06.2013	(54) DISTRIBUTED HOSTING OF WEB CONTENT USING PARTIAL REPLICATION
BALAKRISHNAN, Manikanden	(54) MODULATION AND EQUALIZATION IN AN ORTHONORMAL TIME-FREQUENCY SHIFTING COMMUNICATIONS SYSTEM	(73) Microsoft Technology Licensing, LLC
RHEE, Wonjong	(73) Cohere Technologies, Inc.	(72) Zhang, Cha
(74) ir. H.J.G. Lips c.s.	(72) RAKIB, Shlomo Selim	Li, Jin
(47) 02.01.2019	HADANI, Ronny	(74) ir. M.F.J.M. Ketelaars c.s.
(51) H04L 12/46	(74) ir. M.F.J.M. Ketelaars c.s.	(31) 845625
H04W 88/08	(31) 201261664020 P	(32) 14.05.2004
H04W 92/12	201361801398 P	(33) United States of America
(11) EP3139699	201361801366 P	(47) 16.01.2019
(21) EP14892683.5	201361801435 P	(51) H04L 29/06
(22) 21.05.2014	201361801495 P	H04L 9/32
(54) DATA TRANSMISSION METHOD AND DEVICE, AND NETWORK SYSTEM	201361801994 P	H04L 9/08
(73) Huawei Technologies Co. Ltd.	201361801968 P	H04W 12/04
(72) CHENG, Hao	(32) 25.06.2012	H04W 12/06
LU, Zuomin	15.03.2013	H04N 21/238
(74) ir. W.J.J.M. Kempes	15.03.2013	(11) EP2388969
(47) 16.01.2019	15.03.2013	(21) EP10188836.0
(51) H04L 12/761	15.03.2013	(22) 26.10.2010
H04L 29/06	15.03.2013	(54) METHOD FOR AUTHENTICATING AND REGISTERING DEVICES, DEVICE, DATABASE MANAGEMENT COMPONENT
H04L 12/707	15.03.2013	(73) BlackBerry Limited
(11) EP3080957	(33) United States of America	(72) Steer, David G.
(21) EP14809837.9	United States of America	Mccann, Stephen
(22) 08.12.2014	United States of America	Yu, Dongsheng
(54) ESTABLISHING A DATA TRANSFER CONNECTION	United States of America	(74) ir. F.E. Hoeben
(73) Université catholique de Louvain	United States of America	(31) 781585
(72) DETAL, Gregory	United States of America	(32) 17.05.2010
BONAVENTURE, Olivier	United States of America	(33) United States of America
PAASCH, Christoph	United States of America	

- (47) 26.12.2018
 (51) H04L 29/06
 H04L 29/08
 (11) EP2510668
 (21) EP10795274.9
 (22) 09.12.2010
 (54) MEASURING CALL QUALITY
 (73) Skype
 (72) RODBRO, Christoffer Asgaard
 MAHRT, Ole
 ORUAAS, Mart
 VELENKO, Mihails
 (74) ir. C.M. Jansen c.s.
 (31) 0921640
 (32) 10.12.2009
 (33) United Kingdom
 (47) 23.01.2019
-
- (51) H04L 29/06
 H04L 29/08
 G06F 21/60
 (11) EP3281379
 (21) EP16717023.2
 (22) 31.03.2016
 (54) SYSTEM AND METHOD FOR
 DELEGATION OF CLOUD COMPUTING
 PROCESSES
 (73) PCMS Holdings, Inc.
 (72) OLLIKAINEN, Ville J.
 KYLÄNPÄÄ, Markku
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201562145959 P
 (32) 10.04.2015
 (33) United States of America
 (47) 09.01.2019
-
- (51) H04L 29/06
 H04M 1/725
 (11) EP2337303
 (21) EP10015724.7
 (22) 16.12.2010
 (54) Network-based service access for wireless
 communication devices
 (73) Sony Mobile Communications Inc.
 (72) Angle, Travis
 Dzuban, Daniel
 Gibbs, Graeme, M.
 Griffin, Jeffrey
 Karlsson, Joachim
 Meyer, Seneca, D.
 Norbury, Kenneth, Douglas
 (74) ir. C.M. Jansen c.s.
 (31) 287343 P
 791292
 (32) 17.12.2009
 01.06.2010
 (33) United States of America
 United States of America
 (47) 23.01.2019
-
- (51) H04L 29/06
 H04N 21/41
 H04L 29/08
 H04N 21/436
 H04N 21/422
 (11) EP3005649
 (21) EP14734696.9
 (22) 06.06.2014
 (54) SYSTEMS, METHODS, AND MEDIA FOR
 PRESENTING MEDIA CONTENT
 (73) Google LLC
- (72) BAKAR, Majd
 TSUI, Francis
 AFFAKI, John
 KIM, Byungchul
 (74) ir. H.J.G. Lips c.s.
 (31) 201361831887 P
 201361831915 P
 (32) 06.06.2013
 06.06.2013
 (33) United States of America
 United States of America
 (47) 13.03.2019
-
- (51) H04L 29/06
 H04W 4/50
 (11) EP2392088
 (21) EP10736342.6
 (22) 27.01.2010
 (54) SECURITY TECHNIQUES FOR DEVICE
 ASSISTED SERVICES
 (73) Headwater Research LLC
 (72) RALEIGH, Gregory, G.
 (74) ir. P.J. Hylarides c.s.
 (31) 207393 P
 252151 P
 206354 P
 380780
 207739 P
 206944 P
 (32) 10.02.2009
 15.10.2009
 28.01.2009
 02.03.2009
 13.02.2009
 04.02.2009
 (33) United States of America
 United States of America
 United States of America
 United States of America
 United States of America
 United States of America
 (47) 26.12.2018
-
- (51) H04L 29/06
 H04W 28/06
 (11) EP2548352
 (21) EP10729936.4
 (22) 19.03.2010
 (54) DATA COMMUNICATION SYSTEM AND
 METHOD
 (73) Mobile Devices Ingenierie
 (72) ZARKA, Julien
 DE PHILY, Vincent
 SOLOMON, Aaron
 (74) J.M.H. Duyver lic.
 (47) 06.03.2019
-
- (51) H04L 29/06
 H04W 52/00
 (11) EP2909990
 (21) EP13785748.8
 (22) 18.10.2013
 (54) DECODING COMPLEXITY FOR MOBILE
 MULTIMEDIA STREAMING
 (73) VID SCALE, Inc.
 (72) LOTFALLAH, Osama
 ASBUN, Eduardo
 LIU, Hang
 REZNIK, Yuriy
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201261715466 P
- (32) 18.10.2012
 (33) United States of America
 (47) 16.01.2019
-
- (51) H04L 29/06
 H04W 80/10
 H04W 88/02
 H04W 8/26
 (11) EP2294890
 (21) EP09735231.4
 (22) 16.04.2009
 (54) METHODS TO ROUTE A BEARER VIA
 CIRCUIT SWITCHING TO AN INTERNET
 PROTOCOL MULTIMEDIA SYSTEM
 NODE USING SESSION INITIATION
 PROTOCOL CONTACT HEADER
 (73) BlackBerry Limited
 (72) BUCKLEY, Adrian
 ALLEN, Andrew
 BAKKER, John-Luc
 (74) ir. F.E. Hoeben
 (31) 110124
 (32) 25.04.2008
 (33) United States of America
 (47) 26.12.2018
-
- (51) H04L 29/06
 H04W 92/02
 H04W 92/24
 H04L 29/12
 (11) EP1972128
 (21) EP06820126.8
 (22) 11.12.2006
 (54) A COMMUNICATION METHOD, A
 SYSTEM AND A NAME RESOLVING
 SYSTEM
 (73) Telia Company AB
 (72) KORHONEN, Jouni
 JALKANEN, Tero
 (74) ir. C.M. Jansen c.s.
 (31) 20065018
 (32) 11.01.2006
 (33) Finland
 (47) 30.01.2019
-
- (51) H04L 29/08
 (11) EP2140665
 (21) EP07872102.4
 (22) 24.12.2007
 (54) DETECTION OF COMMUNICATION
 STATES
 (73) Skype
 (72) TUUBEL, Tauri
 RICE, Liz
 JOHN, Stuart
 KONNUSSAAR, Teet
 TOLAN, Jill
 (74) ir. C.M. Jansen c.s.
 (31) 0706074
 (32) 28.03.2007
 (33) United Kingdom
 (47) 23.01.2019
-
- (51) H04L 29/08
 G06F 9/50
 H04L 12/26
 H04L 12/851
 H04L 12/923
 H04L 12/911
 (11) EP2981045
 (21) EP15179241.3
 (22) 31.07.2015

(54) GATEWAY AND METHOD OF CONTROLLING DATA TRANSMISSION OF AN EXTERNAL APPARATUS CONNECTED TO A GATEWAY	19.05.1999 20.08.1999 27.08.1999 29.10.1999	H04N 101/00 G06F 3/041 G06F 3/0488
(73) Samsung Electronics Co., Ltd	(33) Germany	(11) EP2965504
(72) LEE, Jae-keun	Germany	(21) EP13737466.6
(74) ir. M.F.J.M. Ketelaars c.s.	Germany	(22) 19.06.2013
(31) 20140098648	Germany	(54) METHOD AND APPARATUS FOR CAMERA CONTROL USING A VIRTUAL BUTTON AND GESTURES
20140161633	Germany	(73) Thomson Licensing
20150043304	(47) 16.01.2019	(72) VOSS, Neil
(32) 31.07.2014	(51) H04M 3/42	(74) ir. M.F.J.M. Ketelaars c.s.
19.11.2014	H04L 12/58	(31) 201361775391 P
27.03.2015	H04M 7/00	(32) 08.03.2013
(33) Korea (Republic)	(11) EP2947861	(33) United States of America
Korea (Republic)	(21) EP15169020.3	(47) 02.01.2019
Korea (Republic)	(22) 22.05.2015	(51) H04N 5/60
(47) 30.01.2019	(54) SYSTEM AND METHOD OF PROVIDING VOICE-MESSAGE CALL SERVICE	H04N 21/434
(51) H04L 29/08	(73) Samsung Electronics Co., Ltd	H04N 21/439
H04W 4/20	(72) KIM, Seon-ae	H04N 21/4363
H04L 12/58	KIM, Hong-chul	H04N 21/81
H04W 4/21	SHIN, Hyun-jae	(11) EP2876874
(11) EP2582116	(74) ir. M.F.J.M. Ketelaars c.s.	(21) EP14189646.4
(21) EP12005729.4	(31) 20140062569	(22) 21.10.2014
(22) 07.08.2012	20150071231	(54) APPARATUS FOR DISPLAYING IMAGE AND DRIVING METHOD THEREOF, APPARATUS FOR OUTPUTTING AUDIO AND DRIVING METHOD THEREOF
(54) Social network device memberships and applications	(32) 23.05.2014	(73) Samsung Electronics Co., Ltd
(73) Avago Technologies International Sales Pte. Limited	21.05.2015	(72) KIM, Je-ik
(72) Rajakarunanayake, Yasantha Bennett, James	(33) Korea (Republic)	(74) ir. M.F.J.M. Ketelaars c.s.
(74) ir. M.F.J.M. Ketelaars c.s.	Korea (Republic)	(31) 20130143130
(31) 201161545147 P	(47) 06.02.2019	(32) 22.11.2013
201213342301	(51) H04M 11/02	(33) Korea (Republic)
(32) 08.10.2011	(11) EP2456187	(47) 02.01.2019
03.01.2012	(21) EP11008252.6	(51) H04N 9/67
(33) United States of America	(22) 13.10.2011	(11) EP1737246
United States of America	(54) Method for setting up a house communication system comprising at least one door station and at least one residence station	(21) EP06252906.0
(47) 23.01.2019	(73) ABB AG	(22) 06.06.2006
(51) H04M 1/02	(72) Bigalke, Olaf	(54) Color reproduction apparatus having plural color reproduction ranges and a color signal-processing method therefor
H04M 19/04	Platte, Jörg	(73) Samsung Electronics Co., Ltd.
(11) EP2869539	Kruppa, Christian	(72) Shin, Yoon-cheol
(21) EP14191690.8	Zapp, Robert	Choi, Dong-bum
(22) 04.11.2014	Schramm, Peter	(74) ir. M.F.J.M. Ketelaars c.s.
(54) An electronic device with curved bottom	(74) ir. W.J.J.M. Kempes	(31) 20050053494
(73) Samsung Electronics Co., Ltd	(31) 102010051837	(32) 21.06.2005
(72) Kim, Byung-Soo	(32) 18.11.2010	(33) Korea (Republic)
(74) ir. M.F.J.M. Ketelaars c.s.	(33) Germany	(47) 02.01.2019
(31) 20130133220	(47) 02.01.2019	(51) H04N 19/105
(32) 04.11.2013	(51) H04M 11/02	(11) EP3253056
(33) Korea (Republic)	H04N 7/18	(21) EP17177671.9
(47) 02.01.2019	G08B 15/00	(22) 26.02.2003
(51) H04M 1/27	(11) EP3220617	(54) MOVING PICTURE CODING METHOD AND MOVING PICTURE DECODING METHOD
(11) EP1838074	(21) EP17160809.4	(73) Panasonic Intellectual Property Corporation of America
(21) EP06025008.1	(22) 14.03.2017	(72) KONDO, Satoshi
(22) 12.05.2000	(54) DOOR COMMUNICATION SYSTEM, OUTSIDE DEVICE FOR A DOOR COMMUNICATION SYSTEM AND METHOD FOR OPERATING A DOOR COMMUNICATION SYSTEM	KADONO, Shinya
(54) Method for transmitting tokens and/or information from a transmitter apparatus to at least one receiver apparatus	(73) Idencom Germany GmbH	HAGAI, Makoto
(73) Pear AG	(72) ZENG, Qiuping	ABE, Kiyofumi
(72) Schütze, Petra	(74) ir. C.M. Jansen c.s.	(74) ir. W.J.J.M. Kempes
Scharmberg, Nils	(31) 102016204167	(31) 2002056919
(74) P.J. Pollard B.Eng	(32) 14.03.2016	2002118598
(31) 19922068	(33) Germany	2002193027
19923026	(47) 09.01.2019	(32) 04.03.2002
19940954	(51) H04N 5/232	
19941642		
19954032		
(32) 14.05.1999		

