
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.

Bezoekadres: **Octrooicentrum Nederland**
Prinses Beatrixlaan 2
2595 AL Den Haag
Postadres
Postbus 10366
2501 HJ Den Haag
Telefoon: 088-0426656
Bankrekeningnummer:
Voor taksen en depotrekeningen:
ING 0705001296
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:

Patent Bulletin and Official Journal: free of charge in electronic form on the website of the Netherlands Patent Office.

Visiting address: **Netherlands Patent Office**
Prinses Beatrixlaan 2
2595 AL Den Haag
Postadress
Post Office Box: 10366
2501 HJ Den Haag
Telephone: +31(0)88 0426656
Account:
Fees, deposit accounts:
ING 0705001296
Iban: NL41INGB070500129
BIC: INGBNL2A

Inhoudsopgave	Blz.	Content	Page
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.	11	**Heading NP2** Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	11
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	14	**Heading NP3** Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	14
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	15	**Heading EP1** Contains data concerning translations of the conclusions of European patent applications.	15
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	16	**Heading EP2** Contains data concerning European patents granted for The Netherlands.	16
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.	268	**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.	268
Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzgde Europese octrooien.	336	**Heading EP4** Contains data concerning European patents granted in amended form for the Netherlands.	336
Rubriek EP5 Bevat gegevens betreffende voor Nederland verleende gewijzigde	337	**Heading EP5** Contains data concerning European patents granted in amended form for	337

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.

The Netherlands in which an amended translation was filed.

Rubriek SPC 339 **Heading SPC** 339

Bevat gegevens betreffende ingeschreven en verleende certificaten

Contains data concerning applications for- or granted Supplementary Protection Certificates.

Rubriek VB1 340 **Heading VB1** 340

Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.

Contains data concerning requests and notices of opposition under the General administrative law.

Rubriek VB2 342 **Heading VB2** 342

Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan 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.

Rubriek MED 343 **Heading MED** 343

Bevat gegevens betreffende overige mededelingen.

Contains data concerning other communications.

Rubriek VRV 344 **Heading VRV** 344

Bevat gegevens betreffende verval of nietigverklaring.

Contains data concerning lapse or annulment.

Rubriek VRB 369 **Heading VRB** 369

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

Contains data concerning corrections on earlier publications.

Rubriek CO 370 **Heading CO** 370

Bevat gegevens betreffende wijzigingen in het octrooiregister.

Contains data concerning changes in the Netherland patent register.

Rubriek TVH 372 **Heading TVH** 372

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

Contains data concerning depots of original topographies of semi-conductor products.

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.

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) Octrooinummer	(11) Patent number
(13) Soort document volgens WIPO standaard 16	(13) Kind of document code according to WIPO standard ST.16
(15) Correctie informatie	(15) Patent correction information
(21) Octrooiaanvraagnummer	(21) Application number
(22) Datum van indiening	(22) Date(s) of filing application(s)
(23) Datum tentoonstelling	(23) Date of exhibition
(25) Taal van indiening	(25) Language in which the published application was originally filed
(26) Taal waarin de aanvraag is gepubliceerd	(26) Language in which the application is published
(30) Voorrangsgegevens	(30) Priority Data
(31) Nummer voorrang	(31) Number(s) assigned to priority application(s)
(32) Datum voorrang	(32) Date(s) of filling of priority application(s)
(33) Land van herkomst voorrang	(33) WIPO Standard ST.3 Code indetifying the national patent office alloting the priority application number or the organization alloting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
(34) Oorspronkelijk land van indiening	(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) Datum van inschrijving	(40) Date(s) of making available to the public
(41) Datum van inschrijving van een octrooiaanvraag	(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) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)	(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) Datum waarop de aanvraag ter inzage is gelegd	(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 Octrooiclassificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filling 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 know 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) Apllication 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 authorzation to place the product on the market as a medicinal product within a regional
(94) Expiratiedatum voor een topografie	(94) economic community
(95) Certificaten: naam van het product	(95) Calculated date of expiry of the topography Name of the product protected by the basic patent and in respect of which the SPC has been apllied 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) A01G 1/04
(21) 2018703
(22) 13.04.2017
(54) Method and device for processing substrate materials for mushrooms
(71) CNC Grondstoffen B.V.
(74) ir. A.R. Aalbers
(72) Johannes Cornelis Hendrika Adrianus Roks
Antonius Martinus Gijsbertus van Iperen
Pieter Richard Postma
(41) 24.10.2018

(51) A01K 5/02
(21) 2019353
(22) 27.07.2017
(54) Improved Manger
(71) Martinus Adrianus Hubertus van de Vleuten
(74) mr. ir. J. van Breda c.s.
(72) Martinus Adrianus Hubertus van de Vleuten
Silvia Henrica Josephina van de Vleuten
(41) 29.10.2018
(31) 2018739
(32) 19.04.2017
(33) Netherlands

(51) A01K 13/00
A01K 15/02
A01M 29/24
(21) 1042347
(22) 19.04.2017
(54) Beschermende inrichting voor kwetsbare dieren
(71) Shock Dog B.V.
Ferdinand de Leeuw
(72) Edith Klomp
Ferdinand de Leeuw
(41) 29.10.2018

(51) A01K 13/00
A01L 15/00
(21) 2018704
(22) 13.04.2017
(54) Mat, combinatie van een verblijf voor het in het verblijf melken van vee en de mat en werkwijze voor het afgeven van een vloeistof aan de klauwen van vee
(71) Flexxolutions GFS B.V.
(74) ir. B.J. 't Jong
(72) Martin Gerard Bernhard Nieuwmeijer
Christian Jan Hendrik Lansink
(41) 24.10.2018

(51) A22C 13/02
(21) 2018718
(22) 14.04.2017
(54) A carrier pipe for the transfer of a casing to a stuffing horn
(71) APE B.V.
(74) ir. W.J.J.M. Kempes
(72) Thomas Maarten Schouten
(41) 24.10.2018

(51) A47G 19/22
B65D 85/808
B65D 85/816
A47J 31/20
(21) 2018743
(22) 19.04.2017
(54) Cartridge, assembly and cup for preparing loose leaf tea and method of preparing tea
(71) Hakan Duman
(74) mr.ir. F.N. Ferro
(72) Hakan Duman
(41) 29.10.2018

(51) A47J 31/40
A47J 31/46
(21) 2018745
(22) 19.04.2017
(54) System and method for the preparation of hot and cold beverages
(71) Apiqe Holdings, LLC
(74) ir. H.V. Mertens c.s.
(72) Jasper Jacobus van de Sluis
Mattheus Pieter Both
(41) 29.10.2018

(51) A61B 3/107
A61B 3/14
A61B 3/117
(21) 2018712
(22) 13.04.2017
(54) Eye measuring apparatus
(71) Cassini B.V.
(74) ir. H.V. Mertens c.s.
(72) Haaije Rimmer de Vries
Roland Bryn Piper
(41) 24.10.2018

(51) A61F 5/01
A61F 5/26
(21) 2018730
(22) 18.04.2017
(54) Wearable support structure for at least partly relieving a human body during leaning or bending over.
(71) Laevo B.V.
(74) ir. J.M.G. Dohmen c.s.
(72) Michael Martinus Hölscher
Boudewijn Martin Wisse
(41) 29.10.2018

(51) A61F 5/03
A61F 5/24
(21) 2018731
(22) 18.04.2017
(54) Connecting device for a wearable support structure
(71) Laevo B.V.
(74) ir. J.M.G. Dohmen c.s.
(72) Michael Martinus Hölscher
Boudewijn Martin Wisse
(41) 29.10.2018

(51) A61G 1/017
A61G 5/00
(21) 2018713
(22) 13.04.2017
(54) Device configured to transport a human body
(71) Retter Helfer Medical B.V.
(74) ir. P.J. Hylarides c.s.
(72) Riemer Jellis Jan Smink
Floris Wiegerinck
(41) 24.10.2018

(51) A61N 5/06
(21) 2018741
(22) 19.04.2017
(54) Light emitting device
(71) JOBAST B.V.
(74) mr. ir. J. van Breda c.s.
(72) Selma Aletta van Dijk
(41) 29.10.2018

(51) B25B 23/00
(21) 2018706
(22) 13.04.2017
(54) TORQUE REACTION TOOLS AND METHODS FOR USE
(71) The Boeing Company
(74) ir. P.J. Hylarides c.s.
(72) Bretton Tabler
Katie Plain
Gerald Haulbrooks
(41) 24.10.2018

(51) B29C 64/118
B29C 64/245
B29C 64/20
B33Y 10/00
B33Y 30/00
B33Y 80/00
(21) 2018728
(22) 18.04.2017
(54) A gantry-type three dimensional printing apparatus for printing a three dimensional work piece in a layer wise manner.
(71) Stephan Schürmann Holding B.V.
(74) ir. J.M.G. Dohmen c.s.
(72) Stephan Schürmann
(41) 29.10.2018

(51) B29C 64/393
B29C 64/35
B29C 64/209
B29C 64/106
(21) 2018720
(22) 14.04.2017
(54) THREE-DIMENSIONAL MODELING METHOD AND SYSTEM
(71) Bond high performance 3D technology B.V.
(74) drs. J. Renkema
(72) Thomas Jonathan Bruggeman
Adrianus Bruggeman

Martijn Johannes Wolbers
Kevin Hendrik Jozef Voss
Bouwe Kuiper
Koendert Hendrik Kuit
Marald Speelman
(41) 24.10.2018

(51) B61D 27/00
B60L 1/00
B61D 3/20
B60L 9/00
B60L 11/02
B61L 15/00
B61L 25/04
(21) 2018714
(22) 13.04.2017
(54) POWER SYSTEM AND ASSOCIATED METHODS
(71) Rail Innovators Holding B.V.
(74) dr. A. Krebs
(72) Mark Alexander Remie
(41) 24.10.2018

(51) B62B 9/28
B62B 9/26
B62B 9/12
(21) 1042343
(22) 18.04.2017
(54) Accessoire voor een kinder- of wandelwagen
(71) Remi van Beusekom
(72) Remi van Beusekom
(41) 29.10.2018

(51) B62J 13/04
B62M 9/16
(21) 2020813
(22) 23.04.2018
(54) KETTINGKAST EN KETTINGSPANSAMENSTEL
(71) VANMOOF B.V.
(74) ir. F.E. Hoeben
(72) Ties Jonan Midas Carlier
(31) 2018764
(32) 21.04.2017
(33) Netherlands

(51) B63B 27/14
(21) 2018734
(22) 18.04.2017
(54) Vessel, motion system, method for compensating motions of a vessel
(71) Ampelmann Holding B.V.
(74) ir. C.M. Jansen c.s.
(72) Constantijn Gerardus Daniël Maria Veraart
Marinus Antonie Groot Enzerink
Gerbrand Dirk Marbus
(41) 29.10.2018

(51) B65B 47/10
B65B 9/04
B65B 37/08
B65B 37/20
C11D 17/04
(21) 2018707
(22) 13.04.2017
(54) Packaging system for producing pouches
(71) Eme Engel Machinefabriek en Engineering B.V.
(74) ir. H.V. Mertens c.s.
(72) Arie Bood
Marc Robert Wijnberg
(41) 24.10.2018

(51) B65D 19/38
A47F 5/11
A47B 87/02
(21) 1042345
(22) 19.04.2017
(54) Inrichting voor het uitstallen van producten
(71) Van der Windt Verpakking B.V.
K.G. van Vliet Retail B.V.
(74) drs. O. Griebling
(72) Robert Dompeling
(41) 29.10.2018

(51) B65D 21/02
B65D 81/26
B65D 85/34
B65D 43/02
(21) 2018709
(22) 13.04.2017
(54) Opslagmiddel voor Voedsel
(71) Voskamp-Vollebregt Holding B.V.
(74) ir. M.F.J.M. Ketelaars c.s.
(72) Adriana Petronella Voskamp-Vollebregt
(41) 24.10.2018

(51) B65D 83/20
B65D 83/40
B65D 83/56
B65D 47/20
B65D 83/22
B05B 11/00
(21) 2018736
(22) 19.04.2017
(54) Cap for a pressurized container with a dispensing unit
(71) Vincent Stefan David Gielen
(74) ir. J.M.G. Dohmen c.s.
(72) Vincent Stefan David Gielen
(41) 29.10.2018

(51) B65G 1/04
B65G 1/133
A01G 9/14
(21) 2018723
(22) 14.04.2017
(54) VEHICLE FOR MOVING A CONTAINER AND SYSTEM ALLOWING SUCH VEHICLE TO MOVE THE CONTAINER
(71) Logiqs B.V.
(74) ir. W.J.J.M. Kempes
(72) Gerrit Johannes van Staalduinen
(41) 24.10.2018

(51) C02F 1/58
C02F 1/66
C02F 1/04
C02F 1/38
(21) 2020788
(22) 19.04.2018
(54) Apparatus and Method for Treating Waste Water Containing Ammonium Salts
(71) CHINA PETROLEUM & CHEMICAL CORPORATION
SINOPEC CATALYST CO., LTD.
(74) ir. H.Th. van den Heuvel c.s.
(72) Xiping Yin
Ye Li
Songyuan Gu
Zhijian Liu
Tao Wang
Jin'ai Gao
Yuhua Chen
Yan Zhou
Ling Yang
Zhiwei Yuan
Hongliang Yi
Tao An
Fuzu Liu
Zhimin Zhang
Shupeng Xu
(31) 201710263271.X
201710263286.6
201710265654.0
201710266201.X
(32) 21.04.2017
21.04.2017
21.04.2017
21.04.2017
(33) China
China
China
China

(51) C07K 16/28
A61K 39/00
(21) 2018708
(22) 13.04.2017
(54) ANTI-SIRP# ANTIBODIES
(71) Aduro Biotech Holdings, Europe B.V.
(74) ir. C.M. Jansen c.s.
(72) Andrea van Elsas
Hans van Eenennaam
Paul Vink
Erik Voets
David Lutje Hulsik
(41) 24.10.2018

(51) C08H 8/00
C07G 1/00
(21) 2018722
(22) 14.04.2017
(54) A method for preparing an activated lignin composition
(71) Trespa International B.V.
(74) ir. J.M.G. Dohmen c.s.
(72) Andrew Sidney Jobber
Luca Ferrari
Somayeh Kazemi
Kim Mechtilda Ferdinand Helwegen
Atte Ilari Virtanen
(41) 24.10.2018

(51) E02D 7/22
E02D 5/66
(21) 2018729
(22) 18.04.2017
(54) Boorpunt voor een grondverdringingsboor
(71) Chinforce B.V.
(74) ir. A.R. Aalbers
(72) Marcus Nicolaas Maria Leliveld
Christiaan Jan Heerding

(51) E03F 5/04
E03C 1/22
(21) 2018724
(22) 18.04.2017
(54) Afvoerput en afvoerbuis
(71) Easy Sanitary Solutions B.V.
(74) ir. B.J. 't Jong
(72) Jurgen Hendrik Peter Jozeph Keizers
(41) 29.10.2018

(51) E04F 11/18
(21) 1042342
(22) 14.04.2017

(54) Hulpleuning voor wand- en spijlmontage
(71) Mippaa Holding B.V.
(72) Patrick Gerald Daniel Degenkamp
(41) 24.10.2018

(51) E21B 7/06
E21B 33/02
E21B 15/02
(21) 2018742
(22) 19.04.2017
(54) WELL RECOVERY ASSEMBLY FOR RECOVERING A WELL AND METHOD FOR WELL RECOVERY
(71) Roelof Nicolaas Rudolf Antonius Kampman
(74) ir. P.J. Hylarides c.s.
(72) Roelof Nicolaas Rudolf Antonius Kampman
(41) 29.10.2018

(51) F16C 29/00
(21) 2018738
(22) 19.04.2017
(54) Guide unit and method for manufacturing such a guide unit.
(71) Almotion B.V.
(74) ir. J.M.G. Dohmen c.s.
(72) Leopold Peerboom
(41) 29.10.2018