19.04.2002	Yang, En-Hui	H04N 21/643
02.07.2002	Martin-Cocher, Gaelle Christine	H04W 4/06
(33) Japan	(74) ir. F.E. Hoeben	(11) EP3026918
Japan	(47) 02.01.2019	(21) EP15828307.7
Japan	(51) H04N 19/503	(22) 29.07.2015
(47) 09.01.2019	H04N 19/159	(54) BROADCAST SIGNAL TRANSMISSION
(51) H04N 19/105	H04N 19/176	METHOD AND BROADCAST SIGNAL
(11) EP3253057	H04N 19/119	TRANSMISSION APPARATUS USING
(21) EP17177672.7	H04N 19/593	ENCAPSULATION IN LINK LAYER
(22) 26.02.2003	H04N 19/52	PACKETS
(54) MOVING PICTURE CODING METHOD	H04N 19/463	(73) LG Electronics Inc.
AND MOVING PICTURE DECODING	(11) EP2802146	(72) KWON, Woosuk
METHOD	(21) EP12857437.3	OH, Sejin
(73) Panasonic Intellectual Property Corporation	(22) 14.12.2012	MOON, Kyoungsoo
of America	(54) DYNAMIC IMAGE DECODING DEVICE,	(74) J.M.H. Duyver lic.
(72) KONDO, Satoshi	DYNAMIC IMAGE DECODING	(31) 201462031873 P
KADONO, Shinya	METHOD, AND DYNAMIC IMAGE	201462036610 P
HAGAI, Makoto	DECODING PROGRAM	(32) 01.08.2014
ABE, Kiyofumi	(73) JVC KENWOOD Corporation	12.08.2014
(74) ir. W.J.J.M. Kempes	(72) NAKAMURA, Hiroya	(33) United States of America
(31) 2002056919	FUKUSHIMA, Shigeru	United States of America
2002118598	TAKEHARA, Hideki	(47) 27.02.2019
2002193027	(74) J.M.H. Duyver lic.	(51) H04N 21/438
(32) 04.03.2002	(31) 2011276456	H04N 21/6405
19.04.2002	2011276457	H04N 21/845
02.07.2002	2011289287	H04N 21/2343
(33) Japan	2011289288	H04N 21/2662
Japan	(32) 16.12.2011	H04N 21/433
Japan	16.12.2011	(11) EP1487215
(47) 30.01.2019	28.12.2011	(21) EP04011403.5
(51) H04N 19/436	28.12.2011	(22) 13.05.2004
H04N 19/70	(33) Japan	(54) Fast start-up for digital video streams
H04N 19/46	Japan	(73) Microsoft Technology Licensing, LLC
H04N 19/597	Japan	(72) Baldwin, James Armand
H04N 19/176	Japan	Green, Dustin L.
H04N 19/119	(47) 27.02.2019	Grossman IV, John H.
H04N 19/61	(51) H04N 19/593	(74) J.M.H. Duyver lic.
H04N 19/174	H04N 19/46	(31) 460949
H04N 19/44	H04N 19/105	(32) 13.06.2003
H04N 19/13	(11) EP2654300	(33) United States of America
H04N 19/167	(21) EP11848087.0	(47) 27.02.2019
H04N 19/189	(22) 01.11.2011	(51) H04N 21/4788
(11) EP2903269	(54) MOVING IMAGE ENCODING DEVICE,	G06F 3/0488
(21) EP13842739.8	MOVING IMAGE DECODING DEVICE,	H04N 21/41
(22) 18.09.2013	MOVING IMAGE ENCODING METHOD	H04N 21/422
(54) IMAGE DECODING METHOD AND	AND MOVING IMAGE DECODING	G06F 3/0482
IMAGE DECODING APPARATUS	METHOD	H04M 1/725
(73) Velos Media International Limited	(73) Mitsubishi Electric Corporation	(11) EP3119066
(72) ESENLIK, Semih	(72) SUGIMOTO, Kazuo	(21) EP16179198.3
NARROSCHKE, Matthias	SEKIGUCHI, Shunichi	(22) 13.07.2016
WEDI, Thomas	(74) J.M.H. Duyver lic.	(54) OPERATION METHOD OF ELECTRONIC
(74) ir. C.M. Jansen c.s.	(31) 2010281743	DEVICE AND THE ELECTRONIC
(31) 201261705864 P	(32) 17.12.2010	DEVICE
(32) 26.09.2012	(33) Japan	(73) Samsung Electronics Co., Ltd.
(33) United States of America	(47) 06.03.2019	(72) CHOI, Ha-Young
(47) 02.01.2019	(51) H04N 19/89	KIM, Nan-Sook
(51) H04N 19/46	(11) EP2124456	KIM, Heang-Su
H04N 19/13	(21) EP09010864.8	(74) ir. P.J. Hylarides c.s.
H04N 19/127	(22) 11.05.2001	(31) 20150099920
H04N 19/436	(54) Video coding	(32) 14.07.2015
(11) EP2381685	(73) Nokia Technologies Oy	(33) Korea (Republic)
(21) EP10159788.8	(72) Hannuksela, Miska	(47) 30.01.2019
(22) 13.04.2010	(74) ir. W.J.J.M. Kempes	(51) H04Q 11/00
(54) Methods and devices for load balancing in	(31) 0011597	H04B 10/272
parallel entropy coding and decoding	(32) 15.05.2000	(11) EP3229486
(73) BlackBerry Limited	(33) United Kingdom	(21) EP16205690.7
(72) Korodi, Gergely Ferenc	(47) 02.01.2019	(22) 29.03.2012
He, Dake	(51) H04N 21/2381	

- (54) METHOD AND APPARATUS FOR DETECTING OPTICAL NETWORK UNIT, AND PASSIVE OPTICAL NETWORK SYSTEM
(73) Huawei Technologies Co., Ltd.
(72) WAN, Min
ZENG, Xiaofei
(74) ir. W.J.J.M. Kempes
(31) 201110077143
(32) 29.03.2011
(33) China
(47) 09.01.2019
-
- (51) H04R 1/02
H04R 5/02
H04R 31/00
H04N 5/64
(11) EP1307069
(21) EP02292569.7
(22) 17.10.2002
(54) Casing for an electronic device and process of assembly of such a casing
(73) InterDigital Madison Patent Holdings
(72) Sperle, Cornelius
Evenisse, Michel
Fremantau, Patrice
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 01125111
(32) 23.10.2001
(33) European Patent Office (EPO)
(47) 27.02.2019
-
- (51) H04R 11/02
H04R 25/00
H04R 1/10
(11) EP3248391
(21) EP16705670.4
(22) 04.02.2016
(54) BALANCED ARMATURE BASED VALVE
(73) Apple Inc.
(72) GRINKER, Scott C.
(74) ir. A.R. Aalbers
(31) 201562126396 P
201562265860 P
201615010759
(32) 27.02.2015
10.12.2015
29.01.2016
(33) United States of America
United States of America
United States of America
(47) 27.03.2019
-
- (51) H04S 7/00
(11) EP3162089
(21) EP15745010.7
(22) 24.06.2015
(54) DIRECTIONAL AUDIO NOTIFICATION
(73) Microsoft Technology Licensing, LLC
(72) HALL, Michael Anthony
MILLER, Joshua O.
(74) J.M.H. Duyver lic.
(31) 201414318439
(32) 27.06.2014
(33) United States of America
(47) 06.03.2019
-
- (51) H04S 7/00
H03G 3/00
H03G 3/30
G10L 19/008
- (11) EP3111677
(21) EP15754660.7
(22) 27.02.2015
(54) OBJECT-BASED AUDIO LOUDNESS MANAGEMENT
(73) DTS, Inc.
(72) MALAK, Fadi
KATSIANOS, Themis
JOT, Jean-Marc
(74) ir. C.M. Jansen c.s.
(31) 201461945734 P
201514632997
(32) 27.02.2014
26.02.2015
(33) United States of America
United States of America
(47) 02.01.2019
-
- (51) H04W 4/00
H04W 4/20
H04L 29/08
(11) EP1557053
(21) EP03779182.9
(22) 22.10.2003
(54) SHARING CONTENT WITH A REMOTE DEVICE USING A WIRELESS NETWORK
(73) Sony Mobile Communications Inc.
(72) DUNKO, Gregory, A.
LOHR, Jonathan, C.
(74) ir. C.M. Jansen c.s.
(31) 283631
(32) 30.10.2002
(33) United States of America
(47) 23.01.2019
-
- (51) H04W 4/00
H04W 36/14
H04W 88/06
H04L 29/14
H04L 29/06
H04W 84/18
H04M 1/60
H04M 1/725
H04W 76/14
H04W 4/80
H04W 76/18
H04W 4/50
(11) EP3063958
(21) EP14858773.6
(22) 02.11.2014
(54) A METHOD OF EXTENDING AN INTERCOM COMMUNICATION RANGE AND DEVICE THEREOF
(73) Cardo Systems, Ltd.
(72) GLEZERMAN, Abraham
MOATO, Abraham
(74) J.M.H. Duyver lic.
(31) 22921513
23034614
(32) 03.11.2013
06.01.2014
(33) Israel
Israel
(47) 27.02.2019
-
- (51) H04W 4/00
H04W 40/24
H04W 40/32
H04W 84/20
H04L 29/08
(11) EP3275217
- (21) EP16717985.2
(22) 24.03.2016
(54) COMMUNICATION METHOD WITHIN A DYNAMIC-DEPTH CLUSTER OF COMMUNICATING ELECTRONIC DEVICES, COMMUNICATING ELECTRONIC DEVICE IMPLEMENTING SAID METHOD AND ASSOCIATED SYSTEM
(73) Traxens
Institut National de Recherche en Informatique et en Automatique
(72) DARAGON, Pascal
GUZZO, Natale
NANDAGOBAN, Arulnambi
MITTON, Nathalie
(74) M.L. Huisman
(31) 1552522
(32) 25.03.2015
(33) France
(47) 02.01.2019
-
- (51) H04W 4/00
H04W 84/02
(11) EP2177059
(21) EP07769000.6
(22) 13.07.2007
(54) MATCHING USED AND ALLOWED RADIO ACCESS TECHNOLOGY TYPES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) BJÖRK, Niklas
KVERNVIK, Tor
LARSSON, Tony
LIDSTRÖM, Mattias
MATTI, Mona
(74) J.M.H. Duyver lic.
(47) 27.02.2019
-
- (51) H04W 4/46
H04W 72/00
H04W 72/04
H04W 4/02
H04L 29/08
H04L 12/24
H04W 16/10
H04W 64/00
H04W 4/00
H04W 84/04
H04W 76/14
H04W 28/16
H04W 28/26
H04W 4/08
H04W 74/04
H04W 84/18
H04W 84/20
(11) EP3042524
(21) EP13760015.1
(22) 06.09.2013
(54) CLUSTER-BASED RESOURCE ALLOCATION FOR VEHICLE-TO-VEHICLE COMMUNICATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) BRAHMI, Nadia
ASHRAF, Shehzad Ali
(74) ir. J.M.G. Dohmen c.s.
(47) 26.12.2018
-
- (51) H04W 8/00
(11) EP3013080
(21) EP15189845.9
(22) 14.10.2015

<p>(54) PAIRING APPARATUS AND METHOD THEREOF (73) Samsung Electronics Co., Ltd. (72) KIM, Tae-hoon LEE, Scott Seongwook CHO, Young-hoon HA, Tae-hyeun HYEON, Byeong-cheol (74) ir. M.F.J.M. Ketelaars c.s. (31) 20140143168 (32) 22.10.2014 (33) Korea (Republic) (47) 09.01.2019</p> <hr/> <p>(51) H04W 12/08 H04L 29/06 (11) EP2712238 (21) EP13004513.1 (22) 16.09.2013 (54) Method, network, system and devices for generalized access to telecommunication networks (73) Milano Teleport S.p.A. (72) Favaretto, Fabio Stainer, Carlo Gallo, Umberto Mossino, Nicola (74) ir. P.J. Hylarides c.s. (31) VE20120033 (32) 19.09.2012 (33) Italy (47) 09.01.2019</p> <hr/> <p>(51) H04W 12/10 H04W 36/00 H04L 29/06 G08C 17/02 H04W 72/12 H04W 88/02 H04W 88/08 H04W 28/02 H04L 12/811 (11) EP2028890 (21) EP08158885.7 (22) 24.06.2008 (54) Handover method with link failure recovery, wireless device and base station for implementing such method (73) LG Electronics Inc. (72) Fischer, Patrick (74) J.M.H. Duyver lic. (31) 955382 P (32) 12.08.2007 (33) United States of America (47) 02.01.2019</p> <hr/> <p>(51) H04W 16/04 H04W 16/24 H04W 92/20 H04B 7/02 H04L 5/00 H04J 11/00 H04B 17/327 H04B 7/022 (11) EP3117644 (21) EP15761460.3 (22) 13.03.2015 (54) METHOD AND APPARATUS FOR PERFORMING COORDINATED COMMUNICATION IN A COMMUNICATION SYSTEM</p>	<p>(73) Samsung Electronics Co., Ltd. (72) WON, Sung-Hwan LEE, Hyo-Jin OH, Jin-Young (74) ir. M.F.J.M. Ketelaars c.s. (31) 20140029729 20140040151 20140042830 20140093464 (32) 13.03.2014 03.04.2014 10.04.2014 23.07.2014 (33) Korea (Republic) Korea (Republic) Korea (Republic) Korea (Republic) (47) 06.03.2019</p> <hr/> <p>(51) H04W 24/02 H04W 16/18 (11) EP3022961 (21) EP13737593.7 (22) 15.07.2013 (54) METHOD AND APPARATUS FOR REDUCING CELL IDENTIFIER CONFLICTS WHEN DEPLOYING A NEW CELL INTO A TELECOMMUNICATIONS NETWORK (73) Telefonaktiebolaget LM Ericsson (publ) (72) MULLALLY, Cormac (74) ir. J.C. Volmer c.s. (47) 20.03.2019</p> <hr/> <p>(51) H04W 24/02 H04W 92/20 H04W 24/10 H04W 48/16 H04W 76/10 H04W 84/04 H04W 84/10 H04W 88/04 H04W 84/22 (11) EP3143793 (21) EP15726449.0 (22) 13.05.2015 (54) MULTI-EGRESS BACKHAUL (73) Parallel Wireless, Inc. (72) MEHTA, Pratik Vinod (74) drs. C.M.A. Quintelier (31) 201461992648 P (32) 13.05.2014 (33) United States of America (47) 26.12.2018</p> <hr/> <p>(51) H04W 28/02 H04L 12/857 H04W 4/70 H04W 88/16 (11) EP3149901 (21) EP14737048.0 (22) 02.06.2014 (54) METHOD AND CELLULAR NETWORK NODE FOR DETERMINING QOS OF A MESSAGE FOR A MTC DEVICE IN A CAPILLARY NETWORK (73) Telefonaktiebolaget LM Ericsson (publ) (72) SACHS, Joachim KERÄNEN, Ari RUNE, Johan ERIKSSON, Anders E</p>	<p>MILITANO, Francesco BEIJAR, Nicklas TSIATSIS, Vlasios (74) ir. J.C. Volmer c.s. (47) 13.03.2019</p> <hr/> <p>(51) H04W 28/02 H04L 29/06 H04L 29/08 H04W 4/00 H04W 8/20 H04W 12/08 H04W 12/06 H04W 40/24 (11) EP2983399 (21) EP14801674.4 (22) 16.05.2014 (54) METHOD, DEVICE, AND SYSTEM FOR PROXIMITY SERVICE AUTHORIZATION (73) Huawei Device (Dongguan) Co., Ltd. (72) GAO, Chenliang JIN, Hui OUYANG, Guowei (74) ir. W.J.J.M. Kempes (31) 201310188604 (32) 20.05.2013 (33) China (47) 16.01.2019</p> <hr/> <p>(51) H04W 28/02 H04W 88/08 H04W 4/00 H04W 48/08 H04W 84/04 H04W 88/02 H04L 29/12 H04L 29/06 H04L 29/08 (11) EP2919509 (21) EP13853156.1 (22) 07.11.2013 (54) METHOD AND DEVICE FOR HOSTING APPLICATION BY ACCESS NODE (73) Samsung Electronics Co., Ltd. (72) KANG, Seong-Ryong KIM, Jong-Hyune CHEONG, Dong-Jo CHO, Ki-Ho (74) ir. M.F.J.M. Ketelaars c.s. (31) 20120126013 (32) 08.11.2012 (33) Korea (Republic) (47) 02.01.2019</p> <hr/> <p>(51) H04W 28/06 H04L 12/805 H04L 12/853 H04L 12/825 H04L 12/841 (11) EP2647240 (21) EP10860285.5 (22) 30.11.2010 (54) METHOD AND ARRANGEMENT FOR DETERMINING AN AGGREGATION SCHEME IN A WIRELESS NETWORK. (73) Telefonaktiebolaget LM Ericsson (publ) (72) FRANKKILA, Tomas ZUO, Yang (74) ir. J.C. Volmer c.s. (47) 13.03.2019</p>
--	--	---