(51) F16H 3/00
B60K 6/48
F16H 37/04
F16H 57/04
(21) 2018735
(22) 18.04.2017
(54) Transmission system for a vehicle
(71) Punch Powertrain N.V.
(74) ir. C.M. Jansen c.s.
(72) Roell Marie Van Druten
(41) 29.10.2018

(51) F16H 3/00
B60K 6/48
F16H 37/04
F16H 57/04
(21) 2019856
(22) 06.11.2017
(54) Transmission system for a vehicle
(71) Punch Powertrain N.V.
(74) ir. C.M. Jansen c.s.
(72) Roell Marie Van Druten
(41) 29.10.2018
(31) 2018735
(32) 18.04.2017
(33) Netherlands

(51) F16H 61/00
F16H 61/02
F16H 63/34
F16H 57/04
F16H 61/12
(21) 2020576
(22) 13.03.2018
(54) a hydraulic system for a vehicle, a vehicle transmission, and method for operating a vehicle transmission
(71) Punch Powertrain N.V.
(74) ir. C.M. Jansen c.s.
(72) Roell Marie Van Druten
Peter Mark Smid
(31) 2018732
(32) 18.04.2017
(33) Netherlands

(51) F16H 61/00
F16H 61/02
F16H 63/34
F16H 57/04
F16H 61/12
(21) 2018732
(22) 18.04.2017
(54) a hydraulic system for a vehicle, a vehicle transmission, and method for operating a vehicle transmission
(71) Punch Powertrain N.V.
(74) ir. C.M. Jansen c.s.
(72) Roell Marie Van Druten
Peter Mark Smid
(41) 29.10.2018

(51) F25D 15/00
(21) 1042339
(22) 13.04.2017
(54) synergie krat/houder met koelelement, koelkrat
(71) Adriaan de Kuijper
(72) Adriaan de Kuijper
(41) 24.10.2018

(51) G01J 3/28
G01J 3/02
(21) 1042341
(22) 14.04.2017
(54) Aberratievrije telescoop en collimator voor een imaging spectrometer
(71) Innovative Space B.V.
(72) Kees Moddemeijer
(41) 24.10.2018

(51) G01N 3/56
(21) 2020321
(22) 25.01.2018
(54) Test System for Testing the Life of Reciprocating Disc Plough with Variable Parameters
(71) Xihua University
(74) dr. G. Visser-Luirink
(72) Wen Zhong
Zhang Junfu
Yang Wei
Ma Lei
Wang Yu
Zhou LiPing
Li Hao
Yao Guangming
(31) CN201710254113
(32) 18.04.2017
(33) China

(51) G03F 7/20
(21) 2020598
(22) 16.03.2018
(54) TEMPORAL WAVELENGTH MODULATED METROLOGY SYSTEM, METROLOGY METHOD AND LITHOGRAPHIC APPARATUS
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Jacob Fredrik Friso Klinkhamer
(31) 17166853.6
(32) 18.04.2017
(33) European Patent Office (EPO)

(51) G03F 7/20
(21) 2020556
(22) 09.03.2018
(54) A Method of Performance Testing Working Parameters of a Fluid Handling Structure and A Method of Detecting Loss of Immersion Liquid from a Fluid Handing Structure in an Immersion Lithographic Apparatus
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Giovanni Luca Gattobigio
Erik Henricus Egidius Catharina Eummelen
Johan Franciscus Maria Beckers
Nirupam Banerjee
Ronald Frank Kox
Theodorus Wilhelmus Polet
Cornelius Maria Rops
Mike Paulus Johannes van Gils
Wouterus Jozephus Johannes van Sluisveld
Rik Teodoor Vangheluwe
(31) 17167287.6
(32) 20.04.2017
(33) European Patent Office (EPO)

(51) G03F 7/20
(21) 2020676
(22) 28.03.2018
(54) SUPPORT STRUCTURE, METHOD AND LITHOGRAPHIC APPARATUS
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Hans Butler
(31) 17167347.8
(32) 20.04.2017
(33) European Patent Office (EPO)

(51) G03F 7/20
(21) 2021799
(22) 12.10.2018
(54) METHODS AND PATTERNING DEVICES AND APPARATUSES FOR MEASURING FOCUS PERFORMANCE OF A LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Miguel Garcia Granda
Elliott Gerard Mc Namara
Pierre-Yves Jerome Yvan Guittet
Eric Jos Anton Brouwer
Bart Peter Bert Segers

(51) G03F 7/20
(21) 2021781
(22) 09.10.2018
(54) Lithographic method
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Bearrach Moest
Norbertus Josephus Martinus van den Nieuwelaar
Rowin Meijerink
Thijs Schenkelaars
Laurentius Johannes Adrianus van Bokhoven

(51) G08G 1/08
(21) 2018711
(22) 13.04.2017
(54) A system for controlling traffic lights and a corresponding control unit.
(71) Dynniq Peek Traffic B.V.
(74) ir. J.M.G. Dohmen c.s.
(72) Robbin John Blokpoel
Mahtab Joueiai

(41) 24.10.2018
(51) H03K 17/30
(21) 2020745
(22) 11.04.2018
(54) SWITCHING ELEMENT CONTROL CIRCUIT AND POWER MODULE
(71) Shindengen Electric Manufacturing Co., Ltd
(74) mr. drs. A.J.W. Hooiveld c.s.
(72) Kenichi Suzuki
Wataru Miyazawa
(31) PCT/JP2017/016447
(32) 25.04.2017
(33) Japan

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) A01G 1/04
(11) 2018703
(47) 24.10.2018
(22) 13.04.2017
(54) Method and device for processing substrate materials for mushrooms
(73) CNC Grondstoffen B.V.
(72) Johannes Cornelis Hendrika Adrianus Roks
Antonius Martinus Gijsbertus van Iperen
Pieter Richard Postma
(74) ir. A.R. Aalbers

(51) A01K 5/00
B01F 7/24
(11) 2016659
(47) 24.10.2018
(22) 22.04.2016
(54) Mengwagen.
(73) Peeters Landbouwmachines B.V.
(72) Daniel Petrus Marie Peeters
(74) ir. J.M.G. Dohmen c.s.
(31) 2015654
(32) 23.10.2015
(33) Netherlands

(51) A01K 5/02
(11) 2019353
(47) 29.10.2018
(22) 27.07.2017
(54) Improved Manger
(73) Martinus Adrianus Hubertus van de Vleuten
(72) Martinus Adrianus Hubertus van de Vleuten
Silvia Henrica Josephina van de Vleuten
(74) mr. ir. J. van Breda c.s.
(31) 2018739
(32) 19.04.2017
(33) Netherlands

(51) A01K 13/00
A01K 15/02
A01M 29/24
(11) 1042347
(47) 29.10.2018
(22) 19.04.2017
(54) Beschermende inrichting voor kwetsbare dieren
(73) Shock Dog B.V.
Ferdinand de Leeuw
(72) Edith Klomp
Ferdinand de Leeuw

(51) A01K 13/00
A01L 15/00
(11) 2018704
(47) 24.10.2018
(22) 13.04.2017
(54) Mat, combinatie van een verblijf voor het in het verblijf melken van vee en de mat en werkwijze voor het afgeven van een vloeistof aan de klauwen van vee
(73) Flexxolutions GFS B.V.
(72) Martin Gerard Bernhard Nieuwmeijer
Christian Jan Hendrik Lansink
(74) ir. B.J. 't Jong

(51) A22C 13/02
(11) 2018718
(47) 24.10.2018
(22) 14.04.2017
(54) A carrier pipe for the transfer of a casing to a stuffing horn
(73) APE B.V.
(72) Thomas Maarten Schouten
(74) ir. W.J.J.M. Kempes

(51) A47G 19/22
B65D 85/808
B65D 85/816
A47J 31/20
(11) 2018743
(47) 29.10.2018
(22) 19.04.2017
(54) Cartridge, assembly and cup for preparing loose leaf tea and method of preparing tea
(73) Hakan Duman
(72) Hakan Duman
(74) mr.ir. F.N. Ferro

(51) A47J 31/40
A47J 31/46
(11) 2018745
(47) 29.10.2018
(22) 19.04.2017
(54) System and method for the preparation of hot and cold beverages
(73) Apiqe Holdings, LLC
(72) Jasper Jacobus van de Sluis
Mattheus Pieter Both
(74) ir. H.V. Mertens c.s.

(51) A61B 3/107
A61B 3/14
A61B 3/117
(11) 2018712
(47) 24.10.2018
(22) 13.04.2017
(54) Eye measuring apparatus
(73) Cassini B.V.
(72) Haaije Rimmer de Vries
Roland Bryn Piper
(74) ir. H.V. Mertens c.s.

(51) A61F 5/01
A61F 5/26
(11) 2018730
(47) 29.10.2018
(22) 18.04.2017
(54) Wearable support structure for at least partly relieving a human body during leaning or bending over.
(73) Laevo B.V.
(72) Michael Martinus Hölscher
Boudewijn Martin Wisse
(74) ir. J.M.G. Dohmen c.s.

(51) A61F 5/03
A61F 5/24
(11) 2018731
(47) 29.10.2018
(22) 18.04.2017
(54) Connecting device for a wearable support structure
(73) Laevo B.V.
(72) Michael Martinus Hölscher
Boudewijn Martin Wisse
(74) ir. J.M.G. Dohmen c.s.

(51) A61G 1/017
A61G 5/00
(11) 2018713
(47) 24.10.2018
(22) 13.04.2017
(54) Device configured to transport a human body
(73) Retter Helfer Medical B.V.
(72) Riemer Jellis Jan Smink
Floris Wiegerinck
(74) ir. P.J. Hylarides c.s.

(51) A61N 5/06
(11) 2018741
(47) 29.10.2018
(22) 19.04.2017
(54) Light emitting device
(73) JOBAST B.V.
(72) Selma Aletta van Dijk
(74) mr. ir. J. van Breda c.s.

(51) A63B 43/06
A63B 37/00
A63B 47/00
(11) 2015583
(47) 29.10.2018
(22) 07.10.2015
(54) Golfbalbestraalinrichting.
(73) Lite Golf B.V.
(72) Karel Klaas Joseph Dirkzwager
(74) ir. F.E. Hoeben

(51) B25B 23/00
(11) 2018706
(47) 24.10.2018
(22) 13.04.2017
(54) TORQUE REACTION TOOLS AND METHODS FOR USE
(73) The Boeing Company
(72) Bretton Tabler
Katie Plain
Gerald Haulbrooks
(74) ir. P.J. Hylarides c.s.

(51) B29C 64/118
B29C 64/245
B29C 64/20
B33Y 10/00
B33Y 30/00
B33Y 80/00
(11) 2018728
(47) 29.10.2018
(22) 18.04.2017
(54) A gantry-type three dimensional printing apparatus for printing a three dimensional work piece in a layer wise manner.
(73) Stephan Schürmann Holding B.V.
(72) Stephan Schürmann

(74) ir. J.M.G. Dohmen c.s.

(51) B29C 64/393
B29C 64/35
B29C 64/209
B29C 64/106
(11) 2018720
(47) 24.10.2018
(22) 14.04.2017
(54) THREE-DIMENSIONAL MODELING METHOD AND SYSTEM
(73) Bond high performance 3D technology B.V.
(72) Thomas Jonathan Bruggeman
Adrianus Bruggeman
Martijn Johannes Wolbers
Kevin Hendrik Jozef Voss
Bouwe Kuiper
Koendert Hendrik Kuit
Marald Speelman
(74) drs. J. Renkema

(51) B61D 27/00
B60L 1/00
B61D 3/20
B60L 9/00
B60L 11/02
B61L 15/00
B61L 25/04
(11) 2018714
(47) 24.10.2018
(22) 13.04.2017
(54) POWER SYSTEM AND ASSOCIATED METHODS
(73) Rail Innovators Holding B.V.
(72) Mark Alexander Remie
(74) dr. A. Krebs

(51) B62B 9/28
B62B 9/26
B62B 9/12
(11) 1042343
(47) 29.10.2018
(22) 18.04.2017
(54) Accessoire voor een kinder- of wandelwagen
(73) Remi van Beusekom
(72) Remi van Beusekom

(51) B63B 27/14
(11) 2018734
(47) 29.10.2018
(22) 18.04.2017
(54) Vessel, motion system, method for compensating motions of a vessel
(73) Ampelmann Holding B.V.
(72) Constantijn Gerardus Daniël Maria Veraart
Marinus Antonie Groot Enzerink
Gerbrand Dirk Marbus
(74) ir. C.M. Jansen c.s.

(51) B65B 47/10
B65B 9/04
B65B 37/08
B65B 37/20
C11D 17/04
(11) 2018707
(47) 24.10.2018
(22) 13.04.2017
(54) Packaging system for producing pouches
(73) Eme Engel Machinefabriek en Engineering B.V.
(72) Arie Bood
Marc Robert Wijnberg
(74) ir. H.V. Mertens c.s.

(51) B65D 19/38
A47F 5/11
A47B 87/02
(11) 1042345
(47) 29.10.2018
(22) 19.04.2017
(54) Inrichting voor het uitstallen van producten
(73) Van der Windt Verpakking B.V.
K.G. van Vliet Retail B.V.
(72) Robert Dompeling
(74) drs. O. Griebling

(51) B65D 21/02
B65D 81/26
B65D 85/34
B65D 43/02
(11) 2018709
(47) 24.10.2018
(22) 13.04.2017
(54) Opslagmiddel voor Voedsel
(73) Voskamp-Vollebregt Holding B.V.
(72) Adriana Petronella Voskamp-Vollebregt
(74) ir. M.F.J.M. Ketelaars c.s.

(51) B65D 83/20
B65D 83/40
B65D 83/56
B65D 47/20
B65D 83/22
B05B 11/00
(11) 2018736
(47) 29.10.2018
(22) 19.04.2017
(54) Cap for a pressurized container with a dispensing unit
(73) Vincent Stefan David Gielen
(72) Vincent Stefan David Gielen
(74) ir. J.M.G. Dohmen c.s.

(51) B65G 1/04
B65G 1/133
A01G 9/14
(11) 2018723
(47) 24.10.2018
(22) 14.04.2017
(54) VEHICLE FOR MOVING A CONTAINER AND SYSTEM ALLOWING SUCH VEHICLE TO MOVE THE CONTAINER
(73) Logiqs B.V.
(72) Gerrit Johannes van Staalduinen
(74) ir. W.J.J.M. Kempes

(51) C07K 16/28
A61K 39/00
(11) 2018708
(47) 24.10.2018
(22) 13.04.2017
(54) ANTI-SIRP# ANTIBODIES
(73) Aduro Biotech Holdings, Europe B.V.
(72) Andrea van Elsas
Hans van Eenennaam
Paul Vink
Erik Voets
David Lutje Hulsik
(74) ir. C.M. Jansen c.s.

(51) C08H 8/00
C07G 1/00
(11) 2018722
(47) 24.10.2018
(22) 14.04.2017
(54) A method for preparing an activated lignin composition
(73) Trespa International B.V.
(72) Andrew Sidney Jobber
Luca Ferrari
Somayeh Kazemi
Kim Mechtilda Ferdinand Helwegen
Atte Ilari Virtanen
(74) ir. J.M.G. Dohmen c.s.

(51) E01B 19/00
E01H 8/00
E01B 7/00
(11) 2015424
(47) 29.10.2018
(22) 11.09.2015
(54) Foreign matter removing device for use in turnout, and method for installing foreign matter removing device for use in turnout.
(73) Nabtesco Corporation
(72) Shogo Kigami
Yuki Kinugasa
Koji Sato
(74) ir. C.M. Jansen c.s.
(31) 2014-186650
2014-240211
(32) 12.09.2014
27.11.2014
(33) Japan
Japan

(51) E02D 7/22
E02D 5/66
(11) 2018729
(47) 29.10.2018
(22) 18.04.2017
(54) Boorpunt voor een grondverdringingsboor
(73) Chinforce B.V.
(72) Marcus Nicolaas Maria Leliveld
Christiaan Jan Heerding
(74) ir. A.R. Aalbers

(51) E03F 5/04
E03C 1/22
(11) 2018724
(47) 29.10.2018
(22) 18.04.2017
(54) Afvoerput en afvoerbuis
(73) Easy Sanitary Solutions B.V.
(72) Jurgen Hendrik Peter Jozeph Keizers
(74) ir. B.J. 't Jong

(51) E04F 11/18
(11) 1042342
(47) 24.10.2018
(22) 14.04.2017
(54) Hulpleuning voor wand- en spijlmontage
(73) Mippaa Holding B.V.
(72) Patrick Gerald Daniel Degenkamp

(51) E06B 11/02
(11) 2020392
(47) 29.10.2018
(22) 07.02.2018
(54) Voertuig entree
(73) BRS Idee B.V.
(72) Stefanus Jozef Morssink
Huibert Aris Verduijn
(74) ir. P.J. Hylarides c.s.
(31) 2018337
(32) 08.02.2017
(33) Netherlands

(51) E21B 7/06
E21B 33/02
E21B 15/02
(11) 2018742
(47) 29.10.2018
(22) 19.04.2017
(54) WELL RECOVERY ASSEMBLY FOR RECOVERING A WELL AND METHOD FOR WELL RECOVERY
(73) Roelof Nicolaas Rudolf Antonius Kampman
(72) Roelof Nicolaas Rudolf Antonius Kampman
(74) ir. P.J. Hylarides c.s.

(51) F16C 29/00
(11) 2018738
(47) 29.10.2018
(22) 19.04.2017
(54) Guide unit and method for manufacturing such a guide unit.
(73) Almotion B.V.
(72) Leopold Peerboom
(74) ir. J.M.G. Dohmen c.s.

(51) F16H 3/00
B60K 6/48
F16H 37/04
F16H 57/04
(11) 2018735
(47) 29.10.2018
(22) 18.04.2017
(54) Transmission system for a vehicle
(73) Punch Powertrain N.V.
(72) Roell Marie Van Druten
(74) ir. C.M. Jansen c.s.

(51) F16H 3/00
B60K 6/48
F16H 37/04
F16H 57/04
(11) 2019856
(47) 29.10.2018
(22) 06.11.2017
(54) Transmission system for a vehicle
(73) Punch Powertrain N.V.
(72) Roell Marie Van Druten
(74) ir. C.M. Jansen c.s.
(31) 2018735
(32) 18.04.2017
(33) Netherlands

(51) F16H 61/00
F16H 61/02
F16H 63/34
F16H 57/04
F16H 61/12
(11) 2018732
(47) 29.10.2018
(22) 18.04.2017
(54) a hydraulic system for a vehicle, a vehicle transmission, and method for operating a vehicle transmission
(73) Punch Powertrain N.V.
(72) Roell Marie Van Druten
Peter Mark Smid
(74) ir. C.M. Jansen c.s.

(51) F25D 15/00
(11) 1042339
(47) 24.10.2018
(22) 13.04.2017
(54) synergie krat/houder met koelelement, koelkrat
(73) Adriaan de Kuijper
(72) Adriaan de Kuijper

(51) G01J 3/28
G01J 3/02
(11) 1042341
(47) 24.10.2018
(22) 14.04.2017
(54) Aberratievrije telescoop en collimator voor een imaging spectrometer
(73) Innovative Space B.V.
(72) Kees Moddemeijer

(51) G08G 1/08
(11) 2018711
(47) 24.10.2018
(22) 13.04.2017
(54) A system for controlling traffic lights and a corresponding control unit.
(73) Dynniq Peek Traffic B.V.
(72) Robbin John Blokpoel
Mahtab Joueiai
(74) ir. J.M.G. Dohmen c.s.

(51) H02M 1/44
H01L 23/36
H01L 23/373
H01L 23/522
H01L 23/552
H01L 23/00
H01L 25/07
H02M 7/00
H05K 7/20
(11) 2020394
(47) 29.10.2018
(22) 07.02.2018
(54) ELECTRONIC MODULE
(73) Shindengen Electric Manufacturing Co., Ltd
(72) Junya Yuguchi
Kousuke Ikeda
Kenichi Suzuki
(74) mr. drs. A.J.W. Hooiveld c.s.
(31) PCT/JP2017/005147
(32) 13.02.2017
(33) Japan

(51) H02M 1/44
H01L 23/36
H01L 23/373
H01L 23/522
H01L 23/552
H01L 23/00
H01L 25/07
H02M 7/00
H05K 7/20
(11) 2020395
(47) 29.10.2018
(22) 07.02.2018
(54) ELECTRONIC MODULE
(73) Shindengen Electric Manufacturing Co., Ltd
(72) Junya Yuguchi
Kousuke Ikeda
Kenichi Suzuki
(74) mr. drs. A.J.W. Hooiveld c.s.
(31) PCT/JP2017/005155
(32) 13.02.2017
(33) Japan

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.

EP2

Voor Nederland verleende Europese octrooien.
Contains data concerning European patents granted for The Netherlands.

(51) A01B 69/00
(11) EP2910099
(21) EP15401011.0
(47) 31.10.2018
(22) 20.02.2015
(54) METHOD FOR CALIBRATING A DRAWN OR SELF-PROPELLED UTILITY VEHICLE PROVIDED WITH AT LEAST ONE STEERABLE AXLE
(73) CLAAS Saulgau GmbH
(72) Frank, Kornelius
Sauter, Stefan
(31) 102014102302
(32) 21.02.2014
(33) Germany

(51) A01D 34/82
A01D 34/90
(11) EP2789221
(21) EP14164539.0
(47) 31.10.2018
(22) 14.04.2014
(54) Vegetation cutter
(73) Techtronic Outdoor Products Technology Limited
(72) Chung, Koon For
(31) PCT/CN2013/074171
(32) 12.04.2013
(33) World Intellectual Property Office (WIPO)

(51) A01D 41/12
(11) EP3103318
(21) EP16173876.0
(47) 31.10.2018
(22) 10.06.2016
(54) GRAIN TANK WITH FORCE ASSISTING ELEMENT FOR COVER
(73) CNH Industrial Belgium nv
(72) Vandevelde, Pieter
Willem, Pieter J.P.
(31) 201505356
(32) 10.06.2015
(33) Belgium

(51) A01D 51/00
A63B 47/02
(11) EP3226676
(21) EP14838843.2
(47) 31.10.2018
(87) IT2014000323
09.06.2016
(22) 04.12.2014
(54) PICKING DEVICE AND ASSOCIATED METHOD
(73) Cifarelli S.p.A.
(72) CIFARELLI Roberto

(51) A01F 15/08
(11) EP3117699
(21) EP16178487.1
(47) 31.10.2018
(22) 07.07.2016
(54) RECTANGULAR BALER WITH A DENSITY CONTROL SYSTEM AND DENSITY CONTROL METHOD
(73) CNH Industrial Belgium nv
(72) KINDT, Dieter
MONBALIU, Sven
VERHAEGHE, Didier
WILLEM, Bram
(31) 201505449
(32) 14.07.2015
(33) Belgium

(51) A01F 29/22
A01D 75/08
(11) EP2932822
(21) EP15163222.1
(47) 31.10.2018
(22) 10.04.2015
(54) KNIFE SHARPENING DEVICE
(73) CLAAS Saulgau GmbH
(72) Boll, Ulrich
(31) 102014105449
(32) 16.04.2014
(33) Germany

(51) A01G 20/47
(11) EP3061375
(21) EP15195489.8
(47) 31.10.2018
(22) 19.11.2015
(54) BATTERY POWERED BACKPACK BLOWER
(73) Black & Decker Inc.
(72) Poole, Brian
Ng, Wong Kun
Sheffer, Joshua M.
Flaherty, Keith D.
Cooper, Joseph B.
Martinez, Philip
(31) 201462082178 P
201514748559
(32) 20.11.2014
24.06.2015
(33) United States of America
United States of America

(51) A01G 23/02
A01G 23/08
F16P 3/12
B27G 21/00
(11) EP3183954
(21) EP17151030.8
(47) 31.10.2018
(22) 02.10.2013
(54) APPARATUS AND METHOD FOR CONTROLLING A TIMBER-WORKING DEVICE
(73) Waratah NZ Limited
(72) Lawler, Richard
James, Michael F
Kaye, Brett James
Marriage, Clinton
(31) 60293112
(32) 10.10.2012
(33) New Zealand

(51) A01H 1/00
A01H 1/04
C12N 9/22
(11) EP2938184
(21) EP13818830.5
(47) 31.10.2018
(87) NL2013050939
03.07.2014
(22) 20.12.2013
(54) METHOD FOR REMOVING GENETIC LINKAGE IN A PLANT
(73) Keygene N.V.
(72) BUNDOCK, Paul
STUURMAN, Jeroen
(31) 201261746399 P
(32) 27.12.2012
(33) United States of America

(51) A01K 5/01
(11) EP3209117
(21) EP15766624.9
(47) 31.10.2018
(87) IB2015056008
28.04.2016
(22) 07.08.2015
(54) SUPPORT COMPRISING BOWLS ABLE TO BE HUNG ON THE WALL TO PROVIDE FOOD AND WATER TO ANIMALS
(73) Bama S.p.A.
(72) BAIOCCHI, Renzo
(31) CZ20140011 U
(32) 21.10.2014
(33) Italy

(51) A01K 11/00
A61N 1/04
A61N 1/05
A61B 5/00
(11) EP3113605
(21) EP15758252.9
(47) 31.10.2018
(87) US2015017150
11.09.2015
(22) 23.02.2015
(54) MARKING TISSUE SURFACES FOR TREATMENT OF LESIONS BY ELECTRICAL NANOPULSES
(73) Pulse Biosciences, Inc.
(72) BLANCO, Cesar Escobar
FORSTER, Elena Tovkan
TAKAHASHI, Stefani Reiko
(31) 201461947800 P
(32) 04.03.2014
(33) United States of America

(51) A01K 13/00
(11) EP2727463
(21) EP11869098.1
(47) 31.10.2018
(87) BR2011000298
10.01.2013
(22) 22.08.2011
(54) STRUCTURAL ARRANGEMENT FOR POST-SURGERY GARMENT FOR DOMESTIC ANIMALS AND THE LIKE

(73) Gomes Bragion, Luciana
(72) Gomes Bragion, Luciana
(31) M9101440
(32) 01.07.2011
(33) Brazil

(51) A01K 13/00
A45D 24/04
A46B 7/02
(11) EP3200579
(21) EP15780919.5
(47) 31.10.2018
(87) FR2015052516
07.04.2016
(22) 18.09.2015
(54) HEAD OF AN ANIMAL GROOMING BRUSH WITH MANUALLY RETRACTABLE COMB
(73) SSERTSON GROUP
(72) CATHAUD, Eddy
(31) 1459273
(32) 30.09.2014
(33) France

(51) A01K 67/033
C12N 15/85
(11) EP2964018
(21) EP14709910.5
(47) 31.10.2018
(87) EP2014054290
12.09.2014
(22) 05.03.2014
(54) INSECT MUSCLE ACTIN PROMOTER
(73) Oxitec Limited
(72) KOUKIDOU, Martha
SCAIFE, Sarah
ALPHEY, Luke
(31) 201303932
(32) 05.03.2013
(33) United Kingdom

(51) A01N 1/02
(11) EP3162883
(21) EP15815607.5
(47) 31.10.2018
(87) JP2015065754
07.01.2016
(22) 01.06.2015
(54) DEVICE AND METHOD FOR VITRIFICATION CRYOPRESERVATION OF CELLS OR TISSUES
(73) Mitsubishi Paper Mills Limited
(72) MATSUZAWA Atsushi
SUSAKI Katsumitsu
(31) 2014134084
(32) 30.06.2014
(33) Japan

(51) A01N 25/00
A01P 5/00
(11) EP3154339
(21) EP14744651.2
(47) 31.10.2018
(87) PL2014000061
27.08.2015
(22) 10.06.2014
(54) MOLLUSCICIDE COMPOSITION
(73) ICB Pharma Spólka Jawna
(72) SWIETOSLAWSKI, Janusz

(51) A01N 25/10
A01N 25/24
A01N 25/32
A01N 41/10
A01N 25/04
A01N 25/30
A01N 37/40
A01N 39/04
A01N 57/20
(11) EP3133917
(21) EP15724172.0
(47) 31.10.2018
(87) EP2015000838
29.10.2015
(22) 23.04.2015
(54) USE OF AQUEOUS DRIFTREDUCING COMPOSITIONS
(73) Clariant International Ltd
(72) BAUR, Peter
BAUER, Martin
GIESSLER, Stephanie
STAIGER, Siegfried
(31) 102014005771
(32) 23.04.2014
(33) Germany

(51) A01N 33/22
A01N 47/12
A01N 43/82
A01P 13/00
(11) EP2934130
(21) EP13818208.4
(47) 31.10.2018
(87) EP2013076650
26.06.2014
(22) 16.12.2013
(54) HERBICIDAL AGENTS CONTAINING ACLONIFEN
(73) Bayer CropScience Aktiengesellschaft
(72) SCHREIBER, Dominique
WILDE, Thomas
BRÜGGEMANN, Dirk
(31) 102012223500
(32) 18.12.2012
(33) Germany

(51) A01N 37/16
A01N 59/00
C02F 1/72
C02F 1/32
C02F 103/08
(11) EP2590509
(21) EP11760555.0
(47) 31.10.2018
(87) IB2011053054
12.01.2012
(22) 08.07.2011
(54) METHOD FOR THE PREPARATION AND THE USE OF BIOCIDES ENRICHED IN ACTIVE RADICALS BEFORE USAGE
(73) Chimec S.p.A.
(72) BUCCOLINI, Marco
CESARI, Massimiliano
SCHIAPARELLI, Stefano
(31) RM20100372
(32) 08.07.2010
(33) Italy

(51) A01N 43/40
A01P 3/00
A01N 43/56
(11) EP2437595
(21) EP10722006.3
(47) 31.10.2018
(87) EP2010003203
09.12.2010
(22) 26.05.2010
(54) USE OF FLUOPYRAM FOR CONTROLLING SCLEROTINIA SSP
(73) Bayer CropScience AG
(72) WETCHOLOWSKY, Ingo
RIECK, Heiko
LABOURDETTE, Gilbert
GERALDES, Jose, Augusto
(31) 09161671
(32) 02.06.2009
(33) European Patent Office (EPO)

(51) A01N 43/40
A01P 3/00
A61K 8/27
A61K 8/49
A61Q 5/00
C09D 5/16
A01N 59/16
(11) EP3160228
(21) EP14824128.4
(47) 31.10.2018
(87) IN2014000713
30.12.2015
(22) 07.11.2014
(54) SYNERGISTIC ANTIMICROBIAL COMPOSITION OF ZINC PYRITHIONE
(73) Jubilant Life Sciences Limited
(72) SHARMA, Vineet
AGARWAL, Ashutosh
(31) 1725DE2014
(32) 27.06.2014
(33) India

(51) A01N 43/42
A61K 31/44
A61P 3/04
A61K 31/485
(11) EP2608670
(21) EP11820517.8
(47) 31.10.2018
(87) US2011048794
01.03.2012
(22) 23.08.2011
(54) METHODS FOR TREATING ANTIPSYCHOTIC-INDUCED WEIGHT GAIN
(73) Alkermes Pharma Ireland Limited
(72) DEAVER, Daniel
TODTENKOPF, Mark
(31) 376120 P
(32) 23.08.2010
(33) United States of America

(51) A01N 43/80
A01P 7/04
(11) EP2887810
(21) EP13750085.6
(47) 31.10.2018
(87) EP2013067186
27.02.2014
(22) 16.08.2013
(54) METHODS OF CONTROLLING INSECTS
(73) Syngenta Participations AG
(72) EL QACEMI, Myriem
CASSAYRE, Jérôme Yves
(31) 12181768
12195020

13180405
(32) 24.08.2012
30.11.2012
14.08.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)