- (51) H04W 28/08
H04W 36/14
H04W 8/02
H04W 60/00
- (11) EP2941919
(21) EP14735198.5
(22) 02.01.2014
- (54) METHOD AND APPARATUS FOR NON-ACCESS STRATUM SIGNALING
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) WANG, Yu
BERGSTRÖM, Mattias
TEYEB, Oumer
PEISA, Janne
STATIN, Magnus
- (74) ir. J.C. Volmer c.s.
(31) 201361749501 P
(32) 07.01.2013
(33) United States of America
(47) 13.03.2019
-
- (51) H04W 36/00
(11) EP2870795
(21) EP12733132.0
(22) 06.07.2012
- (54) DELAYED HANDOVER SIGNALLING IN A MOBILE NETWORK
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) MIKLÓS, György
HARMATOS, János
STENFELT, John
YANG, Yong
- (74) ir. J.C. Volmer c.s.
(47) 20.03.2019
-
- (51) H04W 36/00
H04L 1/20
H04W 24/10
H04L 1/18
H04L 5/00
H04L 1/00
- (11) EP3171634
(21) EP17151090.2
(22) 09.11.2009
- (54) EVALUATION OF MEASUREMENT EVENTS IN A SYSTEM USING CARRIER AGGREGATION
- (73) Sharp Kabushiki Kaisha
- (72) YAMADA, Shohei
UEMURA, Katsunari
KATO, Yasuyuki
NAKASHIMA, Daiichiro
OH, Waho
- (74) ir. W.J.J.M. Kempes
(31) 2008332144
(32) 26.12.2008
(33) Japan
(47) 23.01.2019
-
- (51) H04W 36/00
H04L 5/00
H04W 72/04
- (11) EP3167653
(21) EP15738751.5
(22) 23.06.2015
- (54) STATISTICS-ASSISTED SCELL SELECTION
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) BOSTRÖM, Lisa
AXÉN, Rasmus
AXELSSON, Håkan
- (74) J.M.H. Duyver lic.
(31) 201414325037
(32) 07.07.2014
(33) United States of America
(47) 27.02.2019
-
- (51) H04W 36/00
H04W 4/00
H04L 29/08
H04W 36/10
H04W 88/08
H04W 88/18
H04L 12/801
H04L 12/815
- (11) EP2885944
(21) EP13830015.7
(22) 27.06.2013
- (54) MOBILE PROXY FOR CLOUD RADIO ACCESS NETWORK
- (73) Intel Corporation
- (72) NIU, Huaning
WU, Geng
YIN, Hujun
FONG, Mo-Han
- (74) ir. W.J.J.M. Kempes
(31) 201213587759
(32) 16.08.2012
(33) United States of America
(47) 16.01.2019
-
- (51) H04W 36/00
H04W 24/08
- (11) EP2783532
(21) EP12712420.4
(22) 22.03.2012
- (54) METHOD AND APPARATUS FOR EXCLUDING NON-MOBILITY DATA FROM MOBILITY KEY PERFORMANCE INDICATORS
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) GUNNARSSON, Fredrik
AMIRIJOO, Mehdi
ZETTERBERG, Kristina
MOE, Johan
OLIN, Birgitta
- (74) ir. J.C. Volmer c.s.
(31) 201161555785 P
(32) 04.11.2011
(33) United States of America
(47) 06.03.2019
-
- (51) H04W 36/00
H04W 88/06
- (11) EP2915364
(21) EP12790449.8
(22) 30.10.2012
- (54) METHODS AND APPARATUS FOR MAINTAINING INFORMATION REGARDING THE MOVEMENT OF USER TERMINALS
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) NYLANDER, Tomas
STÅLNACKE, Per-Daniel
- (74) J.M.H. Duyver lic.
(47) 27.02.2019
-
- (51) H04W 36/02
H04L 1/18
H04L 29/06
- (11) EP2658312
(21) EP13177565.2
(22) 18.07.2008
- (54) IN-ORDER DELIVERY OF DATA PACKETS DURING HANDOFF
- (73) Qualcomm Incorporated
- (72) Agashe, Parag Arun
Parekh, Nileskumar J.
Tinnakornsriruphap, Peerapol
Ulupinar, Fatih
Prakash, Rajat
Agrawal, Avneesh
Gillies, Donald William
Kapoor, Rohit
- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 951176 P
971500 P
972722 P
973095 P
175382
- (32) 20.07.2007
11.09.2007
14.09.2007
17.09.2007
17.07.2008
- (33) United States of America
United States of America
United States of America
United States of America
United States of America
-
- (51) H04W 36/18
(11) EP2189013
(21) EP07808884.6
(22) 11.09.2007
- (54) A METHOD OF DETERMINING THE ACTIVE SET IN A CELLULAR RADIO SYSTEM
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) FRIED, Tomas
GUNNARSSON, Fredrik
- (74) ir. J.C. Volmer c.s.
(47) 13.03.2019
-
- (51) H04W 36/30
H04W 36/38
- (11) EP2649842
(21) EP10860572.6
(22) 07.12.2010
- (54) HANDOVER IN A RADIO NETWORK
- (73) Telefonaktiebolaget LM Ericsson (publ)
- (72) KALLIN, Harald
OLIN, Birgitta
- (74) J.M.H. Duyver lic.
(47) 27.02.2019
-
- (51) H04W 36/30
H04W 48/12
H04W 24/10
H04W 36/00
H04W 36/18
H04W 48/16
H04W 68/00
- (11) EP2563069
(21) EP12194093.6
(22) 24.09.2010
- (54) Multi-carrier network operation
- (73) BlackBerry Limited
- (72) Burbidge, Richard Charles
Cai, Zhijun
Suzuki, Takashi
Earnshaw, Andrew Mark
Heo, Youn Hyoung

Xu, Hua	(32) 22.10.2012	(47) 13.03.2019
Li, Jun	(33) United States of America	(51) H04W 48/20
McBeath, Sean Michael	(47) 30.01.2019	H04W 74/08
Fong, Mo-Han	(51) H04W 48/08	H04W 84/04
(74) ir. F.E. Hoeben	(11) EP3193538	(11) EP2742739
(31) 246052 P	(21) EP16810915.5	(21) EP12822886.3
248150 P	(22) 01.06.2016	(22) 27.07.2012
293547 P	(54) NETWORK ACCESS METHOD, MOBILE	(54) METHOD FOR RANDOM ACCESS
(32) 25.09.2009	COMMUNICATION TERMINAL,	INTERFERENCE MITIGATION IN
02.10.2009	NETWORK SERVER, AND NETWORK	HETEROGENEOUS CELLULAR
08.01.2010	ACCESS SYSTEM	NETWORKS
(33) United States of America	(73) Guangdong Oppo Mobile	(73) BlackBerry Limited
United States of America	Telecommunications Corp., Ltd	(72) WENG, Jianfeng
United States of America	(72) CAO, Jun	GUO, Shiguang
(47) 02.01.2019	(74) ir. M.F.J.M. Ketelaars c.s.	GAO, Shiwei
(51) H04W 36/30	(31) 201510346888	FONG, Mo-Han
H04W 76/19	(32) 19.06.2015	HEO, Youn Hyoung
H04W 36/00	(33) China	EARNSHAW, Andrew Mark
(11) EP2876933	(47) 30.01.2019	(74) ir. F.E. Hoeben
(21) EP13819712.4	(51) H04W 48/12	(31) 201161521929 P
(22) 05.07.2013	H04W 72/04	201213458591
(54) MOBILE COMMUNICATION METHOD,	H04L 5/00	(32) 10.08.2011
AND MOBILE STATION	(11) EP2497326	27.04.2012
(73) NTT DOCOMO, INC.	(21) EP10827230.3	(33) United States of America
(72) UCHINO, Tooru	(22) 13.07.2010	United States of America
TAKAHASHI, Hideaki	(54) METHODS AND ARRANGEMENTS FOR	(47) 26.12.2018
HANAKI, Akihito	SYSTEM INFORMATION IN MULTIPLE	(51) H04W 52/02
HAPSARI, Wuri Andarmawanti	AGGREGATED CELLS IN A WIRELESS	H04W 24/02
AOYAGI, Kenichiro	COMMUNICATION SYSTEM	H04W 84/04
YABUKI, Shogo	(73) IDTP Holdings, Inc.	(11) EP3160192
(74) mr.ir. F.N. Ferro	(72) SÅGFORS, Mats	(21) EP15306700.4
(31) 2012161676	LINDSTRÖM, Magnus	(22) 23.10.2015
(32) 20.07.2012	BALDEMAIR, Robert	(54) A TELECOMMUNICATION
(33) Japan	(74) ir. P.J. Hylarides c.s.	CONTROLLER, AND METHOD OF
(47) 06.03.2019	(31) 257201 P	CONTROLLING MULTIPLE SMALL
(51) H04W 48/02	(32) 02.11.2009	CELL BASE STATIONS
H04W 28/02	(33) United States of America	(73) Alcatel Lucent
H04W 48/16	(47) 02.01.2019	(72) HO, Lester
H04W 76/10	(51) H04W 48/18	CLAUSSEN, Holger
(11) EP2988552	H04W 28/08	GACANIN, Harris
(21) EP13884532.6	(11) EP3354076	(74) ir. W.J.J.M. Kempes
(22) 13.05.2013	(21) EP16849098.5	(47) 30.01.2019
(54) ACCESS CONTROL METHOD AND	(22) 08.06.2016	(51) H04W 52/02
DEVICE	(54) TERMINAL AND METHOD FOR	H04W 72/12
(73) Huawei Technologies Co., Ltd.	INTER RAT ACCESS SELECTION IN A	(11) EP2673990
(72) GUO, Yali	COMMUNICATIONS NETWORK	(21) EP11705128.4
ZHANG, Wanqiang	(73) Telefonaktiebolaget LM Ericsson (publ)	(22) 11.02.2011
(74) ir. W.J.J.M. Kempes	(72) TAN BERGSTRÖM, Mattias	(54) USER EQUIPMENT BATTERY SAVING
(47) 16.01.2019	DUDDA, Torsten	IN A HETNET DEPLOYMENT WITH
(51) H04W 48/04	(74) ir. C.M. Jansen c.s.	EICIC
G06Q 30/02	(31) 201562232498 P	(73) BlackBerry Limited
H04W 4/02	(32) 25.09.2015	(72) YU, Yi
H04L 29/08	(33) United States of America	SONG, Yi
(11) EP2910049	(47) 27.02.2019	CAI, Zhijun
(21) EP13848606.3	(51) H04W 48/18	FONG, Mo-Han
(22) 02.07.2013	H04W 74/08	SUZUKI, Takashi
(54) MONITORING MEDIA EXPOSURE	H04W 72/04	(74) ir. F.E. Hoeben
FROM AUDIO SIGNALS	(11) EP2944125	(47) 26.12.2018
(73) The Nielsen Company (US), LLC	(21) EP13871039.7	(51) H04W 52/12
(72) JAIN, Anand	(22) 11.01.2013	H04W 52/36
STAVROPOULOS, John	(54) METHODS, APPARATUS, USER	H04W 52/08
NEUHAUSER, Alan	EQUIPMENT, WIRELESS NETWORK	H04W 52/14
LYNCH, Wendell	NODE, AND COMPUTER PROGRAM	H04W 52/22
KUZNETSOV, Vladimir	PRODUCT FOR RANDOM ACCESS	H04W 52/24
CRYSTAL, Jack	(73) Telefonaktiebolaget LM Ericsson (publ)	(11) EP2606686
GISH, David	(72) ZHANG, Zhang	(21) EP10856219.0
(74) ir. P.J. Hylarides c.s.	RAMOS, Edgar	(22) 16.08.2010
(31) 201213657380	(74) ir. J.C. Volmer c.s.	

- (54) METHOD AND APPARATUSES FOR POWER CONTROL USING VARIABLE STEP SIZE
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) CEA, Mauricio WIGREN, Torbjörn GOODWIN, Graham, C
 (74) ir. J.C. Volmer c.s.
 (47) 13.03.2019
-
- (51) H04W 52/22
 H04B 7/00
 H04W 52/08
 H04W 52/24
 H04W 52/28
 H04W 52/44
 (11) EP2544490
 (21) EP12187440.8
 (22) 23.10.2003
- (54) POWER CONTROL DURING A TRANSMISSION PAUSE
 (73) INTERDIGITAL TECHNOLOGY CORPORATION
 (72) Shin, Sung-Hyuk Zeira, Ariela Ozluturk, Fatih M. Grieco, Donald M.
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 425607 P 325772
 (32) 12.11.2002 19.12.2002
 (33) United States of America United States of America
 (47) 26.12.2018
-
- (51) H04W 52/36
 H04B 7/26
 H04W 52/34
 H04W 52/02
 (11) EP3128791
 (21) EP15772364.4
 (22) 31.03.2015
- (54) METHOD AND TERMINAL FOR TRANSMITTING POWER HEADROOM REPORT IN DUAL CONNECTION BETWEEN TERMINAL AND BASE STATION
 (73) LG Electronics Inc.
 (72) HWANG, Daesung YI, Yunjung AHN, Joonkui
 (74) ir. J.C. Volmer c.s.
 (31) 201461974992 P 201462002187 P 201462034793 P
 (32) 03.04.2014 23.05.2014 08.08.2014
 (33) United States of America United States of America United States of America
 (47) 20.03.2019
-
- (51) H04W 60/00
 H04W 24/04
 (11) EP3053392
 (21) EP14850796.5
 (22) 09.04.2014
- (54) A METHOD AND SYSTEM FOR USER EQUIPMENT BEHAVIOR IN MANUAL CSG SELECTION MODE
 (73) Samsung Electronics Co., Ltd.
 (72) DEVARAYANIGARI, Pavan Kumar BASAVARAJ, Dandra Prasad SHAH, Nitesh Pushpak SURISETTY, Vijay Ganesh CHINTHALAPUDI, Srinivas RAO, Prakash PRAKASH, Jaya
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 4493CH2013 CH44932013
 (32) 03.10.2013 23.01.2014
 (33) India India
 (47) 26.12.2018
-
- (51) H04W 72/04
 (11) EP2675231
 (21) EP13176667.7
 (22) 10.03.2010
- (54) Method and apparatus for selecting and reselecting an uplink primary carrier
 (73) Interdigital Patent Holdings, Inc.
 (72) Gauvreau, Jean-Louis Terry, Stephen E. Marinier, Paul Pan, Kyle Jung-Lin
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 159665 P 218271 P
 (32) 12.03.2009 18.06.2009
 (33) United States of America United States of America
 (47) 16.01.2019
-
- (51) H04W 72/04
 (11) EP3213574
 (21) EP15784681.7
 (22) 23.10.2015
- (54) TRANSMITTER AND RECEIVER FOR MULTIPLE CHANNEL OPERATION
 (73) Sony Corporation
 (72) MORIOKA, Yuichi
 (74) ir. W.J.J.M. Kempes
 (31) 14191328
 (32) 31.10.2014
 (33) European Patent Office (EPO)
 (47) 27.02.2019
-
- (51) H04W 72/04
 H04J 1/00
 H04J 11/00
 H04L 5/00
 H04L 1/00
 H04L 1/18
 (11) EP3297373
 (21) EP17197389.4
 (22) 30.10.2009
- (54) WIRELESS COMMUNICATION BASE STATION EQUIPMENT, WIRELESS COMMUNICATION TERMINAL DEVICE AND SEARCH SPACE SETTING METHOD
 (73) Godo Kaisha IP Bridge 1
 (72) NISHIO, Akihiko NAKAO, Seigo
 IMAMURA, Daichi HOSHINO, Masayuki
 (74) ir. J.C. Volmer c.s.
 (31) 2008281389
 (32) 31.10.2008
 (33) Japan
 (47) 27.03.2019
-
- (51) H04W 72/04
 H04J 11/00
 H04W 72/08
 (11) EP3247159
 (21) EP17174244.8
 (22) 25.06.2010
- (54) RADIO COMMUNICATION APPARATUSES AND RADIO COMMUNICATION METHOD
 (73) Sun Patent Trust
 (72) IWAI, Takashi NISHIO, Akihiko IMAMURA, Daichi OGAWA, Yoshihiko MATSUMOTO, Atsushi
 (74) ir. W.J.J.M. Kempes
 (31) 2009152647
 (32) 26.06.2009
 (33) Japan
 (47) 09.01.2019
-
- (51) H04W 72/04
 H04L 1/00
 H04L 5/00
 H04L 5/14
 (11) EP2962410
 (21) EP14757507.0
 (22) 26.02.2014
- (54) METHODS AND APPARATUSES FOR TRANSMITTING CONTROL CHANNEL DEPENDING ON UE CAPABILITY IN INTRA-CELL CARRIER AGGREGATION SYSTEM
 (73) Samsung Electronics Co., Ltd.
 (72) CHOI, Seunghoon JI, Hyoungju KIM, Youngbum CHO, Joonyoung
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 20130020455
 (32) 26.02.2013
 (33) Korea (Republic)
 (47) 13.02.2019
-
- (51) H04W 72/04
 H04W 28/18
 H04W 8/22
 (11) EP3242521
 (21) EP17174448.5
 (22) 26.08.2011
- (54) METHOD, COMPUTER MEDIUM AND APPARATUS FOR ENHANCED FLEXIBLE TIMESLOT ASSIGNMENT
 (73) BlackBerry Limited
 (72) FAURIE, René
 (74) ir. F.E. Hoeven
 (47) 02.01.2019
-
- (51) H04W 72/04
 H04W 74/08
 (11) EP3050381
 (21) EP13826783.6
 (22) 20.12.2013

(54) METHODS AND DEVICES FOR SCHEDULING	(73) Telefonaktiebolaget LM Ericsson (publ)	(47) 30.01.2019
(73) Telefonaktiebolaget LM Ericsson (publ)	(72) FRENGER, Pål	(51) H04W 88/04
(72) HUANG, Vincent	MOE, Johan	H04W 4/021
VOIGT, Lotta	GUNNARSSON, Fredrik	H04W 88/18
ANDERSSON, Eric	(74) ir. J.C. Volmer c.s.	(11) EP3028532
WITTBERG, Mikael	(47) 20.03.2019	(21) EP13794964.0
MATTI, Mona	(51) H04W 74/08	(22) 02.09.2013
SUN, Ying	H04W 72/14	(54) TERMINAL DEVICE HAVING A RELAY FUNCTION AND METHOD OF PROVIDING INFORMATION RELATED TO A RELAY FUNCTION
(74) ir. J.C. Volmer c.s.	H04W 72/12	(73) Sony Corporation
(31) 201361883697 P	H04W 72/04	(72) LJUNG, Rickard
(32) 27.09.2013	(11) EP3251460	ALNASHI, Saif
(33) United States of America	(21) EP16704702.6	(74) ir. C.M. Jansen c.s.
(47) 13.03.2019	(22) 28.01.2016	(31) PCT/IB2013/001650
(51) H04W 72/10	(54) SYSTEM AND METHOD FOR HANDLING UPLINK TRANSMISSIONS	(32) 30.07.2013
H04W 72/12	(73) Telefonaktiebolaget LM Ericsson (publ)	(33) World Intellectual Property Office (WIPO)
H04L 12/865	(72) BERGSTRÖM, Mattias Tan	(47) 23.01.2019
(11) EP3162146	SUSITAIVAL, Riikka	(51) H04W 88/06
(21) EP14739986.9	(74) ir. J.C. Volmer c.s.	H04W 76/18
(22) 26.06.2014	(31) 201562109267 P	H04B 17/318
(54) METHOD AND NETWORK ELEMENT FOR SCHEDULING	(32) 29.01.2015	H04W 76/19
(73) Telefonaktiebolaget LM Ericsson (publ)	(33) United States of America	H04W 4/80
(72) FU, Jing	(47) 13.03.2019	(11) EP3043618
SUN, Ying	(51) H04W 84/18	(21) EP14840344.7
(74) ir. J.C. Volmer c.s.	H04W 88/10	(22) 29.08.2014
(47) 06.03.2019	H04W 36/14	(54) ELECTRONIC DEVICE AND COMMUNICATION CONNECTING METHOD THEREOF
(51) H04W 72/12	(11) EP2901735	(73) Samsung Electronics Co., Ltd.
(11) EP3295753	(21) EP13842755.4	(72) HONG, Ji-Seon
(21) EP17701758.9	(22) 25.09.2013	CHILAKANTI, Veerabhadrapa
(22) 20.01.2017	(54) DYNAMIC MULTI-ACCESS WIRELESS NETWORK VIRTUALIZATION	KWON, Jun-Sik
(54) SYSTEMS AND METHODS FOR MULTIPLEXING SCHEDULING REQUESTS IN UNLICENSED BANDS	(73) Parallel Wireless Inc.	LEE, Joo-Hyung
(73) Telefonaktiebolaget LM Ericsson (publ)	(72) DONEPUDI, Sridhar	HAN, Eui-Bum
(72) CHENG, Jung-Fu	GARG, Sumit	(74) ir. M.F.J.M. Ketelaars c.s.
DRUGGE, Oskar	AGARWAL, Kaitki	(31) 20130104845
WIEMANN, Henning	MISHRA, Rajesh, Kumar	(32) 02.09.2013
KOORAPATY, Havish	PAPA, Steven, Paul	(33) Korea (Republic)
MUKHERJEE, Amitav	(74) drs. C.M.A. Quintelier	(47) 09.01.2019
(74) mr.ir. F.N. Ferro	(31) 201261705440 P	(51) H04W 92/20
(31) 201662281487 P	201261718503 P	H04W 84/10
(32) 21.01.2016	201261724963 P	(11) EP2498571
(33) United States of America	201261724964 P	(21) EP10826904.4
(47) 02.01.2019	201314034915	(22) 01.11.2010
(51) H04W 72/12	(32) 25.09.2012	(54) WIRELESS COMMUNICATION SYSTEM, LOW-POWER BASE STATION, HIGH-POWER BASE STATION, WIRELESS TERMINAL, AND WIRELESS COMMUNICATION METHOD
H04W 72/04	25.10.2012	(73) Kyocera Corporation
(11) EP3116281	10.11.2012	(72) YAMAZAKI, Chiharu
(21) EP16185950.9	24.09.2013	OKINO, Kenta
(22) 18.01.2013	(33) United States of America	(74) ir. M.F.J.M. Ketelaars c.s.
(54) NON-CONSECUTIVE SUBFRAMES IN MULTI-TTI SCHEDULING MESSAGES	United States of America	(31) 2009251669
(73) Telefonaktiebolaget LM Ericsson (publ)	United States of America	2010094500
(72) HAMMARWALL, David	United States of America	(32) 02.11.2009
LARSSON, Daniel	United States of America	15.04.2010
RAHMAN, Imadur	(47) 06.02.2019	(33) Japan
(74) ir. J.M.G. Dohmen c.s.	(51) H04W 84/20	Japan
(31) 201261740471 P	H04L 29/08	(47) 06.02.2019
(32) 21.12.2012	H04W 8/00	(51) H05B 1/02
(33) United States of America	(11) EP2519071	H01L 21/67
(47) 02.01.2019	(21) EP12162228.6	(11) EP2752081
(51) H04W 74/08	(22) 29.03.2012	(21) EP12772556.2
H04W 64/00	(54) Method and system for delegating group ownership in a wi-fi peer to peer network	(22) 30.08.2012
(11) EP2294887	(73) Samsung Electronics Co., Ltd.	(54) THERMAL ARRAY SYSTEM
(21) EP08779406.1	(72) Thangadorai, Kavin Kumar	
(22) 03.07.2008	(74) ir. M.F.J.M. Ketelaars c.s.	
(54) DETERMINING PREAMBLE SEQUENCES FOR RANDOM ACCESS	(31) CH15032011	
	(32) 30.04.2011	
	(33) India	

- (73) Watlow Electric Manufacturing Company (22) 14.07.2015
 (72) SWANSON, Cal T. (54) MANUFACTURING PRINTED CIRCUIT
 SCHMIDT, Phillip S. BOARDS USING UV FREE RADICAL
 (74) ir. J.M.G. Dohmen c.s. CURABLE INKJET INKS
 (31) 201161528939 P (73) AGFA-GEVAERT
 201261635310 P (72) TORFS, Rita
 (32) 30.08.2011 CANTERO, Gabriela
 19.04.2012 LOCCUFIER, Johan
 (33) United States of America VAN AERT, Hubertus
 United States of America (47) 26.12.2018
-
- (47) 06.03.2019 (51) H05K 7/14
 (51) H05B 3/14 H02B 1/052
 H05B 3/26 H01R 9/26
 (11) EP3133898 (11) EP3166373
 (21) EP16002158.0 (21) EP15193045.0
 (22) 06.10.2016 (22) 04.11.2015
 (54) THERMO-MANAGEMENT SYSTEM (54) CLAMP MODULE FOR ATTACHMENT
 INFRARED GRAPHENE BASIS TO A SUPPORTING RAIL
 (73) Baltaci, Emine (73) Selectron Systems AG
 (72) Beier, Gerhard (72) Wälti, Christian
 (74) ir. J.C. Volmer c.s. (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 102015013006 (47) 09.01.2019
 (32) 07.10.2015 (51) H05K 7/20
 (33) Germany F28F 3/04
 (47) 09.01.2019 F28F 13/18
 (51) H05B 33/08 F28F 21/08
 (11) EP1880583 F28F 23/00
 (21) EP06732989.6 F28D 15/04
 (22) 07.04.2006 F28D 15/02
 (54) METHODS AND APPARATUSES FOR H01L 23/427
 OPERATING GROUPS OF HIGH-POWER (11) EP3232752
 LEDS (21) EP16206920.7
 (73) eldoLAB Holding B.V. (22) 27.12.2016
 (72) CREMER, Antonius Jacobus Maria (54) COOLING ELECTRONIC DEVICES IN A
 SLOT, Machiel DATA CENTER
 (74) ir. J.C. Volmer c.s. (73) Google LLC
 (31) 1028728 (72) Farshchian, Soheil
 1029884 Samadiani, Emad
 1029943 (74) ir. H.Th. van den Heuvel c.s.
 (32) 08.04.2005 (31) 201662323276 P
 05.09.2005 201615208951
 13.09.2005 (32) 15.04.2016
 (33) Netherlands 13.07.2016
 Netherlands (33) United States of America
 Netherlands United States of America
 (47) 26.12.2018 (47) 20.02.2019
-
- (51) H05G 2/00 (51) H05K 13/04
 G02B 17/06 H05K 13/08
 B23K 26/06 (11) EP2925111
 (11) EP3248442 (21) EP12888918.5
 (21) EP15701173.5 (22) 20.11.2012
 (22) 21.01.2015 (54) DEVICE AND METHOD FOR
 (54) BEAM GUIDANCE DEVICE, EUV BEAM SUPPORTING MANAGEMENT
 GENERATION DEVICE AND METHOD OF ELECTRONIC COMPONENT
 FOR ADJUSTING A BEAM DIAMETER CONTAINER
 AND AN APERTURE ANGLE OF A (73) FUJI Corporation
 LASER BEAM (72) KATO Daisuke
 (73) TRUMPF Lasersystems for Semiconductor HANEDA Hiroyuki
 Manufacturing GmbH (74) ir. M.F.J.M. Ketelaars c.s.
 (72) LAMBERT, Martin (47) 13.02.2019
 ERGIN, Tolga
 SCHWARZBÄCK, Thomas
-
- (74) ir. W.J.J.M. Kempes
 (47) 09.01.2019
 (51) H05K 3/28
 C09D 11/101
 (11) EP3119170
 (21) EP15176707.6