(51) A01N 43/90
A01N 43/22
A01P 7/04
(11) EP1863496
(21) EP06739077.3
(47) 31.10.2018
(87) US2006010145
28.09.2006
(22) 21.03.2006
(54) METHOD FOR THE PROTECTION OF TREES
(73) Syngenta Participations AG
The Texas A&M University System
(72) GROSSMAN, Donald M.
COX, David
(31) 664020 P
(32) 22.03.2005
(33) United States of America

(51) A01N 63/02
A01K 67/033
A01N 25/04
(11) EP3179859
(21) EP15750050.5
(47) 31.10.2018
(87) EP2015068588
18.02.2016
(22) 12.08.2015
(54) COMPOSITION COMPRISING ARTHROPOD EGGS
(73) AgroSolutions
(72) FERRERO, Maxime
MAIGNET, Pascal
BONHOMME, Antoine
(31) 1457771
(32) 12.08.2014
(33) France

(51) A01N 63/02
A01M 29/12
A01P 17/00
(11) EP3056085
(21) EP14840772.9
(47) 31.10.2018
(87) JP2014071892
05.03.2015
(22) 21.08.2014
(54) REPELLANT FOR REPELLING ROOT-KNOT NEMATODES, METHOD FOR MANUFACTURING SAME AND REPELLING METHOD USING REPELLANT
(73) Sophia School Corporation
(72) SAITO, Tamao
BARTLEM, Derek
(31) 2013174827
(32) 26.08.2013
(33) Japan

(51) A01P 13/02
A01N 39/04
A01N 43/54
(11) EP2931048
(21) EP13863302.9
(47) 31.10.2018
(87) US2013073845
19.06.2014
(22) 09.12.2013
(54) SYNERGISTIC WEED CONTROL FROM APPLICATIONS OF AMINOCYCLOPYRACHLOR AND 2,4 DICHLOROPHENOXYACETIC ACID (2,4-D)
(73) Dow AgroSciences LLC
(72) OVALLE, Daniel
CARRANZA GARZON, Nelson M.
PANIAGUA, Leonardo
ROJAS-CALVO, Carlos E.
MASTERS, Robert A.
(31) 201261736207 P
(32) 12.12.2012
(33) United States of America

(51) A21B 1/02
(11) EP3082434
(21) EP14871572.5
(47) 31.10.2018
(87) US2014070601
25.06.2015
(22) 16.12.2014
(54) A CONTINUOUS RENEWAL SYSTEM FOR A WIRE MESH HEATING ELEMENT AND A WOVEN ANGLED WIRE MESH
(73) De Luca Oven Technologies, LLC
(72) DE LUCA, Nicholas P.
PERKINS, Andrew
(31) 201361916705 P
201462000598 P
(32) 16.12.2013
20.05.2014
(33) United States of America
United States of America

(51) A21C 11/16
A21C 11/10
A23P 20/00
B26D 1/30
B26D 3/00
B26D 3/24
A23P 30/25
(11) EP3103346
(21) EP15743676.7
(47) 31.10.2018
(87) JP2015050777
06.08.2015
(22) 14.01.2015
(54) FOOD SHAPING DEVICE
(73) Rheon Automatic Machinery Co., Ltd.
(72) HASHIMOTO, Shigeru
ODERAOTOSHI, Takeshi
(31) 2014014735
2014212346
(32) 29.01.2014
17.10.2014
(33) Japan
Japan

(51) A21D 2/18
A21D 2/26
A21D 2/36
A21D 10/04
(11) EP2947994
(21) EP13872831.6
(47) 31.10.2018
(87) US2013042796
31.07.2014
(22) 28.05.2013
(54) SHELF-STABLE, BROWNIE PRODUCT
(73) General Mills, Inc.
(72) ENZ, Jeffrey F.
DRONEN, Dana
KLOSTERMANN, Andrea
(31) 201361756662 P
(32) 25.01.2013
(33) United States of America

(51) A21D 2/36
A21D 8/02
A21D 10/00
A21D 13/04
A23L 7/10
A23L 7/109
A23L 7/117
(11) EP2879503
(21) EP13753906.0
(47) 31.10.2018
(87) IL2013050654
06.02.2014
(22) 31.07.2013
(54) DOUGH COMPRISING PLANT MATERIAL FROM DUCKWEEDS AND FOOD PRODUCTS PREPARED THEREFROM
(73) Hino-Man Ltd.
(72) ELITUV, Ehud
(31) 201261677558 P
(32) 31.07.2012
(33) United States of America

(51) A21D 2/36
A23D 7/005
A23L 3/3463
A21D 2/16
A21D 2/18
A21D 13/06
A21D 13/066
A21D 13/068
A23P 10/20
A23P 10/22
A23P 10/40
A23L 29/212
A23L 33/20
A23L 17/10
A21D 13/40
A23L 3/46
A23L 17/60
A23L 35/00
(11) EP2983479
(21) EP14711722.0
(47) 31.10.2018
(87) EP2014055057
18.09.2014
(22) 14.03.2014
(54) MICROALGAL FLOUR GRANULES AND PROCESS FOR PREPARATION THEREOF
(73) Corbion Biotech, Inc.
(72) PASSE, Damien
(31) 13159385
(32) 15.03.2013
(33) European Patent Office (EPO)

(51) A21D 8/04
A21D 13/40
A21D 10/00
(11) EP3182830
(21) EP15753020.5

(47) 31.10.2018
(87) EP2015068931
25.02.2016
(22) 18.08.2015
(54) USE OF GH5 XYLANASE AND GH8, GH10 OR GH11 XYLANASE IN DOUGH, DOUGH AND BAKING COMPOSITION COMPRISING THESE XYLANASE
(73) Novozymes A/S
(72) KROGH, Kristian Bertel Roemer M.
ENGELSEN, Merete Moeller
BECKER, Fiona
(31) 14181583
(32) 20.08.2014
(33) European Patent Office (EPO)

(51) A21D 8/04
C12N 9/16
C12N 9/08
(11) EP2595487
(21) EP11733863.2
(47) 31.10.2018
(87) EP2011062342
26.01.2012
(22) 19.07.2011
(54) PROCESS FOR PRODUCING A BAKED PRODUCT HAVING INCREASED FLAVOR STABILITY WITH CATALASE AND PHOSPHOLIPASE
(73) Novozymes A/S
(72) BENNEDBÆK-JENSEN, Sidsel Langballe
ØSTDAL, Henrik
(31) 10170282
(32) 21.07.2010
(33) European Patent Office (EPO)

(51) A21D 13/02
A23L 7/10
A23L 27/00
(11) EP2822401
(21) EP13713269.2
(47) 31.10.2018
(87) US2013029662
12.09.2013
(22) 07.03.2013
(54) OXIDIZED FLAVOR NOTE SUPPRESSION IN COMESTIBLES
(73) Kraft Foods Group Brands LLC
(72) HERRERA-GOMEZ, Orlando
DIERBACH, Lisa Ann
TOPINKA, John B.
BARBER, Deborah D.
(31) 201261609044 P
201261704127 P
(32) 09.03.2012
21.09.2012
(33) United States of America
United States of America

(51) A22C 15/00
B65G 47/61
(11) EP3103348
(21) EP15171209.8
(47) 31.10.2018
(22) 09.06.2015
(54) HANDLING APPARATUS AND METHOD
(73) Poly-clip System GmbH & Co. KG
(72) Hofschulte, Jens, Dr.-Ing.

(51) A22C 21/00
(11) EP3157344
(21) EP15732992.1
(47) 31.10.2018
(87) NL2015050431
23.12.2015
(22) 11.06.2015
(54) METHOD AND SYSTEM FOR PROCESSING A DEFEATHERED WHOLE LEG POULTRY PRODUCT
(73) Marel Stork Poultry Processing B.V.
(72) ANNEMA, Heinze
DRABBELS, Richard Gerard Johan
CLAESSENS, Roger Pierre Hubertus Maria
VAN DEN HEUVEL, Stefan Christianus Wilhelmus Martinus
VAN KEMPEN, Pascal Peter André
BOS, Jan Willem
(31) 2013019
2013018
2013017
(32) 18.06.2014
18.06.2014
18.06.2014
(33) Netherlands
Netherlands
Netherlands

(51) A22C 25/12
A22C 25/08
(11) EP3058829
(21) EP15155995.2
(47) 31.10.2018
(22) 20.02.2015
(54) Device for positioning and aligning fish bodies
(73) NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO KG
(72) Dann, Andreas

(51) A23B 4/12
A23B 4/20
A23L 27/10
A23L 13/70
(11) EP2845489
(21) EP14003531.2
(47) 31.10.2018
(22) 06.09.2006
(54) Compositions for improving flavor and safety of marinated meat products
(73) Triad Resource Technologies LLC
(72) Toledo, Mo, Mui
(31) 716973 P
(32) 15.09.2005
(33) United States of America

(51) A23C 3/04
A23C 9/123
A23C 9/137
A23C 19/076
A23L 29/256
A23L 29/281
(11) EP3091839
(21) EP14828460.7
(47) 31.10.2018
(87) EP2014078912
25.06.2015
(22) 19.12.2014
(54) METHOD TO LIGHTEN THE TEXTURE OF A FERMENTED DAIRY PRODUCT
(73) Compagnie Gervais Danone
(72) CATONNET, Guillaume
PHILIPPE, Jean-Marc
(31) PCT/IB2013/003009
(32) 20.12.2013
(33) World Intellectual Property Office (WIPO)

(51) A23C 9/133
A23C 9/156
A23C 21/08
A23L 3/015
A23L 3/3418
A23L 3/3445
A23B 7/152
B65B 31/00
A23C 7/04
A23L 5/10
A23L 5/00
(11) EP2617291
(21) EP13000210.8
(47) 31.10.2018
(22) 15.01.2013
(54) Method for producing a preserved food from milk, fruit and/or vegetable products
(73) HIPP & CO
(72) Tomusch, Frithjof
(31) 102012000808
(32) 18.01.2012
(33) Germany

(51) A23C 21/04
A23L 29/231
A23L 29/256
A23L 29/262
A23L 27/60
A23L 23/00
A23L 35/00
A23C 21/06
A23C 21/08
(11) EP2888945
(21) EP13199571.4
(47) 31.10.2018
(22) 24.12.2013
(54) Compositions based on acidic whey and its uses
(73) DMK Deutsches Milchkontor GmbH
(72) Borcherding, Katja
Hoch, Matthias

(51) A23D 7/00
A23D 7/02
(11) EP3302081
(21) EP16723283.4
(47) 31.10.2018
(87) EP2016059732
01.12.2016
(22) 02.05.2016
(54) PROCESS FOR PREPARING FAT SLURRIES AND A PROCESS FOR PREPARING EMULSIONS OF SUCH SLURRIES
(73) Unilever BCS Europe B.V.
(72) HOGERVORST, Wim,Theodorus
MEEUSE, Frederik, Michiel
LEENHOUTS, Abraham
POTMAN, Ronald, Peter
(31) 15169579
(32) 28.05.2015
(33) European Patent Office (EPO)

(51) A23D 9/00
C11B 3/00
C11B 3/16
C10L 1/02
B01D 21/26
B01D 24/00

(11) EP2224819
(21) EP08860597.7
(47) 31.10.2018
(87) GB2008004152
18.06.2009
(22) 12.12.2008
(54) METHOD FOR PREPARING A FUEL OIL
(73) Living Fuels Limited
(72) POCKNELL, Tony, Michael
VENNI, Adrian, Kurt
(31) 0724302
(32) 13.12.2007
(33) United Kingdom

(51) A23F 3/16
(11) EP2965635
(21) EP14760538.0
(47) 31.10.2018
(87) JP2014055512
12.09.2014
(22) 04.03.2014
(54) LIGHT-COLOURED TEA BEVERAGE
(73) Suntory Holdings Limited
(72) KOBAYASHI, Shinichi
FURUTA, Hiroki
SENGA, Yoshinori
IBUSUKI, Daigo
(31) 2013042412
2013042415
2013042422
2013042423
2013042424
(32) 04.03.2013
04.03.2013
04.03.2013
04.03.2013
04.03.2013
(33) Japan
Japan
Japan
Japan
Japan

(51) A23G 3/34
A61K 9/20
C07C 31/26
C07H 3/06
A23G 4/10
A23L 5/00
(11) EP3164012
(21) EP15753089.0
(47) 31.10.2018
(87) FR2015051820
07.01.2016
(22) 01.07.2015
(54) NOVEL SWEETENING COMPOSITION
(73) Roquette Frères
(72) ORTIZ DE ZARATE, Dominique
LAGACHE, Sylvie
BUSOLIN, André
BARRE, Antoine
(31) 1456288
(32) 01.07.2014
(33) France

(51) A23G 9/24
A23G 9/26
A23G 9/34
A23G 9/48
A23L 5/00
A23G 9/06
A23G 9/32
A23P 20/10
(11) EP2983489
(21) EP14709262.1
(47) 31.10.2018
(87) EP2014054588
16.10.2014
(22) 10.03.2014
(54) PROCESS FOR THE MANUFACTURE OF A FROZEN CONFECTION
(73) Unilever N.V.
(72) ALDRED, Deborah Lynne
BRAMLEY, Allan Sidney
(31) 13162682
(32) 08.04.2013
(33) European Patent Office (EPO)

(51) A23K 20/142
A23K 50/80
A23K 40/25
(11) EP2381798
(21) EP10736084.4
(47) 31.10.2018
(87) NO2010000027
05.08.2010
(22) 25.01.2010
(54) FEED ADDITIVE
(73) Nutreco IP Assets B.V.
(72) KOPPE, Wolfgang, M.
OBACH, Alex
NANKERVIS, Leo
(31) 20090414
(32) 28.01.2009
(33) Norway

(51) A23K 20/26
C05B 13/00
C05B 13/04
C05D 9/02
(11) EP2393381
(21) EP10707676.2
(47) 31.10.2018
(87) IN2010000062
12.08.2010
(22) 03.02.2010
(54) MICRONUTRIENT FERTILIZERS AND METHODS OF MAKING AND USING THE SAME
(73) Agtec Innovations, Inc.
(72) Varadachari, Chandrika
(31) KO01842009
KO12662009
(32) 03.02.2009
21.10.2009
(33) India
India

(51) A23K 50/00
A23K 20/189
A61P 1/00
(11) EP3079483
(21) EP14811866.4
(47) 31.10.2018
(87) EP2014077353
18.06.2015
(22) 11.12.2014
(54) USE OF THE ASPERGILLUS NIGER ASPERGILLOGLUTAMIC PEPTIDASE TO IMPROVE ANIMAL PERFORMANCE
(73) Novozymes A/S
DSM IP Assets B.V.
(72) BRUINS, Maaike Johanna
EDENS, Luppo
LENEKE, Nan
(31) 13196583
(32) 11.12.2013
(33) European Patent Office (EPO)

(51) A23K 50/48
A23K 50/40
A23K 10/20
(11) EP2928320
(21) EP13805664.3
(47) 31.10.2018
(87) US2013071497
12.06.2014
(22) 22.11.2013
(54) PSEUDO-LOAF FOOD COMPOSITIONS
(73) Nestec S.A.
(72) RAYNER, Michael G.
RAYNER, Jean, Luz
MILLER, Rachel
(31) 201261733079 P
(32) 04.12.2012
(33) United States of America

(51) A23L 2/02
A23L 2/66
A61K 36/87
A61K 36/185
A23L 19/00
A23L 33/00
A23L 33/105
A23L 33/20
A23L 33/21
A23L 2/52
A21D 2/36
(11) EP2796058
(21) EP12859041.1
(47) 31.10.2018
(87) ES2012070885
27.06.2013
(22) 20.12.2012
(54) ANTIOXIDANT INGREDIENT WITH LOW CALORIE CONTENT, METHOD FOR OBTAINING SAME AND USE THEREOF
(73) Consejo Superior De Investigaciones Científicas (CSIC)
(72) SAURA CALIXTO, Fulgencio Diego
(31) 201132052
(32) 20.12.2011
(33) Spain