EP4

**Voor Nederland verleende gewijzigde Europese octrooien.
Contains data concerning European patents granted in amended form (B2 or B3 publications).**

(51) A01F 15/04	(47) 03.12.2014
A01F 15/10	(51) C07D 307/46
(11) EP2584882	C07D 307/68
(21) EP11726203.0	(11) EP2784069
(22) 15.06.2011	(21) EP14172600.0
(54) TINE CONTROL FOR BALERS	(22) 14.05.2010
(73) Forage Company B.V.	(54) Oxidation of 5-alkoxy-furfural to 5-
(74) ir. C.M. Jansen c.s.	(alkoxycarbonyl)furan-2-carboxylic acid
(72) DUENWALD, Tom	(73) Archer-Daniels-Midland Company
REIJERSEN VAN BUUREN, Willem,	(72) Alexandra Sanborn
Jacobus	(31) 178301 P
BERGMANN, Thomas	(32) 14.05.2009
(31) 357159 P	(33) United States of America
(32) 22.06.2010	(47) 06.07.2016
(33) United States of America	(51) H05B 3/48
(47) 11.11.2015	F24H 3/00
(51) A47J 31/40	(11) EP2926623
A23F 5/08	(21) EP15705240.8
(11) EP1882432	(22) 10.02.2015
(21) EP06015331.9	(54) HEATING ELEMENT AND PROCESS
(22) 24.07.2006	HEATER
(54) Method for delivering faster a short coffee	(73) Sandvik Materials Technology Deutschland
extract from capsule	GmbH
(73) Nestec S.A.	(72) MANN, Markus
(72) Ohresser, Sylvia	KRAMER, Michael
Eichler, Paul	(31) 102014102474
Koch, Peter	(32) 25.02.2014
Raetz, Ernest	(33) Germany
(47) 14.07.2010	(47) 15.06.2016
(51) A61M 5/315	(51) H05B 6/64
(11) EP2641628	(11) EP2704526
(21) EP11841088.5	(21) EP13181967.4
(22) 16.11.2011	(22) 28.08.2013
(54) TWO-CHAMBERED CONTAINER-	(54) COOKING APPARATUS AND CONTROL
CUM-SYRINGE AND SYRINGE-FILLED	METHOD THEREOF
ARIPRAZOLE	(73) Samsung Electronics Co., Ltd
(73) ARTE CORPORATION	(72) Lim, Gyu Sik
Otsuka Pharmaceutical Co., Ltd.	Koo, Sun Hee
(72) KAKIUCHI Makoto	Baek, Chang Min
SHIMAZAKI Seiji	Cho, In Young
TAKESHIMA Yasuhiko	(31) 20120095286
HIRAOKA Shogo	20130008967
MAESAKA Tadayoshi	20130056086
(31) 2010256188	(32) 29.08.2012
(32) 16.11.2010	26.01.2013
(33) Japan	16.05.2013
(47) 29.07.2015	(33) Korea (Republic)
(51) B41F 13/08	Korea (Republic)
B41F 13/20	Korea (Republic)
F16C 13/02	(47) 30.03.2016
F16C 35/077	
(11) EP2412528	
(21) EP10171090.3	
(22) 28.07.2010	
(54) Method for repairing a cylinder and cylinder	
(73) Felix Böttcher GmbH & Co. KG	
(72) Macfarlane, Graham	
Pfeil, Thorsten	
Deussen, Jürgen	

EP5

Voor Nederland verleende gewijzigde Europese octrooien waarvoor een gewijzigde vertaling is ingediend .

Contains data concerning European patents granted for Netherlands and republished in amended form (B2 or B3 applications) in English and for which a translation in Dutch, was filed under the Dutch Patent Laws.

(51) A47L 15/00	GRIESSER, Ulrich	Pfaff, Johann
A47L 15/42	TISCHLER, Michaela	(74) J.M.H. Duyver lic.
(11) EP2263512	(74) ir. W.J.J.M. Kempes	(47) 22.07.2015
(21) EP09425235.0	(31) 07104275	(51) F16L 21/04
(22) 17.06.2009	(32) 15.03.2007	F16L 21/08
(54) Hood-type industrial dishwasher with improved filter assembly	(33) European Patent Office (EPO)	F16L 47/12
(73) Bonferraro S.p.A.	(47) 29.07.2015	B22F 3/22
(72) Gobbi, Ezio	(51) C08F 4/02	B22F 1/00
Piazza, Damiano	B01J 37/26	(11) EP2758700
(74) ir. A.R. Aalbers	B01J 27/12	(21) EP12766033.0
(47) 17.06.2015	B01J 31/12	(22) 17.09.2012
(51) B05B 13/06	(11) EP2651981	(54) PIPE CONNECTING DEVICE AND METHOD FOR PRODUCTION THEREOF
B05B 1/14	(21) EP11802343.1	(73) E. Hawle Armaturenwerke GmbH
B05B 3/02	(22) 14.12.2011	(72) LEHNER, Franz
B05B 7/04	(54) ACTIVATING SUPPORTS	FÜHRER, Gerhard
B05C 7/02	(73) Ineos Europe AG	(74) J.M.H. Duyver lic.
B01F 7/00	(72) CLAREMBEAU, Michel	(31) 13432011
B05B 1/04	PANNIER, Gaelle	(32) 19.09.2011
(11) EP2626142	PAYE, Stephane	(33) Austria
(21) EP12154513.1	(74) ir. F.A. Geurts c.s.	(47) 09.12.2015
(22) 08.02.2012	(31) 10195224	(51) F27B 3/20
(54) A nozzle for applying a lining material onto an inner surface of a pipe	(32) 15.12.2010	F27B 3/22
(73) Proline Group AB	(33) European Patent Office (EPO)	F27D 17/00
(72) Johansson, Rolf	(47) 16.03.2016	C03B 5/235
(74) ir. M.F.J.M. Ketelaars c.s.	(51) C09K 8/508	(11) EP2508827
(47) 18.03.2015	C09K 8/512	(21) EP12002261.1
(51) B32B 27/32	C09K 8/575	(22) 29.03.2012
B32B 27/34	(11) EP1799960	(54) Method and device for melting melting stock
F16L 55/165	(21) EP05798598.8	(73) Linde Aktiengesellschaft
(11) EP2582520	(22) 22.08.2005	(72) Mieth, Rainer
(21) EP11730556.5	(54) METHOD FOR TREATING UNDERGROUND FORMATIONS OR CAVITIES WITH MICROGELS	Simpson, Neil
(22) 31.05.2011	(73) Institut Français du Pétrole	Wilcox, Richard
(54) Insertion tube	SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES-SEPPIC	(74) ir. W.J.J.M. Kempes
(73) Infiana Germany GmbH & Co. KG	(72) TABARY, René	(31) 11002931
(72) HUMMEL, Henrik	CHAUVETEAU, Guy	12000696
(74) ir. F.A. Geurts c.s.	MALLO, Paul	(32) 07.04.2011
(31) 102010023764	BRAUN, Olivier	02.02.2012
(32) 15.06.2010	VILAIN, Eric	(33) European Patent Office (EPO)
(33) Germany	ZAITOUN, Alain	European Patent Office (EPO)
(47) 30.04.2014	(74) ir. W.J.J.M. Kempes	(47) 01.07.2015
(51) C07C 317/24	(31) 0409100	(51) H04N 21/4227
A01N 41/10	(32) 25.08.2004	H04N 21/434
(11) EP2137142	(33) France	H04N 21/436
(21) EP08717804.2	(47) 16.11.2011	H04N 21/442
(22) 14.03.2008	(51) E04C 2/06	H04N 21/45
(54) CRYSTALLINE FORM OF 2-[2-CHLORO-4-METHYLSULFONYL-3-(2,2,2-TRIFLUOROETHOXYMETHYL)BENZOYL]ETHANEDIONE	E04C 5/07	H04N 21/472
(73) BASF SE	(11) EP2666922	H04N 21/475
(72) HUPE, Eike	(21) EP0116813.3	H04N 21/478
GEWEHR, Markus	(22) 23.05.2012	H04N 21/4782
ERK, Peter	(54) Textile-reinforced concrete element	H04N 21/482
SAXELL, Heidi Emilia	(73) Groz-Beckert KG	H04N 21/485
	(72) Karle, Roland	H04N 21/4786
	Kromer, Hans	H04N 21/488
		H04N 21/84
		H04N 5/44

H04N 5/445

H04N 7/10

H04N 7/16

H04N 7/173

(11) EP1986425

(21) EP08161640.1

(22) 16.07.1999

(54) Interactive television program guide system
having multiple devices within a household

(73) Rovi Guides, Inc.

(72) Ellis, Michael D.

Thomas, William L.

Lemmons, Thomas R.

(74) ir. W.J.J.M. Kempes

(31) 93292 P

(32) 17.07.1998

(33) United States of America

(47) 25.06.2014

SPC**Ingeschreven en verleende certificaten.****Contains data concerning applications for- or granted Supplementary Protection Certificates.**

- (21) 300243
(22) 17.10.2006
(11) 300243
(73) SHIRE-NPS PHARMACEUTICALS, INC.
(74) ir. M.F.J.M. Ketelaars c.s.
(68) EP1079803
(54) Proteïne formuleringen.
(94) 23.04.2021
(95) Humaan Parathyroid hormoon
(93) EU/06/339/001 24.04.2006
(47) 07.12.2006
-
- (21) 300982
(22) 25.04.2019
(11) 300982
(74) ir. C.M. Jansen c.s.
(68) EP3059314
(54) ANTIBODY MOLECULES HAVING
SPECIFICITY FOR HUMAN TUMOR
NECROSIS FACTOR ALPHA, AND USE
THEREOF
(94) 1219
(95) Certolizumab
(93) EU/1/09/544/001-002 06.10.2009
-
- (21) 300983
(22) 26.04.2019
(11) 300983
(74) ir. M.F.J.M. Ketelaars c.s.
(68) EP3225249
(54) ORODISPERSIBLE DESMOPRESSIN
FOR INCREASING INITIAL PERIOD OF
SLEEP UNDISTURBED BY NOCTURIA
(94) 722
(95) Desmopressin, desgewenst in de vorm van
een acetaat zout
(93) BE497271 & BE497280 13.05.2016
-
- (21) 350094
(22) 26.04.2019
(11) 350094
(74) ir. J.P.E. Brants
(68) EP1028125
(54) Dipeptidenverbindingen die een fungicide
activiteit hebben, en agronomische
toepassingen daarvan.
(92) 15718N 30.11.2018
(94) 1809
(95) mancozeb en valifenalaat
(93) 2845 06.11.2009
-

VB1

Rechten waarvoor een verzoek of bezwaarschrift is ingediend conform Octrooiwet 1995 en de Algemene Wet Bestuursrecht.**Contains data concerning requests and notices of opposition under the General administrative law.**

(11) EP1764269	(51) C08B 37/00	(51) F16C 33/62
(51) B60R 13/02	C12N 9/99	F16C 33/64
B60R 13/04	C12P 19/04	F03D 80/70
B60R 13/06	(00) 27/18	F16C 19/06
B60R 13/07	27.06.2018	F16C 19/18
(00) 27/18	(11) EP2548941	F16C 19/52
27.06.2018	(51) C11B 3/10	F16C 33/76
(11) EP1897409	A23D 9/02	(00) 31/18
(51) H04R 25/00	C11B 3/14	25.07.2018
(00) 27/18	(00) 27/18	(11) EP2834469
27.06.2018	27.06.2018	(51) F01D 5/02
(11) EP2186107	(11) EP2555981	F02C 7/00
(51) H01H 33/666	(51) B65B 31/02	F02K 3/072
(00) 27/18	(00) 27/18	F02C 3/067
27.06.2018	27.06.2018	F01D 15/12
(11) EP2277977	(11) EP2558092	F02C 7/36
(51) C09K 5/04	(51) A61K 31/436	(00) 27/18
C10M 171/00	A61K 31/519	27.06.2018
(00) 39/18	A61K 45/06	(11) EP2854803
19.09.2018	A61P 35/00	(51) A61K 31/40
(11) EP2327705	(00) 27/18	A61P 17/02
(51) C07D 493/04	27.06.2018	A61P 17/10
A61K 31/34	(11) EP2577619	A61P 17/12
A61P 35/00	(51) G07D 7/12	A61P 17/16
(00) 24.04.2019	G07D 11/00	A61K 8/34
(00) 2015/23	(00) 27/18	A61K 8/49
03.06.2015	27.06.2018	A61K 8/67
(00) Appeal	(11) EP2597771	A61P 19/00
(00) Universitätsklinikum Charité der Humboldt- Universität zu Berlin	(51) H02P 1/24	A61K 8/81
(11) EP2384097	H02P 21/32	A61K 8/04
(51) H05H 1/34	H02P 1/40	(00) 27/18
(00) 27/18	(00) 27/18	27.06.2018
27.06.2018	27.06.2018	(11) EP2876777
(11) EP2474692	(11) EP2647576	(51) H02J 7/00
(51) E05B 65/10	(51) B65B 19/20	H02J 50/00
E05B 47/06	B65B 19/22	H02J 7/02
E05B 63/16	(00) 27/18	H02J 7/04
E05C 9/18	27.06.2018	(00) 27/18
E05B 15/04	(11) EP2649898	27.06.2018
(00) 27/18	(51) A43B 23/02	(11) EP2878463
27.06.2018	(00) 27/18	(51) B60G 17/052
(11) EP2495117	27.06.2018	B60G 17/056
(51) B60G 7/02	(11) EP2659792	B60G 17/017
(00) 27/18	(51) A24D 3/02	(00) 27/18
27.06.2018	(00) 27/18	27.06.2018
(11) EP2496246	27.06.2018	(11) EP2901856
(51) A61K 38/17	(11) EP2697369	(51) A01N 43/04
A61K 38/16	(51) C12N 7/02	A61K 9/68
A61K 31/195	C12N 7/00	A61K 31/70
A61K 31/185	C07K 1/34	C07H 21/02
A61K 9/08	(00) 27/18	C07H 21/04
A61P 1/16	27.06.2018	(00) 26.04.2019
A61P 1/00	(11) EP2725172	(00) 32/17
(00) 27/18	(51) E05B 65/10	09.08.2017
27.06.2018	E05B 47/00	(00) Restoration of rights
(11) EP2510015	(00) 27/18	(00) Idera Pharmaceuticals, Inc.
	27.06.2018	(11) EP2910106
	(11) EP2749781	(51) A01D 90/04