(51) A23L 2/385
A23L 3/3454
A23P 10/40
A23L 19/00
A23L 5/43
A23L 33/15
A23L 33/16
A23L 5/00
A23L 33/105
(11) EP2938209
(21) EP13814985.1
(47) 31.10.2018
(87) EP2013078022
03.07.2014
(22) 26.12.2013
(54) STABILISATION OF NATURAL DYES BY AN ACEROLA POWDER
(73) Diana Food

(72) RENAULT, Emilie
LAROQUE, Delphine
(31) 1262799
(32) 26.12.2012
(33) France

(51) A23L 2/56
(11) EP2822399
(21) EP13710757.9
(47) 31.10.2018
(87) US2013029793
12.09.2013
(22) 08.03.2013
(54) BEVERAGE PRODUCTS CONTAINING 1,3-PROPANEDIOL AND METHODS OF MODIFYING FLAVOR RELEASE USING 1,3-PROPANEDIOL
(73) Kraft Foods Group Brands LLC
(72) DIERBACH, Lisa, Ann
BARBER, Deborah, D.
LI, Hui-Chen
TOPINKA, John, B.
ZELLER, Bary Lyn
HIGH, Ryan
(31) 201261609044 P
201261704054 P
(32) 09.03.2012
21.09.2012
(33) United States of America
United States of America

(51) A23L 2/56
A23L 27/00
(11) EP3160592
(21) EP15712205.2
(47) 31.10.2018
(87) US2015017896
03.09.2015
(22) 27.02.2015
(54) COMPOSITIONS WITH REDUCED BITTER TASTE PERCEPTION
(73) The Procter & Gamble Company
(72) LIN, Yakang
SREEKRISHNA, Koti
(31) 201461945437 P
201462065846 P
(32) 27.02.2014
20.10.2014
(33) United States of America
United States of America

(51) A23L 15/00
A23L 33/00
A23C 9/20
(11) EP3179868
(21) EP15787042.9
(47) 31.10.2018
(87) NL2015050580
18.02.2016
(22) 17.08.2015
(54) LIPID COMPOSITION FOR IMPROVING BEHAVIOUR
(73) N.V. Nutricia
(72) SCHIPPER, Anniek Lidewij
VAN DER BEEK, Eline Marleen
BARTKE, Nana
(31) 14181194
(32) 15.08.2014
(33) European Patent Office (EPO)

(51) A23L 27/20
C07D 409/12
C07D 213/16
(11) EP3019034
(21) EP14734162.2
(47) 31.10.2018
(87) EP2014063962
08.01.2015
(22) 01.07.2014
(54) ORGANIC COMPOUNDS
(73) Givaudan SA
(72) BOM, David C.
(31) 201361841602 P
(32) 01.07.2013
(33) United States of America

(51) A23L 29/206
A23L 25/00
A23C 19/055
(11) EP2943077
(21) EP14738061.2
(47) 31.10.2018
(87) US2014011362
17.07.2014
(22) 13.01.2014
(54) NON-DAIRY RICOTTA CHEESE REPLICA
(73) Impossible Foods Inc.
(72) HOLZ-SCHIETINGER, Celeste
KLAPHOLZ, Sue
VARADAN, Ranjani
CASINO, Monte
BROWN, Patrick O'Reilly
EISEN, Michael
COHN, Elysia
PREVOT, Jean
(31) 201361751818 P
(32) 11.01.2013
(33) United States of America

(51) A23L 29/30
A23L 33/26
A23L 5/00
A23L 7/00
A23L 7/126
A23P 10/20
(11) EP2464245
(21) EP10742994.6
(47) 31.10.2018
(87) US2010044972
17.02.2011
(22) 10.08.2010
(54) LOW WATER ACTIVITY FOOD BINDER AND METHODS RELATED THERETO
(73) Kellogg Company
(72) GARTER, Barbara
(31) 233513 P
(32) 13.08.2009
(33) United States of America

(51) A23L 33/135
A23L 33/125
A23L 33/21
A23L 33/22
A61K 31/733
A61K 35/74
A23L 29/30
A61K 31/702
(11) EP2162020
(21) EP08766799.4
(47) 31.10.2018
(87) NL2008050376
18.12.2008
(22) 13.06.2008
(54) NUTRITION WITH NON-VIABLE BIFIDOBACTERIUM AND NON-DIGESTIBLE OLIGOSACCHARIDE
(73) N.V. Nutricia
(72) HOUGEE, Sander
VRIESEMA, Adrianus Johannes Maria
GARSSEN, Johan
KNOL, Jan
(31) PCT/NL2007/050290
(32) 15.06.2007
(33) World Intellectual Property Office (WIPO)

(51) A23P 20/12
A23L 29/212
A23L 19/18
(11) EP2674038
(21) EP13171703.5
(47) 31.10.2018
(22) 12.06.2013
(54) Heat moisture treated and thermally inhibited starches and flours that improve the crispness of battered and breaded foods
(73) CORN Products Development Inc.
(72) Sistrunk, Callen
Shah, Himanshu
Tarak, Shah
(31) 201261659025 P
201213542162
(32) 13.06.2012
05.07.2012
(33) United States of America
United States of America

(51) A24B 15/18
A24B 15/30
(11) EP3242568
(21) EP16700852.3
(47) 31.10.2018
(87) GB2016050012
14.07.2016
(22) 05.01.2016
(54) MATERIAL FOR INCLUSION IN A SMOKING ARTICLE
(73) British American Tobacco (Investments) Ltd
(72) JOHN, Edward
BENNING, Jocelyn
COBURN, Steven
BRICE, Thomas
(31) 201500168
(32) 07.01.2015
(33) United Kingdom

(51) A24C 5/32
(11) EP2978324
(21) EP14716961.9
(47) 31.10.2018
(87) IB2014060182
02.10.2014
(22) 26.03.2014
(54) CONVEYOR FOR TRANSFERRING ROD-SHAPED SMOKERS' ARTICLES
(73) G.D S.p.A.
(72) PASTORE, Fulvio
SELMI, Lorenzo
VISCANTI, Nicola
SARTONI, Massimo
(31) BO20130131
(32) 27.03.2013
(33) Italy

(51) A24C 5/34

(11) EP1816921
(21) EP05807324.8
(47) 31.10.2018
(87) GB2005004427
01.06.2006
(22) 16.11.2005
(54) IGNITION SYSTEM
(73) MPRD Limited
(72) Twelftree, Martin
(31) 0426162
(32) 29.11.2004
(33) United Kingdom

(51) A24D 3/08
A24D 3/06
A24D 3/16
A24D 3/14
(11) EP2844091
(21) EP13720594.4
(47) 31.10.2018
(87) IB2013052096
07.11.2013
(22) 15.03.2013
(54) SMOKING ARTICLE MOUTHPIECE INCLUDING AEROGEL
(73) Philip Morris Products S.A.
(72) RASOULI, Firooz
SECHI, Gianluca
(31) 201261640235 P
12166201
(32) 30.04.2012
30.04.2012
(33) United States of America
European Patent Office (EPO)

(51) A24F 47/00
A61M 15/00
(11) EP3232836
(21) EP15813015.3
(47) 31.10.2018
(87) EP2015079595
23.06.2016
(22) 14.12.2015
(54) AEROSOL-GENERATING SYSTEM COMPRISING MOVEABLE CARTRIDGE
(73) Philip Morris Products S.A.
(72) BATISTA, Rui Nuno
(31) 14198070
(32) 15.12.2014
(33) European Patent Office (EPO)

(51) A41C 1/02
A41C 1/10
A41D 1/21
A61F 5/03
A61F 13/08
(11) EP2254429
(21) EP09721564.4
(47) 31.10.2018
(87) AU2009000310
24.09.2009
(22) 16.03.2009
(54) COMPRESSION GARMENT
(73) Gilheany & O'Donovan Holdings Pty Ltd
(72) DUMPSON, Carmella
O'DONOVAN, Sinead
(31) 2008901285
2008901644
(32) 17.03.2008
07.04.2008
(33) Australia
Australia

(51) A42B 3/22
(11) EP3195745
(21) EP17000032.7
(47) 31.10.2018
(22) 10.01.2017
(54) VISOR AND HELMET PROVIDED WITH SUCH A VISOR
(73) Salomon S.A.S.
(72) Donnadieu, Thierry
Girault, Eric
(31) 1600114
(32) 22.01.2016
(33) France

(51) A43B 1/04
A43B 23/02
A43B 5/06
A43B 7/20
A43B 23/07
A43B 23/08
A43B 23/26
(11) EP2919609
(21) EP13854208.9
(47) 31.10.2018
(87) US2013068845
22.05.2014
(22) 07.11.2013
(54) ARTICLE OF FOOTWEAR INCORPORATING A KNITTED COMPONENT
(73) NIKE Innovate C.V.
(72) BAINES, Simon, John
BAUDOUIN, Alexander
MOLYNEUX, James
SEAMARKS, Karl
SHAFFER, Benjamin, A.
TORAYA, Erin
WOODMAN, Phil
(31) 201261727010 P
201313944638
(32) 15.11.2012
17.07.2013
(33) United States of America
United States of America

(51) A43B 7/14
A43B 13/14
A43B 13/18
A43B 13/20
(11) EP2685855
(21) EP12716799.7
(47) 31.10.2018
(87) US2012028094
20.09.2012
(22) 07.03.2012
(54) FOOTWEAR SOLE STRUCTURE INCORPORATING A PLURALITY OF CHAMBERS
(73) NIKE Innovate C.V.
(72) SHAFFER, Benjamin A.
DEKOVIC, Denis
LONG, Bradley S.
SANTA MARIA, Brian E.
TAYLOR, Danielle L.
(31) 201113049245
(32) 16.03.2011
(33) United States of America

(51) A43B 7/14
A43B 13/16
A43B 13/18
A43B 13/20
A43B 13/38
(11) EP2897482
(21) EP13765902.5
(47) 31.10.2018
(87) US2013059268
27.03.2014
(22) 11.09.2013
(54) SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING PLATE MODERATED FLUID-FILLED BLADDERS AND/OR FOAM TYPE IMPACT FORCE ATTENUATION MEMBERS
(73) NIKE Innovate C.V.
(72) BRUCE, Robert M.
HEARD, Joshua P.
(31) 201213623722
(32) 20.09.2012
(33) United States of America

(51) A43B 13/14
A43B 13/22
A43C 15/16
A43B 5/02
(11) EP2818072
(21) EP14003272.3
(47) 31.10.2018
(22) 30.08.2012
(54) Article of footwear comprising a ground-engaging member with support members
(73) NIKE Innovate C.V.
(72) Auger, Perry W.
Caine, Andrew
Cavaliere, Sergio
(31) 201113234183
(32) 16.09.2011
(33) United States of America

(51) A43B 13/18
A43B 13/20
B29D 35/12
B29D 35/14
(11) EP2063732
(21) EP07840938.0
(47) 31.10.2018
(87) US2007075914
27.03.2008
(22) 14.08.2007
(54) FLUID-FILLED BLADDER INCORPORATING A FOAM TENSILE MEMBER
(73) NIKE Innovate C.V.
(72) SCHINDLER, Eric S.
(31) 523755
(32) 19.09.2006
(33) United States of America

(51) A43C 1/00
A43B 23/02
A43B 1/04
(11) EP3250068
(21) EP16703223.4
(47) 31.10.2018
(87) US2016014880
04.08.2016
(22) 26.01.2016
(54) WOVEN FOOTWEAR UPPER WITH INTEGRATED TENSILE STRANDS
(73) Nike Innovate C.V.

(72) KOHATSU, Shane S.
DOJAN, Frederick J.
WORKMAN, Brandon
(31) 201562107887 P
(32) 26.01.2015
(33) United States of America

(51) A43C 15/16
(11) EP2375930
(21) EP10762500.6
(47) 31.10.2018
(87) US2010030551
14.10.2010
(22) 09.04.2010
(54) RECEPTACLE FOR REPLACEABLY MOUNTING A TRACTION CLEAT
(73) Pride Manufacturing Company, LLC
(72) BURT, John Robert
SHUTTLEWORTH, Lee Paul
KRIKORIAN, Rand J.
(31) 168245 P
(32) 10.04.2009
(33) United States of America

(51) A44B 11/25
B63C 11/30
F16B 21/08
(11) EP3035816
(21) EP14747662.6
(47) 31.10.2018
(87) EP2014066873
26.02.2015
(22) 06.08.2014
(54) SAFETY BUCKLE WITH PROVISION FOR EMERGENCY RELEASE
(73) Mares S.p.A.
(72) NOCETI, Dante
ANGELINI, Sergio
AVATANEO, Luciano
(31) GE20130083
(32) 21.08.2013
(33) Italy

(51) A44C 7/00
(11) EP2549901
(21) EP11713908.9
(47) 31.10.2018
(87) US2011029020
29.09.2011
(22) 18.03.2011
(54) POST CARRIER FOR BODY PIERCING INSTRUMENT
(73) Reil, Vladimir
(72) Reil, Vladimir
(31) 730768
(32) 24.03.2010
(33) United States of America

(51) A45C 11/00
B60R 11/02
(11) EP2805640
(21) EP14169451.3
(47) 31.10.2018
(22) 22.05.2014
(54) Case for an electronic device with a coupling system to be coupled to a seat
(73) FERRARI S.p.A.
(72) De Angelis, Salvatore
(31) BO20130240
(32) 22.05.2013
(33) Italy

(51) A45D 34/00
A45D 37/00
A45D 34/04
(11) EP2837305
(21) EP13774954.5
(47) 31.10.2018
(87) KR2013003110
17.10.2013
(22) 12.04.2013
(54) COSMETIC COMPOSITION CONTAINER COMPRISING FOAM
(73) Amorepacific Corporation
(72) CHOI, Jung Sun
CHOI, Kyung Ho
KIM, Kyung Nam
(31) 20120038615
(32) 13.04.2012
(33) Korea (Republic)

(51) A45D 34/04
A45D 40/26
(11) EP2983548
(21) EP14721722.8
(47) 31.10.2018
(87) US2014033324
16.10.2014
(22) 08.04.2014
(54) DISPENSER CAP WITH CLUTCH MECHANISM
(73) HCT Group Holding Ltd.
(72) EBERLEIN, David
BENTLEY, Tom
(31) 201361809797 P
(32) 08.04.2013
(33) United States of America

(51) A45F 3/24
A45F 3/22
(11) EP2979576
(21) EP15177598.8
(47) 31.10.2018
(22) 21.07.2015
(54) HAMMOCK
(73) Küllenberg, Joachim
(72) Küllenberg, Joachim
(31) 202014103523 U
(32) 29.07.2014
(33) Germany

(51) A46B 9/00
A46B 9/06
(11) EP2793648
(21) EP12769900.7
(47) 31.10.2018
(87) EP2012003714
27.06.2013
(22) 05.09.2012
(54) BROOM HEAD WITH BRISTLE STRUCTURE
(73) Carl Freudenberg KG
(72) WEIS, Norbert
CLEMEN, Hans-Jörg
HUNGER, Marc
(31) 102011122106
(32) 22.12.2011
(33) Germany

(51) A46D 3/00
A46B 3/16
A46D 3/04
A46D 3/08
(11) EP3028602
(21) EP15197197.5
(47) 31.10.2018
(22) 01.12.2015
(54) BRUSH TAMPING MACHINE
(73) Borghi S.P.A.
(72) VECCHI, Andrea
FERRARI, Enzo
(31) 102014117575
(32) 01.12.2014
(33) Germany

(51) A47B 61/00
(11) EP2736379
(21) EP12820162.1
(47) 31.10.2018
(87) AU2012000896
07.02.2013
(22) 27.07.2012
(54) METHOD OF MAKING A LOCKER
(73) FSP Holdings Pty Ltd
(72) HEWITT, Stephan
(31) 2011903047
(32) 29.07.2011
(33) Australia

(51) A47C 5/00
A47C 9/00
A47C 3/02
(11) EP2965661
(21) EP14761099.2
(47) 31.10.2018
(87) ES2014070095
12.09.2014
(22) 11.02.2014
(54) PORTABLE BRIEFCASE-CHAIR
(73) Equx Estudio de Diseño, S.L.
(72) SANZA PILAS, Miguel
(31) 201330275 U
(32) 06.03.2013
(33) Spain