A01F 15/10	(11) EP3126276
(00) 29.04.2019	(51) B66B 5/18
(00) 38/16	(00) 27/18
21.09.2016	27.06.2018
(00) Restoration of rights	(11) EP3131833
(00) CLAAS Saugau GmbH	(51) B65D 85/804
(11) EP2912959	(00) 27/18
(51) A24C 5/00	27.06.2018
A24D 3/02	(11) EP3137311
(00) 27/18	(51) B42D 25/324
27.06.2018	B42D 25/328
(11) EP2922630	B42D 25/351
(51) B01J 23/42	B42D 25/373
B01J 23/44	B42D 25/425
B01J 23/58	B42D 25/445
B01J 21/04	(00) 27/18
B01J 21/12	27.06.2018
B01J 35/04	(11) EP3148510
B01J 37/02	(51) A61K 9/00
B01D 53/62	A61K 38/00
B01D 53/92	A61K 47/18
B01D 53/94	A61K 47/26
F01N 3/10	(00) 27/18
F01N 3/28	27.06.2018
(00) 27/18	(11) EP3171124
27.06.2018	(51) G01B 7/02
(11) EP2981100	H03K 17/955
(51) H04R 25/00	(00) 27/18
G10L 21/0208	27.06.2018
G10L 21/0216	(11) EP3190065
(00) 27/18	(51) B65D 85/10
27.06.2018	B65D 85/12
(11) EP3019813	B65D 5/42
(51) F41H 3/00	(00) 27/18
F41H 5/00	27.06.2018
(00) 27/18	(11) EP3206095
27.06.2018	(51) G05B 15/00
(11) EP3021833	(00) 27/18
(51) A61K 9/00	27.06.2018
A61K 47/12	(11) EP3209413
C07K 16/24	(51) B01F 7/00
(00) 27/18	B01F 7/16
27.06.2018	(00) 27/18
(11) EP3048498	27.06.2018
(51) G05B 19/042	
(00) 27/18	
27.06.2018	
(11) EP3049316	
(51) B65G 41/00	
B62D 65/18	
B65G 17/20	
(00) 27/18	
27.06.2018	
(11) EP3055197	
(51) B62M 9/10	
B62M 6/45	
(00) 27/18	
27.06.2018	
(11) EP3109059	
(51) B41M 5/44	
B41M 5/323	
(00) 27/18	
27.06.2018	
(11) EP3116934	
(51) C08G 63/181	
(00) 27/18	
27.06.2018	

VB2

Rechten waarvoor een beslissing is genomen op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.

Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.

(11) EP1571905	B01J 21/04	(11) EP2587959
(51) A01N 25/12	B01J 23/755	(51) A46D 3/00
A01N 33/20	B01J 35/00	A46D 3/04
C07D 213/89	B01J 37/08	(11) EP2692788
C07F 9/80	C10G 45/36	(51) C08L 15/00
C09D 5/16	C01F 7/02	C08L 13/00
(00) 2012/10	C01F 7/44	C08L 77/00
07.03.2012	(00) 2012/33	C08K 5/14
	15.08.2012	C08L 77/02
(11) EP1589386	(11) EP2266573	C08L 77/06
(51) G05B 19/042	(51) A61K 31/565	C08F 236/12
G05B 19/05	A61P 35/00	C08F 222/16
(00) 47/18	A61K 47/14	C08F 220/06
14.11.2018	A61K 47/44	C08F 2/22
(11) EP1841855	A61K 9/08	C08C 19/02
(51) C12N 1/38	(00) 12/16	(00) 44/16
C12N 1/20	23.03.2016	07.11.2016
A23C 19/032	(11) EP2279791	(11) EP2735728
(00) 2011/36	(51) B01L 3/02	(51) F03B 7/00
07.09.2011	(00) 2015/37	F03B 17/06
(11) EP1953095	09.09.2015	(00) 21/17
(51) B65F 1/10	(11) EP2393856	24.05.2017
B65F 1/14	(51) C08G 10/00	(11) EP2847307
(00) 53/18	C08L 71/00	(51) C11D 1/62
28.12.2018	C09D 171/00	C11D 3/20
(00) 30.04.2019	C08J 7/00	(00) 07/17
(00) Positive	(00) 06/17	15.02.2017
(11) EP2101823	08.02.2017	(11) EP2856853
(51) A61K 48/00	(11) EP2478502	(51) A01D 33/08
C12N 15/13	(51) G08B 5/36	B07B 1/14
C12N 15/85	G08B 3/10	B07B 1/46
C07K 16/28	G08B 21/24	(00) 38/17
C07K 16/32	(11) EP2531339	20.09.2017
A61K 39/395	(51) B29C 53/58	(11) EP2863639
(00) 38/17	B29C 70/86	(51) H04N 19/119
20.09.2017	B29C 33/76	H04N 19/132
(11) EP2112888	B29C 70/32	H04N 19/19
(51) A23J 3/00	B29C 70/22	H04N 19/30
A23J 3/14	B29C 70/48	H04N 19/50
A23L 27/60	B29C 53/80	H04N 19/112
A23L 33/00	B29C 53/82	H04N 19/176
A23L 23/00	B29L 31/00	H04N 19/147
(00) 33/16	B29L 31/30	H04N 19/103
17.08.2016	B29L 31/32	H04N 19/46
(11) EP2233474	(11) EP2548858	H04N 19/96
(51) C07D 279/08	(51) C07C 29/00	H04N 19/61
A61K 31/4439	C07C 29/132	H04N 19/44
A61K 31/5415	C07C 29/136	H04N 19/105
A61K 31/542	C07C 31/20	H04N 19/593
A61P 25/28	B01J 23/30	H04N 19/503
A61P 43/00	B01J 23/64	H04N 19/122
C07D 417/10	(11) EP2574402	(00) 30/17
C07D 417/12	(51) B01L 3/02	26.07.2017
C07D 513/04	B01L 3/00	(11) EP2872432
C07D 417/14	G01N 35/00	(51) B66B 19/00
(11) EP2249963	(00) 01/16	G01C 15/10
(51) B01J 21/02	06.01.2016	B66B 7/12

(00) 16/18

11.04.2018

(11) EP2882188

(51) H04N 19/119

H04N 19/132

H04N 19/19

H04N 19/30

H04N 19/50

H04N 19/112

H04N 19/176

H04N 19/147

H04N 19/103

H04N 19/46

H04N 19/96

H04N 19/61

H04N 19/44

H04N 19/105

H04N 19/593

H04N 19/503

H04N 19/122

(00) 30/17

26.07.2017

(11) EP2946108

(51) F25B 41/06

F16K 31/02

F16K 31/00

(00) 03/18

10.01.2018

(11) EP2989110

(51) C07F 9/54

A61P 35/04

A61K 31/662

(00) 09/19

27.02.2019

(00) 30.04.2019

(00) Positive

(11) EP3092316

(51) C12Q 1/68

C12N 15/10

(00) 06/19

06.02.2019

(00) 30.04.2019

(00) Positive

MED**Overige mededelingen.
Contains data concerning other communications.**

	H01L 31/0216
(11) EP1271553	(11) EP2412528
(00) 19.04.2019	(51) B41F 13/08
(51) G11C 16/04	B41F 13/20
G11C 16/34	F16C 13/02
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(00) deze akte vervangt RC201900199, zodat nu de juiste houders vermeld staan	(11) EP2584882
	(51) A01F 15/04
(11) EP1561833	A01F 15/10
(00) 19.04.2019	(11) EP2641628
(51) C22C 38/00	(51) A61M 5/315
(00) Based on clerical error	(11) EP2704526
(00) Deze akte vervangt RC201802290. Nu staan de correcte octrooihouders vermeld.	(51) H05B 6/64
(11) EP1588379	(11) EP2784069
(00) 19.04.2019	(51) C07D 307/46
(51) G11C 16/34	C07D 307/68
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	(11) EP2926623
(11) EP1665285	(51) H05B 3/48
(00) 19.04.2019	F24H 3/00
(51) G11C 16/34	(11) EP3185382
G11C 29/00	(51) H02H 1/00
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(00) deze akte vervangt RC201900199, zodat nu de juiste houders vermeld staan	H02B 13/065
(11) EP1678722	
(00) 19.04.2019	
(51) G11C 11/56	
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(11) EP1814122	
(00) 19.04.2019	
(51) G11C 11/56	
G11C 16/34	
G11C 16/04	
G11C 16/12	
(00) Based on clerical error	
(00) deze akte vervangt RC201900199, zodat nu de juiste houders vermeld staan	
(11) EP1882432	
(51) A47J 31/40	
A23F 5/08	
(11) EP1975942	
(00) 19.04.2019	
(51) G11C 16/34	
(00) Based on clerical error	
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(11) EP2015310	
(00) 19.04.2019	
(51) G11C 16/34	
G11C 29/00	
(00) Based on clerical error	
(00) deze akte vervangt RC201900199, zodat nu de juiste houders vermeld staan	
(11) EP2070128	
(00) 22.02.2019	
(51) H01L 31/18	

VRV

Verval of nietigverklaring.

Contains data concerning lapse or annulment.

(11) 1011929	(00) Patent Expired	(00) Patent Expired
(00) 29.04.2019	(11) EP0955082	(11) EP1049289
(00) Patent Expired	(00) 28.04.2019	(00) 29.04.2019
(11) 2020279	(00) Patent Expired	(00) Patent Expired
(00) 31.10.2018	(11) EP0955305	(11) EP1050229
(00) Application Withdrawn	(00) 30.04.2019	(00) 28.04.2019
(11) 2020590	(00) Patent Expired	(00) Patent Expired
(00) 14.09.2018	(11) EP0955499	(11) EP1058739
(00) Application Withdrawn	(00) 27.04.2019	(00) 30.04.2019
(11) 2020708	(00) Patent Expired	(00) Patent Expired
(00) 21.11.2018	(11) EP0956832	(11) EP1073330
(00) Application Withdrawn	(00) 28.04.2019	(00) 26.04.2019
(11) 2021072	(00) Patent Expired	(00) Patent Expired
(00) 06.11.2018	(11) EP0957131	(11) EP1073462
(00) Application Withdrawn	(00) 27.04.2019	(00) 27.04.2019
(11) 2021344	(00) Patent Expired	(00) Patent Expired
(00) 25.04.2019	(11) EP0957565	(11) EP1075315
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(11) 2021345	(00) Patent Expired	(00) Patent Expired
(00) 05.09.2018	(11) EP0958861	(11) EP1075415
(00) Application Withdrawn	(00) 28.04.2019	(00) 26.04.2019
(11) 2021628	(00) Patent Expired	(00) Patent Expired
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(11) 300151	(00) Patent Expired	(00) Patent Expired
(00) 28.04.2019	(11) EP0960710	(11) EP1075583
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(11) 300217	(00) Patent Expired	(00) Patent Expired
(00) 28.04.2019	(11) EP0964058	(11) EP1075659
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(11) 350067	(00) Patent Expired	(00) Patent Expired
(00) 01.05.2019	(11) EP0977389	(11) EP1076597
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(11) EP0951842	(00) Patent Expired	(00) Patent Expired
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(11) EP0953681	(00) Patent Expired	(00) Patent Expired
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(11) EP0954179	(00) Patent Expired	(00) Patent Expired
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(11) EP0954187	(00) Patent Expired	(00) Patent Expired
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	(00) 26.04.2019	(00) 28.04.2019

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(11) EP1150293	(11) EP1628454	(11) EP1780949
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(11) EP3205592	(11) EP3211861	(11) EP3216337
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(11) EP3205619	(11) EP3211911	(11) EP3216754
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(11) EP3206104	(11) EP3211919	(11) EP3217308
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(11) EP3206163	(11) EP3211928	(11) EP3218093
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(11) EP3206330	(11) EP3212052	(11) EP3218233
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(11) EP3206331	(11) EP3212803	(11) EP3218577
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(11) EP3206468	(11) EP3213007	(11) EP3219142
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(11) EP3206540	(11) EP3213431	(11) EP3219225
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(11) EP3206598	(11) EP3213582	(11) EP3219452
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(11) EP3206655	(11) EP3213771	(11) EP3219516
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(11) EP3206894	(11) EP3213835	(11) EP3220459
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(11) EP3221105	(11) EP3226652	(11) EP3231976
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(11) EP3221537	(11) EP3227223	(11) EP3232025
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(11) EP3221860	(11) EP3227364	(11) EP3232541
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(11) EP3221952	(11) EP3227512	(11) EP3232544
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(11) EP3222707	(11) EP3228424	(11) EP3234629
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(11) EP3222858	(11) EP3228772	(11) EP3235731
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(11) EP3223961	(11) EP3229201	(11) EP3238945
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(11) EP3224239	(11) EP3230181	(11) EP3239001
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(11) EP3224816	(11) EP3231391	(11) EP3241743
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(11) EP3225505	(11) EP3231682	(11) EP3241984
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(11) EP3225803	(11) EP3231719	(11) EP3242019
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(11) EP3225850	(11) EP3231848	(11) EP3242470
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(11) EP3278053	(11) EP3304666	(11) EP3343937
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(11) EP3278779	(11) EP3306323	(11) EP3344968
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(11) EP3279603	(11) EP3308391	(11) EP3345228
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(11) EP3279996	(11) EP3310565	(11) EP3360989
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(11) EP3282879	(11) EP3310622	(11) EP3362515
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(11) EP3284359	(11) EP3312224	(11) EP3367912
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(11) EP3284686	(11) EP3313737	
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(11) EP3287373	(11) EP3315360	
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(11) EP3289583	(11) EP3315779	
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(11) EP3289717	(11) EP3315780	
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(11) EP3289729	(11) EP3317210	
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(11) EP3290817	(11) EP3322808	
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(11) EP3292788	(11) EP3324367	
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(11) EP3293061	(11) EP3326258	
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(11) EP3301730	(11) EP3334398	
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(11) EP3303174	(11) EP3337451	
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(11) EP3304263	(11) EP3337454	
(00) 26.12.2018	(00) 26.12.2018	

VRB

**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Myriad International GmbH	(11) EP2549955	(11) EP1872068
(73) Myriad International GmbH	(00) 19.02.2019	(00) 25.02.2019
(11) EP2951317	(51) A61M 1/10	(51) F25B 6/04
(00) 18.02.2019	(00) Change of owner(s) name	F25D 19/02
(51) C12Q 1/68	(71) Tamtron Oy	(00) Assignment
(00) Change of owner(s) name	(73) Tamtron Oy	(71) MONSANTO TECHNOLOGY LLC
(71) Myriad International GmbH	(11) EP1893955	(73) MONSANTO TECHNOLOGY LLC
(73) Myriad International GmbH	(00) 22.02.2019	(11) EP2483283
(11) EP2737081	(51) G01G 19/08	(00) 18.02.2019
(00) 18.02.2019	(00) Assignment	(51) C07F 9/38
(51) C12Q 1/68	(71) MONSANTO TECHNOLOGY LLC	C07F 9/58
(00) Change of owner(s) name	(73) MONSANTO TECHNOLOGY LLC	C07F 9/59
(71) Myriad International GmbH	(11) EP2346781	(00) Assignment
(73) Myriad International GmbH	(00) 18.02.2019	(71) Lindhofer, Horst, Dr.
(11) EP2553118	(51) C01B 25/12	(73) Lindhofer, Horst, Dr.
(00) 18.02.2019	(00) Assignment	(11) EP1874821
(51) C12Q 1/68	(71) CARRIER CORPORATION	(00) 22.02.2019
(00) Change of owner(s) name	(73) CARRIER CORPORATION	(51) C07K 16/30
(71) Grüenthal GmbH	(11) EP1738238	C07K 16/28
(73) Grüenthal GmbH	(00) 25.02.2019	A61K 31/573
(11) EP1237551	(51) G05D 23/32	A61K 39/00
(00) 18.02.2019	F25D 17/06	A61P 35/00
(51) A61K 31/4045	F25D 29/00	(00) Assignment
A61K 9/00	(00) Assignment	(71) MONSANTO TECHNOLOGY LLC
A61P 25/06	(71) MONSANTO TECHNOLOGY LLC	(73) MONSANTO TECHNOLOGY LLC
(00) Assignment	(73) MONSANTO TECHNOLOGY LLC	(11) EP2276696
(71) Syntach AG	(11) EP2493902	(00) 18.02.2019
(73) Syntach AG	(00) 18.02.2019	(51) C01B 25/12
(11) EP2549956	(51) C07F 9/38	C01B 25/163
(00) 19.02.2019	(00) Assignment	(00) Assignment
(51) A61M 1/10	(71) Taylor Commercial Foodservice Inc.	(71) MONSANTO TECHNOLOGY LLC
(00) Change of owner(s) name	(73) CARRIER CORPORATION	(73) MONSANTO TECHNOLOGY LLC
(71) Nippon Micrometal Corporation	(11) EP1738238	(11) EP2875037
NIPPON STEEL Chemical & Material Co., Ltd.	(00) 25.02.2019	(00) 18.02.2019
(73) Nippon Micrometal Corporation	(51) G05D 23/32	(51) C07F 9/38
NIPPON STEEL Chemical & Material Co., Ltd.	F25D 17/06	A01N 57/20
(11) EP2993693	F25D 29/00	(00) Assignment
(00) 18.02.2019	(00) Change of owner(s) name	(71) Hydra Systems AS
(51) H01L 21/60	(71) MONSANTO TECHNOLOGY LLC	(73) Hydra Systems AS
B21C 1/00	(73) MONSANTO TECHNOLOGY LLC	(11) EP2976493
C22C 5/06	(11) EP2665734	(00) 25.02.2019
C22C 5/08	(00) 18.02.2019	(51) E21B 33/13
C22F 1/00	(51) C07F 9/38	E21B 37/00
C22F 1/14	C07F 9/58	E21B 43/117
B23K 35/30	(00) Assignment	E21B 29/02
B23K 35/02	(71) Hydra Well Intervention AS	E21B 33/134
H01L 23/00	(73) Hydra Well Intervention AS	(00) Assignment
(00) Merge	(11) EP2823133	(71) MONSANTO TECHNOLOGY LLC
(71) 20MED Therapeutics B.V.	(00) 25.02.2019	(73) MONSANTO TECHNOLOGY LLC
(73) 20MED Therapeutics B.V.	(51) E21B 29/00	(11) EP2736914
(11) EP2582741	E21B 31/03	(00) 18.02.2019
(00) 18.02.2019	E21B 31/16	(51) C07F 9/30
(51) C08G 73/02	(00) Assignment	C07F 9/38
C08G 65/337	(71) MONSANTO TECHNOLOGY LLC	C07F 9/40
A61K 47/48	(73) MONSANTO TECHNOLOGY LLC	C07F 9/42
(00) Assignment	(11) EP2766376	C07F 9/53
(71) Syntach AG	(00) 18.02.2019	C07F 9/655
(73) Syntach AG	(51) C07F 9/141	C07F 9/6571
	(00) Assignment	C07F 9/6584
	(71) CARRIER CORPORATION	(00) Assignment
	(73) CARRIER CORPORATION	(71) SmartSim GmbH

(73) SmartSim GmbH	(00) Assignment	A21D 2/36
(11) EP2450704	(71) Piston Tank Corporation	(00) Assignment
(00) 22.02.2019	(73) Piston Tank Corporation	(71) Axon Neuroscience SE
(51) G01N 33/22	(11) EP1247032	(73) Axon Neuroscience SE
G01F 1/00	(00) 26.02.2019	(11) EP1521774
(00) Assignment	(51) F16J 9/20	(00) 26.02.2019
(71) MONSANTO TECHNOLOGY LLC	B67D 5/02	(51) C07K 14/47
(73) MONSANTO TECHNOLOGY LLC	B65D 88/60	C12N 15/12
(11) EP2753625	(00) Assignment	G01N 33/53
(00) 18.02.2019	(71) VOT Funding LLC	A01K 67/027
(51) C07F 9/30	(73) VOT Funding LLC	A61K 39/00
C07F 9/38	(11) EP1747768	C12P 21/02
C07F 9/40	(00) 27.02.2019	C07K 16/00
C07F 9/572	(51) A61F 2/16	(00) Assignment
C07F 9/655	(00) Assignment	(71) IBSA FARMACEUTICI ITALIA S.r.l.
(00) Assignment	(71) Stichting 'Total Food Foundation'	(73) IBSA FARMACEUTICI ITALIA S.r.l.
(71) STEINERT GmbH	(73) Stichting 'Total Food Foundation'	(11) EP1865931
(73) STEINERT GmbH	(11) 2004203	(00) 26.02.2019
(11) EP1335797	(00) 27.02.2019	(51) A61K 9/70
(00) 25.02.2019	(51) A23L 1/308	A61K 31/21
(51) B03C 1/247	(00) Assignment	(00) Merge
B03C 1/14	(71) VOT Funding LLC	(71) Axon Neuroscience SE
(00) Change of owner(s) name	(73) VOT Funding LLC	(73) Axon Neuroscience SE
(71) MONSANTO TECHNOLOGY LLC	(11) EP1438930	(11) EP1355949
(73) MONSANTO TECHNOLOGY LLC	(00) 27.02.2019	(00) 26.02.2019
(11) EP2297169	(51) A61F 2/16	(51) C07K 16/18
(00) 18.02.2019	(00) Assignment	C12N 5/20
(51) C07F 9/38	(71) Axon Neuroscience SE	C07K 14/47
(00) Assignment	(73) Axon Neuroscience SE	G01N 33/577
(71) AGFA NV	(11) EP1521831	G01N 33/68
(73) AGFA NV	(00) 26.02.2019	A61K 39/395
(11) EP1380259	(51) C12N 15/12	(00) Assignment
(00) 27.03.2019	A01K 67/027	(71) CLT Beheer B.V.
(51) A61B 6/00	C12N 5/06	(73) CLT Beheer B.V.
G21K 1/10	G01N 33/00	(11) 2012352
(00) Assignment	G01N 33/15	(00) 26.02.2019
(71) AGFA NV	(00) Assignment	(51) E02D 23/08
(73) AGFA NV	(71) VOT Funding LLC	E04H 6/10
(11) EP1347414	(73) VOT Funding LLC	(00) Change of owner(s) name
(00) 27.03.2019	(11) EP1859760	(71) Guardiar Europe
(51) G06T 5/00	(00) 27.02.2019	(73) Guardiar Europe
(00) Assignment	(51) A61F 2/16	(11) EP1564351
(71) Taylor Commercial Foodservice Inc.	(00) Assignment	(00) 27.02.2019
(73) CARRIER CORPORATION	(71) AKER SOLUTIONS AS	(51) E04H 17/16
(11) EP1872068	(73) AKER SOLUTIONS AS	(00) Assignment
(00) 25.02.2019	(11) EP2089139	(71) OPTIMUM Environmental and Energy
(51) F25B 6/04	(00) 20.02.2019	Technologies B.V.
F25D 19/02	(51) B01D 53/14	(73) OPTIMUM Environmental and Energy
(00) Change of owner(s) name	B01D 53/18	Technologies B.V.
(71) MONSANTO TECHNOLOGY LLC	C01B 31/20	(11) EP1636534
(73) MONSANTO TECHNOLOGY LLC	(00) Change of owner(s) name	(00) 26.02.2019
(11) EP2875034	(71) SCREEN SEMICONDUCTOR	(51) F28G 1/08
(00) 18.02.2019	SOLUTIONS CO., LTD.	(00) Assignment
(51) C07F 9/38	(73) SCREEN SEMICONDUCTOR	(71) AKER SOLUTIONS AS
A01N 59/20	SOLUTIONS CO., LTD.	(73) AKER SOLUTIONS AS
(00) Assignment	(11) EP2079096	(11) EP2729233
(71) Stichting 'Total Food Foundation'	(00) 28.02.2019	(00) 20.02.2019
(73) Stichting 'Total Food Foundation'	(51) H01J 27/08	(51) B01D 53/14
(11) 1038291	H05H 1/48	(00) Change of owner(s) name
(00) 18.02.2019	(00) Assignment	(71) AKER SOLUTIONS AS
(51) A23L 1/308	(71) Stichting 'Total Food Foundation'	(73) AKER SOLUTIONS AS
(00) Assignment	(11) 1038413	(11) EP2131943
(71) Stichting 'Total Food Foundation'	(00) 27.02.2019	(00) 20.02.2019
(73) Stichting 'Total Food Foundation'	(51) A23P 1/08	(51) B01D 53/14
(11) 1038584	A23L 1/052	(00) Change of owner(s) name
(00) 18.02.2019	A23L 1/308	(71) SCREEN SEMICONDUCTOR
(51) A23L 1/0528		SOLUTIONS CO., LTD.

(73) SCREEN SEMICONDUCTOR SOLUTIONS CO., LTD.	(00) Change of owner(s) name	(73) AKER SOLUTIONS AS
(11) EP2227819	(71) WE Design Beheer B.V.	(11) EP2928583
(00) 28.02.2019	(73) WE Design Beheer B.V.	(00) 20.02.2019
(51) H01J 3/02	(11) 2016047	(51) B01D 53/14
H01J 33/00	(00) 27.02.2019	(00) Change of owner(s) name
H01S 3/097	(51) A61F 5/10	(71) AKER SUBSEA AS
(00) Assignment	A61F 5/058	(73) AKER SOLUTIONS AS
(71) AKER SUBSEA AS	A61F 5/01	(11) EP2941517
(73) AKER SOLUTIONS AS	(00) Assignment	(00) 20.02.2019
(11) EP2089138	(71) VOT Funding LLC	(51) E04H 7/18
(00) 20.02.2019	(73) VOT Funding LLC	B01D 53/14
(51) B01D 53/14	(11) EP1045679	B65D 90/04
B01D 53/18	(00) 27.02.2019	B65D 90/50
C01B 31/20	(51) A61F 2/16	E02D 19/00
(00) Merge	(00) Assignment	E04B 1/70
(71) BWM Fassadensysteme GmbH	(71) KRAUSZ INDUSTRIES LTD.	(00) Merge
(73) BWM Fassadensysteme GmbH	(73) KRAUSZ INDUSTRIES LTD.	(71) AKER SOLUTIONS AS
(11) EP2365157	(11) EP2905522	(73) AKER SOLUTIONS AS
(00) 26.02.2019	(00) 27.02.2019	(11) EP2445611
(51) E04F 13/08	(51) F16L 21/02	(00) 20.02.2019
(00) Change of owner(s) name	F16L 21/03	(51) B01D 53/14
(71) SCREEN SEMICONDUCTOR SOLUTIONS CO., LTD.	F16L 25/14	B01D 53/62
(73) SCREEN SEMICONDUCTOR SOLUTIONS CO., LTD.	F16L 21/06	(00) Change of owner(s) name
(11) EP2079092	(00) Assignment	(71) KRAUSZ INDUSTRIES LTD.
(00) 28.02.2019	(71) COVIA HOLDINGS CORPORATION	(73) KRAUSZ INDUSTRIES LTD.
(51) H01J 3/02	(73) COVIA HOLDINGS CORPORATION	(11) EP3021028
(00) Assignment	(11) EP2054468	(00) 27.02.2019
(71) AKER SUBSEA AS	(00) 28.02.2019	(51) F16L 21/02
(73) AKER SOLUTIONS AS	(51) C08K 3/34	F16L 21/06
(11) EP2131943	(00) Change of owner(s) name	F16L 21/03
(00) 20.02.2019	(71) AKER SUBSEA AS	(00) Assignment
(51) B01D 53/14	(73) AKER SOLUTIONS AS	(71) KRAUSZ INDUSTRIES LTD.
(00) Merge	(11) EP2928583	(73) KRAUSZ INDUSTRIES LTD.
(71) VOT Funding LLC	(00) 20.02.2019	(11) EP2674655
(73) VOT Funding LLC	(51) B01D 53/14	(00) 27.02.2019
(11) EP1045680	(00) Merge	(51) F16L 17/03
(00) 27.02.2019	(71) AKER SUBSEA AS	F16L 55/172
(51) A61F 2/16	(73) AKER SOLUTIONS AS	F16L 21/00
(00) Assignment	(11) EP2445611	F16L 21/03
(71) AKER SUBSEA AS	(00) 20.02.2019	F16L 21/06
(73) AKER SOLUTIONS AS	(51) B01D 53/14	(00) Assignment
(11) EP2405989	B01D 53/62	(71) Jiangsu Hengli Hydraulic Technology Co.,Ltd.
(00) 20.02.2019	(00) Merge	(73) Jiangsu Hengli Hydraulic Technology Co.,Ltd.
(51) B01D 53/14	(71) AKER SOLUTIONS AS	(11) EP2944828
(00) Merge	(73) AKER SOLUTIONS AS	(00) 26.02.2019
(71) Novosom Verwaltungs GmbH	(11) EP2941517	(51) F15B 13/02
(73) Novosom Verwaltungs GmbH	(00) 20.02.2019	(00) Change of owner(s) name
(11) EP2451440	(51) E04H 7/18	(71) KRAUSZ INDUSTRIES LTD.
(00) 20.02.2019	B01D 53/14	(73) KRAUSZ INDUSTRIES LTD.
(51) A61K 9/127	B65D 90/04	(11) EP3051199
A61K 9/133	B65D 90/50	(00) 27.02.2019
A61K 48/00	E02D 19/00	(51) F16L 37/084
(00) Assignment	E04B 1/70	(00) Assignment
(71) VOT Funding LLC	(00) Change of owner(s) name	(71) VOT Funding LLC
(73) VOT Funding LLC	(71) VOT Funding LLC	(73) VOT Funding LLC
(11) EP1045678	(11) EP1690513	(11) EP1475055
(00) 27.02.2019	(00) 27.02.2019	(00) 27.02.2019
(51) A61F 2/16	(51) A61F 2/16	(51) A61F 2/16
(00) Assignment	(00) Assignment	(00) Assignment
(71) AKER SUBSEA AS	(71) AKER SUBSEA AS	(71) SCREEN SEMICONDUCTOR SOLUTIONS CO., LTD.
(73) AKER SOLUTIONS AS	(73) AKER SOLUTIONS AS	(73) SCREEN SEMICONDUCTOR SOLUTIONS CO., LTD.
(11) EP2200731	(11) EP2200731	(11) EP1609222
(00) 20.02.2019	(00) 20.02.2019	(00) 28.02.2019
(51) B01D 53/14	(51) B01D 53/14	
(00) Merge	(00) Merge	
(71) AKER SOLUTIONS AS	(71) AKER SOLUTIONS AS	