(51) A47C 7/02
A47C 7/18
A47C 7/00
(11) EP3005905
(21) EP14807338.0
(47) 31.10.2018
(87) JP2014065083
11.12.2014
(22) 06.06.2014
(54) CHAIR
(73) Okamura Corporation
(72) IGARASHI, Ryo
MASUNAGA, Hiroshi
(31) 2013121270
2013121271
(32) 07.06.2013
07.06.2013
(33) Japan
Japan

(51) A47C 7/02
A61G 5/10
(11) EP3294096
(21) EP17757873.9
(47) 31.10.2018
(87) IB2017054167
18.01.2018
(22) 11.07.2017
(54) DYNAMIC-DIRECTIONAL SEAT PAD
(73) Trencansky, Martin
(72) Trencansky, Martin

(31) 201632554 U
(32) 12.07.2016
(33) Czech Republic

(51) A47C 7/54
A61G 15/02
A47C 1/03
(11) EP3143904
(21) EP16189514.9
(47) 31.10.2018
(22) 19.09.2016
(54) PATIENT SUPPORT APPARATUS
(73) Stryker Corporation
(72) PAUL, Anish
CUTLER, Matthew A.
KONOPACZ, Kaitlin Therese
HOUGH, Christopher Stuart
UPCHURCH, Joseph Adam
McDANIEL, Richard Lee
(31) 201562221164 P
201562249539 P
201615267493
(32) 21.09.2015
02.11.2015
16.09.2016
(33) United States of America
United States of America
United States of America

(51) A47C 31/02
A44B 18/00
B29C 45/44
B29C 44/12
B60N 2/58
(11) EP3041652
(21) EP14786995.2
(47) 31.10.2018
(87) FR2014052156
12.03.2015
(22) 01.09.2014
(54) RETAINING DEVICE HAVING HOOKS
(73) Aplix
(72) MAHE, Anthony
BOSSER, Damien Pierre Antoine
(31) 1358426
(32) 03.09.2013
(33) France

(51) A47F 5/00
B68B 9/00
A47F 7/00
A45F 3/04
B25H 1/06
(11) EP3266351
(21) EP16400023.4
(47) 31.10.2018
(22) 06.07.2016
(54) ASSEMBLY FOR POSITIONING BACKPACKS
(73) Ingenieurbüro consult+control Dr. Ing. J. Westhäusler
(72) Westhäusler, Jürgen

(51) A47G 19/02
A47G 23/03
A47G 23/06
B32B 27/38
A47G 19/00
B44C 5/04
(11) EP3179888
(21) EP14711814.5
(47) 31.10.2018
(87) FR2014050354
26.06.2014
(22) 20.02.2014
(54) DISHWARE AND ASSOCIATED PRODUCTION PROCESS
(73) Revol Porcelaine
(72) TAMBON, Mathieu
(31) 1262420
(32) 20.12.2012
(33) France

(51) A47G 23/06
A47G 19/02
(11) EP3073872
(21) EP14821245.9
(47) 31.10.2018
(87) GB2014053511
04.06.2015
(22) 27.11.2014
(54) PLATE
(73) Piccinini, Carlo
(72) Piccinini, Carlo
(31) 201321134
(32) 29.11.2013
(33) United Kingdom

(51) A47J 27/08
A47J 36/06
(11) EP2882319
(21) EP13828074.8
(47) 31.10.2018
(87) US2013054207
13.02.2014
(22) 08.08.2013
(54) LIP SEALS FOR COOKING APPARATUS AND COOKING APPARATUS HAVING LIP SEAL
(73) HENNY PENNY CORPORATION
(72) SUMMONS, Gary, F.
(31) 201261681116 P
(32) 08.08.2012
(33) United States of America

(51) A47J 27/20
(11) EP2745747
(21) EP13460076.6
(47) 31.10.2018
(22) 18.11.2013
(54) Pressure ham cooker
(73) BROWIN spolka z ograniczona odpowiedzialnoscia spolka komandytowa
(72) Kwapisz, Piotr
(31) 12160012
(32) 18.12.2012
(33) Poland

(51) A47J 31/44
(11) EP2323522
(21) EP09782283.7
(47) 31.10.2018
(87) EP2009061076
25.03.2010
(22) 27.08.2009
(54) BEVERAGE-DISPENSING APPLIANCE
(73) BSH Hausgeräte GmbH
(72) LUIPPOLD, Gregor
(31) 102008042177
(32) 17.09.2008
(33) Germany

(51) A47J 31/44
A47J 31/40
A47J 31/36
(11) EP3141165
(21) EP14891489.8
(47) 31.10.2018
(87) CN2014000828
12.11.2015
(22) 04.09.2014
(54) PACK FEEDING/DETACHING MECHANISM FOR BEVERAGE BREWING DEVICE
(73) Ningbo Quanjing Electric Technology Co. Ltd.
(72) JING, Yudong
DU, Yuanfei
(31) 201410195743
(32) 09.05.2014
(33) China

(51) A47J 31/44
A47J 31/52
A47J 31/36
(11) EP2755535
(21) EP12756501.8
(47) 31.10.2018
(87) EP2012067748
21.03.2013
(22) 12.09.2012
(54) MULTI-SYSTEM BEVERAGE MACHINE MULTIPLE CONNECTIONS
(73) Nestec S.A.
(72) YOAKIM, Alfred
AIT BOUZIAD, Youcef
PERENTES, Alexandre
PHAN, Minh Quan
AGON, Fabien Ludovic
(31) 11181675
(32) 16.09.2011
(33) European Patent Office (EPO)

(51) A47J 36/02
(11) EP3193682
(21) EP15757337.9
(47) 31.10.2018
(87) IB2015055354
28.01.2016
(22) 15.07.2015
(54) DEVICE FOR COOKING FOOD
(73) De' Longhi Appliances S.r.l. Con Unico Socio
(72) DE' LONGHI, Giuseppe
(31) UD20140125
(32) 22.07.2014
(33) Italy

(51) A47J 36/02
A47J 27/00
(11) EP2910157
(21) EP15155600.8
(47) 31.10.2018
(22) 18.02.2015
(54) Vessel for cooking food with anti-deformation bottom
(73) BALLARINI PAOLO & FIGLI S.p.A.
(72) Ferron, Jacopo
Ferron, Francesco
(31) MI20140253
(32) 21.02.2014
(33) Italy

(51) A47J 43/044
A47J 43/07
(11) EP3108781

(21) EP16275088.9
(47) 31.10.2018
(22) 23.06.2016
(54) STAND MIXERS
(73) Kenwood Limited
(72) FIELDS, Robert
(31) 201511271
(32) 26.06.2015
(33) United Kingdom

(51) A47J 43/07
(11) EP1916930
(21) EP06764107.6
(47) 31.10.2018
(87) EP2006064007
22.02.2007
(22) 07.07.2006
(54) HAND-HELD STICK BLENDER COMPRISING HOUSING SHELLS THAT ARE CONNECTED BY A TENSIONED COVER
(73) BSH Hausgeräte GmbH
(72) SEDOVSEK, Aleksander
OGRIZEK, Darko
SEMEJA, Uros
(31) 102005038917
(32) 17.08.2005
(33) Germany

(51) A47J 43/07
(11) EP3185732
(21) EP15750770.8
(47) 31.10.2018
(87) EP2015068986
03.03.2016
(22) 19.08.2015
(54) BLADE ASSEMBLY FOR A KITCHEN APPLIANCE AND KITCHEN APPLIANCE HAVING A BLADE ASSEMBLY
(73) BSH Hausgeräte GmbH
(72) STERGAR, David
KOREN, Peter
JEGRISNIK, Uros
SLAKAN, Gregor
(31) 102014217241
(32) 28.08.2014
(33) Germany

(51) A47J 43/07
(11) EP3185733
(21) EP15751023.1
(47) 31.10.2018
(87) EP2015069105
03.03.2016
(22) 20.08.2015
(54) PROCESSING VESSEL HAVING A COVER AND A SAFETY COUPLING
(73) BSH Hausgeräte GmbH
(72) KOVACIC, Peter
ZLAUS, Uros
SEMEJA, Uros
IVANUSIC, Marko
(31) 102014217244
(32) 28.08.2014
(33) Germany

(51) A47J 43/07
A47B 91/04
A47J 47/16
(11) EP3017738
(21) EP15192524.5
(47) 31.10.2018
(22) 02.11.2015
(54) STAND OF A DEVICE, IN PARTICULAR A TABLE-TOP KITCHEN APPLIANCE
(73) Vorwerk & Co. Interholding GmbH
(72) Cornelißen, Markus
(31) 102014116210
(32) 06.11.2014
(33) Germany

(51) A47J 43/08
F16H 1/22
(11) EP3185736
(21) EP15753674.9
(47) 31.10.2018
(87) EP2015068988
03.03.2016
(22) 19.08.2015
(54) GEARING FOR A FOOD PROCESSOR
(73) BSH Hausgeräte GmbH
(72) KOVACIC, Peter
IVANUSIC, Marko
ZLAUS, Uros
(31) 102014217243
(32) 28.08.2014
(33) Germany

(51) A47K 3/34
E05F 1/00
E05F 1/16
(11) EP2292883
(21) EP10175034.7
(47) 31.10.2018
(22) 02.09.2010
(54) Sliding door assembly
(73) Geberit Service AB
(72) Danielsson Spogardh, Stefan
(31) 0950630
(32) 02.09.2009
(33) Sweden

(51) A47L 5/36
A47L 9/00
B25H 1/12
B25H 3/00
B25H 3/02
(11) EP3135168
(21) EP16188769.0
(47) 31.10.2018
(22) 24.06.2014
(54) STACKABLE SUCTION DEVICE
(73) Festool GmbH
(72) Barabeisch, Markus
(31) 102013012240
(32) 23.07.2013
(33) Germany

(51) A47L 7/00
E04B 1/70
(11) EP3092928
(21) EP16168962.5
(47) 31.10.2018
(22) 10.05.2016
(54) DEVICE FOR DRYING INSULATING FLOOR LAYERS IN A VACUUM METHOD
(73) TROTEC GmbH & Co. KG
(72) VON DER LIECK, Detlef
DEHEN, Frank
(31) 102015005865
(32) 11.05.2015
(33) Germany

(51) A47L 9/28
(11) EP3282913
(21) EP16714842.8
(47) 31.10.2018
(87) EP2016056990
20.10.2016
(22) 31.03.2016
(54) DUST PROCESSING
(73) Koninklijke Philips N.V.
(72) KARAKAYA, Koray
(31) 15163982
(32) 17.04.2015
(33) European Patent Office (EPO)

(51) A47L 9/28
A47L 11/20
A47L 5/22
B04C 9/00
A47L 9/02
A47L 9/10
A47L 9/16
A47L 9/04
(11) EP3192421
(21) EP15833520.8
(47) 31.10.2018
(87) KR2015008684
25.02.2016
(22) 20.08.2015
(54) ROBOT CLEANER
(73) Samsung Electronics Co., Ltd.
(72) KIM, Sin Ae
PARK, Young Jae
CHOI, Keon Soo
(31) 20140108970
(32) 21.08.2014
(33) Korea (Republic)

(51) A47L 9/28
G05D 1/00
(11) EP3170436
(21) EP16183998.0
(47) 31.10.2018
(22) 12.08.2016
(54) GOING BACK AND CHARGING SYSTEM FOR SWEEPING ROBOT AND METHOD FOR CONTROLLING THE SAME
(73) Jiangsu Midea Cleaning Appliances Co., Ltd.
(72) SHEN, Qiang
SHEN, Luokun
(31) 201510810284
201520933595 U
(32) 20.11.2015
20.11.2015
(33) China
China

(51) A61B 1/00
A61B 1/04
A61B 1/313
(11) EP2630906
(21) EP13156287.8
(47) 31.10.2018
(22) 22.02.2013
(54) Surgical support assembly
(73) Covidien LP
(72) Viola, Frank
Prescott, Michael
(31) 201261602103 P
201313758156
(32) 23.02.2012
04.02.2013

(33) United States of America
United States of America

(51) A61B 1/00
A61B 1/07
G02B 23/24
G02B 23/26
G02B 6/04
G02B 6/255
(11) EP2853187
(21) EP14185965.2
(47) 31.10.2018
(22) 23.09.2014
(54) Manufacture of an endoscope with a light conducting device
(73) Karl Storz SE & Co. KG
(72) Eisenkolb, Peter
(31) 102013110692
(32) 27.09.2013
(33) Germany

(51) A61B 1/00
A61B 1/12
A61F 7/00
A61M 5/44
(11) EP2611380
(21) EP11821210.9
(47) 31.10.2018
(87) IB2011053839
08.03.2012
(22) 01.09.2011
(54) SELECTIVE THERMAL TREATMENT OF MEDICAL INSTRUMENT PORTIONS WITH THERMAL TREATMENT SYSTEM INSTRUMENT HOLDER
(73) Ecolab USA Inc.
(72) FARIES JR., Durward I.
HEYMANN, Bruce
TSANG, Ray
(31) 379547 P
(32) 02.09.2010
(33) United States of America

(51) A61B 1/00
A61B 17/28
A61B 17/32
(11) EP2979619
(21) EP14774351.2
(47) 31.10.2018
(87) JP2014058780
02.10.2014
(22) 27.03.2014
(54) DEVICE FOR ENDOSCOPIC SURGERY
(73) FUJIFILM Corporation
(72) IWASAKA, Masayuki
DEJIMA, Takumi
(31) 2013074016
(32) 29.03.2013
(33) Japan

(51) A61B 1/00
A61M 25/00
A61B 17/00
(11) EP2853190
(21) EP14190057.1
(47) 31.10.2018
(22) 13.09.2012
(54) Operative element support structure and method
(73) Covidien LP
(72) Chang, Scott F.
Huszar, Hillary K.
Ebrahimian, Mehdi
Sullivan, Randall D.
Mata Jr., Gilbert
Gwerder, Eric J.
Utley, David S.
(31) 201161534318 P
(32) 13.09.2011
(33) United States of America

(51) A61B 1/012
A61B 1/008
A61B 90/00
A61M 25/01
(11) EP2755545
(21) EP12832554.5
(47) 31.10.2018
(87) US2012055106
21.03.2013
(22) 13.09.2012
(54) OPERATIVE ELEMENT SUPPORT STRUCTURE
(73) Covidien LP
(72) CHANG, Scott F.
HUSZAR, Hillary K.
EBRAHIMIAN, Mehdi
SULLIVAN, Randall D.
MATA, JR. Gilbert
GWERDER, Eric J.
UTLEY, David S.
(31) 201161534318 P
(32) 13.09.2011
(33) United States of America

(51) A61B 1/018
A61M 5/155
A61M 16/04
A61M 5/14
A61M 13/00
B01F 13/00
A61B 8/12
A61B 5/00
A61M 25/00
A61M 5/00
(11) EP2375960
(21) EP09768301.5
(47) 31.10.2018
(87) US2009067076
01.07.2010
(22) 08.12.2009
(54) APPARATUS FOR CONTAINING AND DELIVERING THERAPEUTIC AGENTS
(73) Cook Medical Technologies LLC
(72) DUCHARME, Richard, W.
SUGG, David, Earl
(31) 140379 P
(32) 23.12.2008
(33) United States of America

(51) A61B 1/04
A61B 1/06
G02B 23/24
H04N 5/235
H04N 5/225
H04N 5/353
(11) EP2878255
(21) EP13823159.2
(47) 31.10.2018
(87) JP2013064931
30.01.2014
(22) 29.05.2013
(54) CONTROL DEVICE AND IMAGING SYSTEM
(73) Olympus Corporation
(72) TANAKA, Satoshi
OGASAWARA, Kotaro
TAKAHASHI, Tomoya
YABE, Yusuke
HASHIMOTO, Susumu
(31) 2012164168
(32) 24.07.2012
(33) Japan