(51) H01S 3/097 H05G 1/00 H01J 1/00	B32B 13/12 C09K 15/08 F16L 58/10	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Assignment	B32B 15/085	(11) 2011164
(71) AKER SOLUTIONS AS	(00) Merge	(00) 20.02.2019
(73) AKER SOLUTIONS AS	(71) Sahajanand Medical Technologies Private Limited	(51) C07G 1/00 C07H 1/08 D21C 3/00
(11) EP2089138	(73) Sahajanand Medical Technologies Private Limited	C08B 15/00 C07H 1/00
(00) 20.02.2019	(11) EP2911621	(00) Assignment
(51) B01D 53/14 B01D 53/18 C01B 31/20	(00) 28.02.2019	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Change of owner(s) name	(51) A61F 2/915	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) AKER SUBSEA AS	(00) Assignment	(11) 1023666
(73) AKER SOLUTIONS AS	(71) AKER SOLUTIONS AS	(00) 20.02.2019
(11) EP2089139	(73) AKER SOLUTIONS AS	(51) F03D 11/04 F03D 7/04
(00) 20.02.2019	(11) EP2729232	(00) Assignment
(51) B01D 53/14 B01D 53/18 C01B 31/20	(00) 20.02.2019	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Merge	(51) B01D 53/14 B01D 53/18 B32B 13/12 C09K 15/08 F16L 58/10	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) AKER SOLUTIONS AS	B32B 15/085	(11) 1041192
(73) AKER SOLUTIONS AS	(00) Change of owner(s) name	(00) 20.02.2019
(11) EP2405989	(71) Mediana Co., Ltd.	(51) C08H 7/00 C08H 8/00 C08L 97/00 C07G 1/00
(00) 20.02.2019	(73) Mediana Co., Ltd.	(00) Assignment
(51) B01D 53/14	(11) EP2859912	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Change of owner(s) name	(00) 26.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) VOT Funding LLC	(51) A61N 1/39 B66B 1/46 B66B 1/14	(11) 1038916
(73) VOT Funding LLC	(00) Assignment	(00) 20.02.2019
(11) EP1056416	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) H01L 31/0224
(00) 27.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
(51) A61F 2/16	(11) 2004724	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Assignment	(00) 20.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) KRAUSZ INDUSTRIES LTD.	(51) B01D 71/02 B01D 71/70 B01D 67/00 B01D 61/36 B01D 69/14	(11) 2002756
(73) KRAUSZ INDUSTRIES LTD.	(00) Assignment	(00) 20.02.2019
(11) EP2791567	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) C10L 3/08 C10L 3/10 C10J 3/00 C10K 3/02 C10K 3/04
(00) 27.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
(51) F16L 21/02 F16L 21/06 F16L 21/08	(11) 1026207	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Assignment	(00) 20.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) KRAUSZ INDUSTRIES LTD.	(51) B01D 53/86 B01J 29/06 B01J 29/10 B01J 29/20	(11) 2010006
(73) KRAUSZ INDUSTRIES LTD.	(00) Assignment	(00) 20.02.2019
(11) EP2463567	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) C12P 19/02 C12P 19/14
(00) 27.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
(51) F16L 33/04 F16L 55/172 F16L 21/06	(11) 2009286	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Assignment	(00) 20.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) AKER SUBSEA AS	(51) F03D 1/06 B64C 27/467	(11) 2012554
(73) AKER SOLUTIONS AS	(00) Assignment	(00) 20.02.2019
(11) EP2729233	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) H01L 31/05
(00) 20.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
(51) B01D 53/14		
(00) Merge		
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(00) Assignment		
(71) AKER SUBSEA AS		
(73) AKER SOLUTIONS AS		
(11) EP2729232		
(00) 20.02.2019		
(51) B01D 53/14 B01D 53/18		

<p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2014040</p> <p>(00) 20.02.2019</p> <p>(51) H01L 51/44 H01L 27/30 H01L 31/0224</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2005290</p> <p>(00) 20.02.2019</p> <p>(51) B01D 69/04 B01D 71/02 B01D 67/00 B01D 69/10</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2010161</p> <p>(00) 20.02.2019</p> <p>(51) G01N 17/02 G01R 31/26</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2009306</p> <p>(00) 20.02.2019</p> <p>(51) B01D 67/00 B01D 69/14 C08G 77/50 B01D 61/36 B01D 71/02</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2011236</p> <p>(00) 20.02.2019</p> <p>(51) F03D 1/06</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2009836</p> <p>(00) 20.02.2019</p> <p>(51) H01L 31/048 H01L 31/05 H01L 31/18</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2012553</p> <p>(00) 20.02.2019</p> <p>(51) H01L 31/05</p>	<p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2012556</p> <p>(00) 20.02.2019</p> <p>(51) H01L 31/05 H01L 31/044</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2014041</p> <p>(00) 20.02.2019</p> <p>(51) H01L 31/0216 H01L 31/0224 H01L 31/20 H01L 31/0463 H01L 31/0465</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2013759</p> <p>(00) 20.02.2019</p> <p>(51) B01D 53/02 B01D 53/52 B01D 53/62 B01D 53/86 C01B 17/04 B01J 20/08</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse 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toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2016382</p> <p>(00) 20.02.2019</p> <p>(51) H01L 31/18 H01L 31/0368 H01L 31/068 H01L 31/072</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 2013939</p> <p>(00) 20.02.2019</p> <p>(51) F25B 9/14</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) EP1755770</p> <p>(00) 20.02.2019</p> <p>(51) B01D 53/86 B01J 29/06 B01J 29/10 B01J 29/20</p> <p>(00) Assignment</p> <hr/> <p>(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO</p> <p>(11) 1013862</p> <p>(00) 20.02.2019</p> <p>(51) B01D 53/86 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C02F 11/04	(11) 2012557	H01L 31/05
C10F 5/06	(00) 20.02.2019	H01L 31/054
C02F 103/26	(51) H01L 31/05	(00) Assignment
(00) Assignment	(00) Assignment	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2773445
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(51) H01L 31/18	(51) H01L 31/0224	B01D 71/02
H01L 31/0463	(00) Assignment	B01D 69/14
H01L 31/0465	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B01D 53/22
(00) Assignment	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	C08G 77/50
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(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2471109	C09D 183/14
(11) 2013168	(00) 20.02.2019	(00) Assignment
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H01L 31/054	(00) Assignment	(11) 2018042
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(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) 2016084	H01L 31/068
(11) EP1261414	(00) 20.02.2019	H01L 31/18
(00) 20.02.2019	(51) C01B 3/02	H01L 31/0745
(51) B01D 63/06	C07C 41/01	(00) Assignment
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H01L 31/0216	(00) Assignment	(00) Assignment
(00) Assignment	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(71) Confocal.nl B.V.
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(73) Confocal.nl B.V.
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2471110	(11) 2018134
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F28D 9/00	(00) Assignment	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
B01J 19/32	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2300134
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(51) C07G 1/00	H01L 31/0745	C08L 83/14
C07H 1/08	H01L 31/18	B01D 61/36
D21C 3/00	(00) Assignment	B01D 53/22
C08B 15/00	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
(00) Assignment	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) 2019318	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019	(11) EP2943975
	(51) H01L 31/048	(00) 20.02.2019
		(51) H01L 21/225
		H01L 21/324

H01L 31/0224	(51) H01L 31/078	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
H01L 31/0352	H01L 27/30	(11) 2019614
H01L 31/068	H01L 31/18	(00) 20.02.2019
H01L 31/18	(00) Assignment	(51) H01L 31/0224
H01L 31/065	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	H01L 31/0745
(00) Assignment	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	H01L 31/18
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2814775	(00) Assignment
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(11) 2019597	(51) C01B 3/12	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) 20.02.2019	C01B 3/56	(11) EP2675556
(51) C10L 9/08	(00) Assignment	(00) 20.02.2019
C10L 5/44	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) B01J 8/00
(00) Assignment	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B01J 8/04
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2419497	B01J 19/24
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019	C01B 3/38
(11) EP2210283	(51) C10L 3/08	B01J 19/00
(00) 20.02.2019	C10L 3/10	(00) Assignment
(51) H01L 31/18	C10J 3/00	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Assignment	C10K 3/02	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	C10K 3/04	(11) EP2935604
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	C07C 9/04	(00) 20.02.2019
(11) EP3027894	(00) Assignment	(51) C12P 19/02
(00) 20.02.2019	(71) Confocal.nl B.V.	C12P 19/14
(51) F03D 1/06	(73) Confocal.nl B.V.	(00) Assignment
(00) Assignment	(11) 2018386	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 22.02.2019	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) G02B 21/00	(11) 2006245
(11) EP2920820	G02B 21/36	(00) 20.02.2019
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H01L 31/05	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B01J 19/24
H01L 31/18	(11) 2018906	C01B 3/38
(00) Assignment	(00) 20.02.2019	B01J 19/00
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(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B01D 53/72	(71) Cryo Technics B.V.
(11) 2015987	(00) Assignment	(73) Cryo Technics B.V.
(00) 20.02.2019	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) 2010145
(51) H01L 31/0224	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 22.02.2019
H01L 27/30	(11) EP1976621	(51) B24C 1/00
H01L 31/078	(00) 20.02.2019	(00) Assignment
(00) Assignment	(51) B01D 67/00	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B01D 69/14	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B01D 71/70	(11) 2002743
(11) EP2739373	B01D 61/36	(00) 20.02.2019
(00) 20.02.2019	B01D 71/02	(51) G01B 11/16
(51) B01D 53/047	C08G 77/58	(00) Assignment
B01D 53/04	(00) Assignment	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
C01B 3/02	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) Assignment	(11) EP1633976	(11) 2008313
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(11) 2017380	F03B 15/06	C01B 3/56
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(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	H01L 31/0468	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(11) 2010941	(00) Assignment	(11) 2019628
(00) 20.02.2019	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019
(51) H01L 31/068	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) H01L 31/048
H01L 31/18	(11) 2017528	H01L 31/05
(00) Assignment	(00) 20.02.2019	H02S 40/22
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) H01L 31/0224	(00) Assignment
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	H01L 31/05	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(11) 2012788	H01L 31/0465	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) 20.02.2019	(00) Assignment	(11) 2017527
(51) G01N 27/407	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019
G01N 33/00	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(51) H01L 31/0224
(00) Assignment	(11) 2014588	H01L 31/0465
(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019	(00) Assignment
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(11) EP1229994	H01M 4/04	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(00) 20.02.2019	H01M 4/1395	(11) 2018908
(51) B01D 53/86	H01M 4/36	(00) 20.02.2019
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(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	H01M 10/0525	C07C 15/02
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment	C07C 7/10
(11) 2010766	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
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(51) H01L 31/0224	(11) EP2417417	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
H01L 31/05	(00) 20.02.2019	(11) 2019617
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(00) Assignment	(00) Assignment	(51) H01L 31/0224
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(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) Assignment
(11) 2012558	(11) EP2569806	(71) WIRO Präzisions-Werkzeugbau GmbH
(00) 20.02.2019	(00) 20.02.2019	(73) WIRO Präzisions-Werkzeugbau GmbH
(51) H01L 31/0224	(51) H01L 31/0224	(11) EP2668014
H01L 31/05	H01L 31/068	(00) 01.03.2019
H01L 31/18	(00) Assignment	(51) B29C 45/16
H01L 31/048	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	B29C 45/06
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(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(11) EP2609628	(00) Change of owner(s) name
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	(00) 20.02.2019	
(11) EP2358465	(51) H01L 31/0224	
(00) 20.02.2019	H01L 31/05	
(51) B01D 53/86	H01L 31/18	
B01J 29/76	H01L 31/0216	
B01J 29/68	(00) Assignment	
B01J 29/74	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	
B01J 35/04	(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	
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B01J 29/67	(00) 20.02.2019	
(00) Assignment	(51) H01L 31/05	
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(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	H01L 51/42	
(11) 2015986	H01L 31/043	
(00) 20.02.2019	(00) Assignment	
(51) H01L 31/05	(71) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	
H01L 31/042		

TVH

**Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.**