(51) A61B 1/05
(11) EP2086385
(21) EP07862082.0
(47) 31.10.2018
(87) US2007024084
29.05.2008
(22) 15.11.2007
(54) WIRELESS ENDOSCOPIC CAMERA
(73) Stryker Corporation
(72) COVER, Reid
MCCARTHY, Emmet
NAMBAKAM, Vasudev
(31) 859413 P
(32) 16.11.2006
(33) United States of America

(51) A61B 1/06
A61B 1/12
F21V 29/70
H01L 33/64
(11) EP3248536
(21) EP17000839.5
(47) 31.10.2018
(22) 17.05.2017
(54) HEAT SINK STRUCTURE AND LED HEAT SINK ASSEMBLIES
(73) Karl Storz Imaging, Inc.
(72) BIRNKRANT, Dashiell
(31) 201615166024
(32) 26.05.2016
(33) United States of America

(51) A61B 1/233
A61B 17/24
(11) EP2306886
(21) EP09790994.9
(47) 31.10.2018
(87) US2009052236
04.02.2010
(22) 30.07.2009
(54) PARANASAL OSTIUM FINDER DEVICES
(73) Acclarent, Inc.
(72) MORRISS, John, H.
MAKOWER, Joshua
FERNANDEZ, Carlos, F.
GOLDFARB, Eric
JENKINS, Thomas
(31) 84965 P
(32) 30.07.2008
(33) United States of America

(51) A61B 1/32
A61B 17/02
A61B 17/30
A61F 9/007
A61F 9/013
(11) EP2568873
(21) EP11779990.8
(47) 31.10.2018
(87) AU2011000567

17.11.2011
(22) 13.05.2011
(54) SUCTION RETRACTOR
(73) Livac IP Co Pty Ltd
(72) GAN, Philip
(31) 2010902064
(32) 13.05.2010
(33) Australia

(51) A61B 3/00
G02B 5/00
A61B 3/12
A61B 3/15
A61B 3/10
(11) EP3190952
(21) EP15770456.0
(47) 31.10.2018
(87) EP2015070385
17.03.2016
(22) 07.09.2015
(54) EYE EXAMINATION APPARATUS
(73) CenterVue S.p.A.
(72) PLAIAN, Andrei
MOGENTALE, Irene
(31) TV20140130
(32) 12.09.2014
(33) Italy

(51) A61B 3/10
(11) EP2695570
(21) EP12768210.2
(47) 31.10.2018
(87) JP2012053779
11.10.2012
(22) 17.02.2012
(54) OPHTHALMOLOGIC IMAGE ANALYSIS APPARATUS AND OPHTHALMOLOGIC IMAGE ANALYSIS METHOD
(73) Kabushiki Kaisha Topcon
(72) SUEHIRO, Jun
ARITA, Reiko
(31) 2011086383
(32) 08.04.2011
(33) Japan

(51) A61B 3/10
A61B 3/02
A61H 5/00
(11) EP2162052
(21) EP08774384.5
(47) 31.10.2018
(87) EP2008058211
31.12.2008
(22) 26.06.2008
(54) METHODS FOR IMPROVING THE RECEPTIVENESS OF A PERSON TO A TRAINING SESSION FOR IMPROVING VISUAL PERCEPTION
(73) Essilor International
(72) PETIGNAUD, Cécile
(31) 07301160
(32) 27.06.2007
(33) European Patent Office (EPO)

(51) A61B 3/10
G01N 1/12
G01N 33/50
A61B 10/00
A61B 5/00
(11) EP2992813
(21) EP14791792.6
(47) 31.10.2018
(87) JP2014060502
06.11.2014
(22) 11.04.2014
(54) LIQUID-TESTING IMPLEMENT
(73) Echo Electricity Co. Ltd.
(72) HATA, Hideaki
SHIONO, Ryozo
(31) PCT/JP2013/062789
(32) 02.05.2013
(33) World Intellectual Property Office (WIPO)

(51) A61B 3/10
G02C 11/00
A61B 5/0496
A61B 5/00
A61B 3/113
(11) EP3123928
(21) EP15780095.4
(47) 31.10.2018
(87) JP2015061383
22.10.2015
(22) 13.04.2015
(54) EYEWEAR
(73) Jin Co., Ltd.
(72) INOUE, Kazutaka
ICHINOHE, Susumu
NAKAJIMA, Jyunko
(31) 2014082796
(32) 14.04.2014
(33) Japan

(51) A61B 3/12
A61B 5/00
(11) EP2296532
(21) EP09733934.5
(47) 31.10.2018
(87) US2009002535
29.10.2009
(22) 24.04.2009
(54) OPTICAL COHERENCE TOMOGRAPHY (OCT) IMAGING SYSTEMS HAVING ADAPTABLE LENS SYSTEMS AND RELATED METHODS AND COMPUTER PROGRAM PRODUCTS
(73) Bioptigen, Inc.
(72) HART, Robert, H.
BUCKLAND, Eric, L.
MYERS, Glenn, A.
IZATT, Jospeh, A.
(31) 47592 P
(32) 24.04.2008
(33) United States of America

(51) A61B 3/125
(11) EP2790565
(21) EP12765837.5
(47) 31.10.2018
(87) US2012030491
04.10.2012
(22) 25.03.2012
(54) OPHTHALMIC INSPECTION LENS
(73) EOS Holdings, LLC
(72) MORDAUNT, David, H.
(31) 201161465901 P
(32) 25.03.2011
(33) United States of America

(51) A61B 5/00
A61N 1/04
A61B 8/04
A61B 8/06
A61B 5/022
A61M 37/00
A61N 1/30
A61N 1/32
A61K 9/00
A61M 5/142
A61B 5/02
A61B 5/026
A61M 5/172
A61M 5/30
(11) EP2775902
(21) EP12847228.9
(47) 31.10.2018
(87) US2012064080
16.05.2013
(22) 08.11.2012
(54) INFLATABLE CUFF WITH BUILT-IN DRUG DELIVERY DEVICE FOR DYNAMIC DRUG THERAPY RESPONSE TO BLOOD PRESSURE INCIDENTS
(73) Elwha LLC
(72) BAYM, Michael H.
BOYDEN, Edward S.
HYDE, Roderick A.
KARE, Jordin T.
LEUTHARDT, Eric C.
MYHRVOLD, Nathan P.
WOOD, Jr., Lowell L.
(31) 201113373365
201113373364
(32) 08.11.2011
08.11.2011
(33) United States of America
United States of America

(51) A61B 5/00
A61N 1/375
H05K 5/00
(11) EP2464280
(21) EP10759715.5
(47) 31.10.2018
(87) IB2010002179
17.02.2011
(22) 12.08.2010
(54) PLASMA ENHANCED POLYMER ULTRA-THIN MULTI-LAYER PACKAGING
(73) Integra LifeSciences Switzerland Sàrl
(72) HOGG, Andreas
KEPPNER, Herbert
BURGER, Juergen
AELLEN, Thierry
(31) 233395 P
854304
(32) 12.08.2009
11.08.2010
(33) United States of America
United States of America

(51) A61B 5/00
G06F 19/00
(11) EP2729052
(21) EP12737424.7
(47) 31.10.2018
(87) US2012045395
10.01.2013
(22) 03.07.2012
(54) SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING

HEALTH AND PRODUCTIVITY OF EMPLOYEES
(73) Saudi Arabian Oil Company
(72) HORSEMAN, Samantha, J.
(31) 201161504638 P
201261659807 P
201261659790 P
201261659818 P
201261659824 P
201261659796 P
201261659810 P
201261659831 P
201261659800 P
201213540262
(32) 05.07.2011
14.06.2012
14.06.2012
14.06.2012
14.06.2012
14.06.2012
14.06.2012
14.06.2012
14.06.2012
02.07.2012
(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

(51) A61B 5/021
A61B 5/00
A61B 5/02
(11) EP1534115
(21) EP03764109.9
(47) 31.10.2018
(87) IL2003000586
22.01.2004
(22) 15.07.2003
(54) BODY SURFACE PROBE, APPARATUS AND METHOD FOR NON-INVASIVELY DETECTING MEDICAL CONDITIONS
(73) Itamar Medical Ltd
(72) SCHNALL, Robert, P.
(31) 395613 P
(32) 15.07.2002
(33) United States of America

(51) A61B 5/026
A61B 5/055
(11) EP3091896
(21) EP14717178.9
(47) 31.10.2018
(87) IB2014000076
16.07.2015
(22) 07.01.2014
(54) METHOD FOR DETERMINING A PERSONALIZED CARDIAC MODEL USING A MAGNETIC RESONANCE IMAGING SEQUENCE
(73) Université de Lorraine
Centre Hospitalier Régional de Nancy
(72) MEYER, Christophe
VUISSOZ, Pierre-André
BONNEMAINS, Laurent
FELBLINGER, Jacques

(51) A61B 5/0488
A61B 5/06
A61M 16/00
A61M 16/12
(11) EP2148712
(21) EP07728604.5
(47) 31.10.2018
(87) EP2007054149
06.11.2008
(22) 27.04.2007
(54) CONTROL UNIT AND DISPLAY UNIT FOR AN EMG CONTROLLED VENTILATOR
(73) Maquet Critical Care AB
(72) BLOMQUIST, Karin
JALDE, Fredrik

(51) A61B 5/145
A61B 5/1455
A61B 5/00
(11) EP2901925
(21) EP15153021.9
(47) 31.10.2018
(22) 29.01.2015
(54) Biological information processing apparatus, and biological information processing method
(73) Seiko Epson Corporation
(72) Kasahara, Hirokazu
Nishida, Kazuhiro
Mizobe, Kimitake
(31) 2014017022
(32) 31.01.2014
(33) Japan

(51) A61B 5/1468
G01N 21/00
G01N 35/00
G01N 33/487
G01N 33/48
(11) EP2967456
(21) EP14773314.1
(47) 31.10.2018
(87) US2014024681
02.10.2014
(22) 12.03.2014
(54) METERS WITH CHANGEABLE MODULES
(73) NIPRO DIAGNOSTICS, INC.
(72) MODZELEWSKI, Brent E.
ROUNDS, George R.
(31) 201361783166 P
(32) 14.03.2013
(33) United States of America

(51) A61B 6/00
(11) EP3250127
(21) EP16808639.5
(47) 31.10.2018
(87) EP2016080198
22.06.2017
(22) 08.12.2016
(54) METHOD FOR GENERATING CONTRAST AGENT CONCENTRATION MAP
(73) Koninklijke Philips N.V.
(72) CARMI, Raz
(31) 15200863
(32) 17.12.2015
(33) European Patent Office (EPO)

(51) A61B 6/00
G06T 7/00
(11) EP3244798
(21) EP16700067.8
(47) 31.10.2018
(87) EP2016050131
21.07.2016
(22) 06.01.2016
(54) ADAPTIVE SEGMENTATION FOR ROTATIONAL C-ARM COMPUTED TOMOGRAPHY WITH A REDUCED ANGULAR RANGE
(73) Koninklijke Philips N.V.
(72) SAALBACH, Axel
ESHUIS, Pieter, Gerben
VAN DEN BOOMEN, Wilhelmus, Henrica, Gerarda, Maria
SCHÄFER, Dirk
WEESE, Juergen
(31) 15151099
(32) 14.01.2015
(33) European Patent Office (EPO)

(51) A61B 6/02
A61B 6/00
A61B 8/08
A61B 8/00
A61N 5/10
(11) EP2451355
(21) EP10796634.3
(47) 31.10.2018
(87) CA2010001079
13.01.2011
(22) 09.07.2010
(54) ADAPTIVE RADIOTHERAPY TREATMENT USING ULTRASOUND
(73) Elekta Ltd.
(72) LACHAINE, Martin
TREMBLAY, Sebastien
FORTIER, Philippe
KOPTENKO, Sergei
FALCO, Tony
(31) 224582 P
(32) 10.07.2009
(33) United States of America

(51) A61B 6/03
A61B 6/00
(11) EP2866665
(21) EP13753346.9
(47) 31.10.2018
(87) IB2013055060
03.01.2014
(22) 20.06.2013
(54) GRATING-BASED DIFFERENTIAL PHASE CONTRAST IMAGING
(73) Koninklijke Philips N.V.
(72) PROKSA, Roland
(31) 201261664950 P
(32) 27.06.2012
(33) United States of America

(51) A61B 6/03
A61B 6/06
(11) EP3169239
(21) EP15734376.5
(47) 31.10.2018
(87) EP2015065405
21.01.2016
(22) 07.07.2015

(54) PHASE CONTRAST IMAGING X-RAY DEVICE PROVIDED WITH AT LEAST ONE MOVABLE GRATING
(73) Koninklijke Philips N.V.
(72) KOEHLER, Thomas
ROESSL, Ewald
(31) 14177486
(32) 17.07.2014
(33) European Patent Office (EPO)

(51) A61B 6/04
A61B 90/11
A61B 90/17
(11) EP2403410
(21) EP10749314.0
(47) 31.10.2018
(87) US2010026167
10.09.2010
(22) 04.03.2010
(54) NEEDLE BIOPSY COMPRESSION PADDLE SYSTEM
(73) Hologic Inc.
(72) DEFREITAS, Kenneth
LAVIOLA, John
VERMEULEN, Henri
URBAIN, Marc
NICOSON, Zachary
PICKETT, Kathleen
GKANATSIOS, Nikolaos
(31) 158180 P
(32) 06.03.2009
(33) United States of America

(51) A61B 6/12
(11) EP2259726
(21) EP09726475.8
(47) 31.10.2018
(87) IB2009051319
08.10.2009
(22) 30.03.2009
(54) RESPIRATION DETERMINATION APPARATUS
(73) Koninklijke Philips N.V.
(72) GOGIN, Nicolas, P., B.
NIJHOF, Niels
MARBOEUF, Cécile, A., M.
(31) 08305082
08305555
(32) 03.04.2008
16.09.2008
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61B 6/14
(11) EP2427115
(21) EP10726210.7
(47) 31.10.2018
(87) IB2010001298
11.11.2010
(22) 03.05.2010
(54) COMBINED PANORAMIC AND COMPUTED TOMOGRAPHY APPARATUS
(73) Trophy
(72) BOTHOREL, Sylvie
MAILLET, Philippe
INGLESE, Jean-Marc
(31) 175095 P
(32) 04.05.2009
(33) United States of America

(51) A61B 8/00
G01S 7/52
(11) EP2974664
(21) EP15183958.6
(47) 31.10.2018
(22) 24.09.2013
(54) ULTRASOUND APPARATUS AND INFORMATION PROVIDING METHOD OF THE ULTRASOUND APPARATUS
(73) Samsung Medison Co., Ltd.
Samsung Electronics Co., Ltd
(72) YANG, Eun-ho
KIM, Hyoung-jin
CHOI, Jin-young
(31) 20120105959
20130026809
(32) 24.09.2012
13.03.2013
(33) Korea (Republic)
Korea (Republic)

(51) A61B 8/06
A61B 8/08
A61B 8/14
A61B 8/00
(11) EP3277188
(21) EP16712355.3
(47) 31.10.2018
(87) EP2016056984
06.10.2016
(22) 31.03.2016
(54) ULTRASOUND SYSTEM AND METHOD OF VESSEL IDENTIFICATION
(73) Koninklijke Philips N.V.
(72) CHEN, Jiangang
RAJU, Balasundar Iyyavu
LEYVI, Evgeniy
(31) PCT/CN2015/075831
15170630
(32) 03.04.2015
04.06.2015
(33) World Intellectual Property Office (WIPO)
European Patent Office (EPO)

(51) A61B 8/08
G01S 7/52
G01N 29/07
G01H 5/00
(11) EP3082616
(21) EP14827423.6
(47) 31.10.2018
(87) EP2014078011
25.06.2015
(22) 16.12.2014
(54) COMPUTED ULTRASOUND TOMOGRAPHY IN ECHO MODE (CUTE) FOR IMAGING SPEED OF SOUND USING PULSE-ECHO SONOGRAPHY
(73) Universität Bern
(72) FRENZ, Martin
JAEGER, Michael
(31) 13197566
(32) 16.12.2013
(33) European Patent Office (EPO)

(51) A61B 8/08
G01S 15/89
G01S 7/52
(11) EP2859851
(21) EP14183645.2
(47) 31.10.2018
(22) 05.09.2014
(54) Shear wave estimation from analytic data
(73) Siemens Medical Solutions USA, Inc.
(72) Fan, Liexiang
(31) 201314035860
201314042424
(32) 24.09.2013
30.09.2013
(33) United States of America
United States of America

(51) A61B 8/14
A61B 8/08
G01S 7/00
A61B 8/00
G01S 7/52
(11) EP2915490
(21) EP15150587.2
(47) 31.10.2018
(22) 09.01.2015
(54) Wireless probe and method for power controlling of wireless probe
(73) Samsung Electronics Co., Ltd.
Samsung Medison Co., Ltd.
(72) Jin, Gil-ju
Ahn, Mi-jeoung
Kim, Nam-woong
Chang, Seong-ho
(31) 20140024657
(32) 28.02.2014
(33) Korea (Republic)

(51) A61B 17/00
A61B 17/072
A61B 17/29
(11) EP3090688
(21) EP16168516.9
(47) 31.10.2018
(22) 05.05.2016
(54) SURGICAL INSTRUMENT WITH ARTICULATION ASSEMBLY
(73) Covidien LP
(72) Srinivas, Jitendra Bhargava
Shankarsetty, Jeevan Maddur
(31) 201514705176
(32) 06.05.2015
(33) United States of America

(51) A61B 17/00
A61B 17/08
A61B 17/064
A61B 17/068
(11) EP2262431
(21) EP09716108.7
(47) 31.10.2018
(87) US2009032952
03.09.2009
(22) 03.02.2009
(54) SURGICAL FASTENING CLIPS AND SYSTEMS FOR PROXIMATING TISSUE
(73) MEDTRONIC, INC.
(72) CLAGUE, Cynthia, T.
STEWART, Mark, T.
GREEN, Michael, M.
ROTHSTEIN, Paul, T.
JELICH, Damian, A.
NAYAK, Asha, S.
TORRIANNI, Mark, W.
COPPIN, Chris, M.
HUYNH, Rany
MEYER, Eric, A.
LIDDICOAT, John, R.

LASKE, Timothy, G.
(31) 39629
(32) 28.02.2008
(33) United States of America

(51) A61B 17/03
A61B 17/132
B65D 63/10
(11) EP2603148
(21) EP11815946.6
(47) 31.10.2018
(87) CA2011000903
16.02.2012
(22) 09.08.2011
(54) LOCKABLE ATTACHMENT AND STYPTIC DEVICE INCLUDING SAME
(73) Benrikal Services Inc.
(72) BELANGER, Guy
GENDRON, Ben
MERCIER, Normand
(31) 344501 P
(32) 09.08.2010
(33) United States of America

(51) A61B 17/04
A61B 17/06
A61F 2/00
(11) EP3027117
(21) EP14744554.8
(47) 31.10.2018
(87) EP2014066201
05.02.2015
(22) 28.07.2014
(54) ARRANGEMENT FOR INSERTING A SURGICAL IMPLANT WITH AT LEAST ONE IMPLANT ATTACHMENT PORTION
(73) PFM Medical AG
(72) ZIMMERMANN, Hanngörg
(31) 202013103406 U
(32) 29.07.2013
(33) Germany

(51) A61B 17/06
(11) EP2481358
(21) EP12164986.7
(47) 31.10.2018
(22) 15.09.2008
(54) Method of forming barbs on a suture
(73) Covidien LP
(72) Maiorino, Nicholas
Buchter, Mark S.
Cohen, Matthew D
Primavera, Michael
(31) 994173 P
178361
(32) 17.09.2007
23.07.2008
(33) United States of America
United States of America

(51) A61B 17/072
A61B 17/29
(11) EP2165657
(21) EP09252224.2
(47) 31.10.2018
(22) 18.09.2009
(54) Surgical stapler with apparatus for adjusting staple height
(73) Ethicon LLC
(72) Baxter, III, Chester O.
Bedi, James J.
(31) 234133
(32) 19.09.2008
(33) United States of America

(51) A61B 17/072
A61B 18/14
(11) EP2685907
(21) EP12707767.5
(47) 31.10.2018
(87) EP2012054047
20.09.2012
(22) 08.03.2012
(54) SURGICAL SYSTEM FOR CONNECTING BODY TISSUE
(73) Aesculap AG
(72) WEISSHAUPT, Dieter
ROTHWEILER, Christoph
HEIZMANN, Patrick
(31) 102011001372
(32) 17.03.2011
(33) Germany

(51) A61B 17/08
A61B 17/10
A61B 17/122
A61B 17/128
A61B 17/29
A61B 17/00
A61B 17/12
(11) EP2515770
(21) EP10801324.4
(47) 31.10.2018
(87) US2010061077
21.07.2011
(22) 17.12.2010
(54) MEDICAL DEVICES WITH DETACHABLE PIVOTABLE JAWS
(73) Cook Medical Technologies LLC
(72) SURTI, Vihar, C.
MARTINEZ, Michelle, D.
(31) 289297 P
(32) 22.12.2009
(33) United States of America

(51) A61B 17/115
(11) EP2517651
(21) EP12166185.4
(47) 31.10.2018
(22) 30.04.2012
(54) Tissue thickness compensator for a surgical stapler
(73) Ethicon Endo-Surgery, Inc.
(72) Shelton, IV, Frederick E.
Baxter, III, Chester O.
(31) 201113097936
(32) 29.04.2011
(33) United States of America

(51) A61B 17/115
A61B 17/064
A61B 17/068
A61B 17/00
A61B 90/00
(11) EP3108826
(21) EP16176148.1
(47) 31.10.2018
(22) 24.06.2016
(54) FIRING CIRCUIT FOR SURGICAL STAPLER
(73) Ethicon LLC
(72) SHELTON, IV, Frederick E.
STAGER, William R.
MILLER, Christopher C.
BOLTON, Matthew H.
(31) 201514751277
(32) 26.06.2015
(33) United States of America

(51) A61B 17/115
A61B 17/34
A61B 17/11
A61B 17/3205
A61B 90/00
(11) EP2752162
(21) EP12825929.8
(47) 31.10.2018
(87) CN2012080503
28.02.2013
(22) 23.08.2012
(54) INTRODUCER ACCESSORY
(73) Suzhou Touchstone International Medical Science Co., Ltd.
(72) CHEN, Wangdong
SUN, Min
SHAN, Teng
PEI, Yongwang
DING, Shuicheng
WANG, Zongshun
LIU, Kai
(31) 201110243513
201210291684
201210291706
(32) 24.08.2011
16.08.2012
16.08.2012
(33) China
China
China

(51) A61B 17/115
A61B 90/00
A61B 17/11
(11) EP2997908
(21) EP15175837.2
(47) 31.10.2018
(22) 08.07.2015
(54) DEVICE FOR PERFORMING A SURGICAL ANASTOMOSIS
(73) Covidien LP
(72) LATIMER, Cassandra
WARD, Arlen
(31) 201414326764
(32) 09.07.2014
(33) United States of America

(51) A61B 17/12
(11) EP2586386
(21) EP12191014.5
(47) 31.10.2018
(22) 25.01.2006
(54) Structure for permanent occlusion of a hollow anatomical structure
(73) Covidien LP
(72) Prestezog, Anna Grac
Karabey, Halil Ibrahim
Mirizzi, Michael Stephan
Farley, Brian
Rodriguez, John William
Thompson, Russell B.
(31) 647173 P
696165 P
(32) 25.01.2005
01.07.2005

(33) United States of America
United States of America

(51) A61B 17/122
A61B 17/128
A61N 5/10
A61B 17/10
A61B 17/072
(11) EP3189795
(21) EP17150346.9
(47) 31.10.2018
(22) 05.01.2017
(54) BRACHYTHERAPY CLIP AND APPLICATOR
(73) Covidien LP
(72) RACENET, David
HODGKINSON, Gerald
KACHRU, Abhinav
(31) 201614989406
(32) 06.01.2016
(33) United States of America

(51) A61B 17/15
G06Q 30/06
G06Q 50/22
A61B 17/56
A61B 34/10
(11) EP2538864
(21) EP11748003.8
(47) 31.10.2018
(87) US2011025932
01.09.2011
(22) 23.02.2011
(54) CUSTOMIZED PATIENT-SPECIFIC BONE CUTTING BLOCKS
(73) DePuy Products, Inc.
(72) ARAM, Luke, J.
BUGBEE, William
ENGH, Andrew
MOSKAL, Joseph
PAGNANO, Mark
SWANK, Michael
GUZMAN, Jose, F.
(31) 308189 P
(32) 25.02.2010
(33) United States of America

(51) A61B 17/16
A61B 17/17
(11) EP2987458
(21) EP15185091.4
(47) 31.10.2018
(22) 07.03.2013
(54) MICROFRACTURE APPARATUSES
(73) Sikora, George, J.
Ek, Steven
Tallariba, Steven
(72) Sikora, George, J.
Ek, Steven
Tallarida, Steven
(31) 201261609053 P
201261665084 P
201261720778 P
201261736913 P
201361755783 P
(32) 09.03.2012
27.06.2012
31.10.2012
13.12.2012
23.01.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61B 17/30
A61B 17/50
A61M 5/42
A61F 6/06
(11) EP2838446
(21) EP13717777.0
(47) 31.10.2018
(87) EP2013058236
24.10.2013
(22) 19.04.2013
(54) DEVICE FOR REMOVING AN ITEM IMPLANTED UNDERNEATH THE SKIN
(73) Removaid AS
(72) BRATLIE, Marte
(31) 201206878
201300815
(32) 19.04.2012
16.01.2013
(33) United Kingdom
United Kingdom

(51) A61B 17/32
A61B 17/00
(11) EP3179933
(21) EP15744432.4
(47) 31.10.2018
(87) US2015040851
28.01.2016
(22) 17.07.2015
(54) ULTRASONIC BLADE OVERMOLD
(73) Ethicon LLC
(72) LAMPING, Michael R.
WITT, David A.
HOLCOMB, Matthew D.
JADEED, Nabeel M.
(31) 201414337508
(32) 22.07.2014
(33) United States of America

(51) A61B 17/32
A61B 18/14
(11) EP2939616
(21) EP14200407.6
(47) 31.10.2018
(22) 29.12.2014
(54) Electrosurgical instruments including end-effector assembly configured to provide mechanical cutting action on tissue
(73) Covidien LP
(72) Allen IV, James D.
(31) 201461987534 P
201414574851
(32) 02.05.2014
18.12.2014
(33) United States of America
United States of America

(51) A61B 17/34
A61B 1/005
A61B 17/00
A61M 25/01
A61B 34/30
(11) EP1973595
(21) EP06844376.1
(47) 31.10.2018
(87) US2006044386
24.05.2007
(22) 15.11.2006
(54) AN ACTIVE CANNULA FOR BIO-SENSING AND SURGICAL INTERVENTION
(73) The Johns Hopkins University
(72) WEBSTER, Robert, James
OKAMURA, Allison, M.
COWAN, Noah, J.
TAYLOR, Russell, H.
(31) 736789 P
849788 P
(32) 15.11.2005
06.10.2006
(33) United States of America
United States of America

(51) A61B 17/34
A61B 17/56
A61B 17/70
(11) EP2844332
(21) EP13784241.5
(47) 31.10.2018
(87) US2013039149
07.11.2013
(22) 01.05.2013
(54) STEERABLE AND CURVABLE CAVITY CREATION SYSTEM
(73) Merit Medical Systems, Inc.
(72) BURGER, Keith
CHEATWOOD, Joshua
CHEN, Shixin
(31) 201213461727
201313736871
(32) 01.05.2012
08.01.2013
(33) United States of America
United States of America

(51) A61B 17/58
(11) EP2337510
(21) EP09771054.5
(47) 31.10.2018
(87) US2009048699
30.12.2009
(22) 25.06.2009
(54) SURGICAL INSTRUMENTATION FOR IMPLANTING A PROTHESIS
(73) Stryker European Holdings I, LLC
(72) LORING, Thomas
GILBERT, Stephen
CHAN, Victor
PAK, Chulho
DANIELS, Michael
HORTON, Greg
DEORIO, James, K.
COUGHLIN, Michael
WAPNER, Keith
(31) 178343 P
133186 P
(32) 14.05.2009
25.06.2008
(33) United States of America
United States of America

(51) A61B 17/66
A61B 17/80
(11) EP3184061
(21) EP16205037.1
(47) 31.10.2018
(22) 31.01.2013

(54) EXPANSION AND COMPRESSION INSTRUMENT FOR FRACTURE FIXATION
(73) TriMed, Inc.
(72) MEDOFF, Robert
TELLMAN, Lukas
(31) 201213434294
(32) 29.03.2012
(33) United States of America

(51) A61B 17/70
(11) EP2197374
(21) EP08799465.3
(47) 31.10.2018
(87) US2008075997
19.03.2009
(22) 11.09.2008
(54) INTERSPINOUS SPACER
(73) Synthes GmbH
(72) SENN, Peter
ASCHMANN, Felix
OSWALD, Martin
EMCH, Hansjuerg
SKIDMORE, Grant, A.
MAYER, H. Michael
(31) 972572 P
(32) 14.09.2007
(33) United States of America

(51) A61B 17/70
(11) EP2579795
(21) EP11793147.7
(47) 31.10.2018
(87) US2011039760
15.12.2011
(22) 09.06.2011
(54) LOW-PROFILE, UNIPLANAR BONE SCREW
(73) Globus Medical, Inc.
(72) BUTTERMANN, Glenn R.
(31) 394274 P
353586 P
(32) 18.10.2010
10.06.2010
(33) United States of America
United States of America

(51) A61B 17/70
(11) EP2611372
(21) EP11754962.6
(47) 31.10.2018
(87) US2011049693
08.03.2012
(22) 30.08.2011
(54) GROWTH DIRECTED VERTEBRAL FIXATION SYSTEM WITH DISTRACTIBLE CONNECTOR(S) AND APICAL CONTROL
(73) K2M, Inc.
(72) ELSEBAIE, Hazem
AKBARNIA, Behrooz
(31) 873582
(32) 01.09.2010
(33) United States of America

(51) A61B 17/70
(11) EP2967677
(21) EP14756587.3
(47) 31.10.2018
(87) US2014019591
04.09.2014
(22) 28.02.2014
(54) SPINAL DEFORMITY CORRECTION INSTRUMENTS
(73) Alphatec Spine, Inc.
(72) PARIKH, Anand
GLEESON, Garrett
WALTERS, Carmen
TIMM, Jens, Peter
COSTABILE, Jonathan, T.
GILLESPIE, Wally
HUTTON, Clark
(31) 201361770897 P
201361799009 P
(32) 28.02.2013
15.03.2013
(33) United States of America
United States of America

(51) A61B 17/70
(11) EP3031415
(21) EP14197226.5
(47) 31.10.2018
(22) 10.12.2014
(54) Coupling assembly and polyaxial bone anchoring device comprising the same
(73) Biedermann Technologies GmbH & Co. KG
(72) Biedermann, Lutz
Fischer, Bernd
Matthis, Wilfried

(51) A61B 17/70
(11) EP3285665
(21) EP16718018.1
(47) 31.10.2018
(87) IB2016052125
27.10.2016
(22) 14.04.2016
(54) VERTEBRAL OSTEOSYNTHESIS EQUIPMENT
(73) Medicrea International
(72) MOSNIER, Thomas
SCHWAB, Frank
(31) 1553722
(32) 24.04.2015
(33) France

(51) A61B 17/70
A61B 17/86
(11) EP3288475
(21) EP17722778.2
(47) 31.10.2018
(87) EP2017061232
16.11.2017
(22) 10.05.2017
(54) PEDICLE SCREW WITH LARGE-DIAMETER BONE THREAD
(73) Aesculap AG
(72) LINDNER, Stephan
(31) 102016108972
(32) 13.05.2016
(33) Germany

(51) A61B 17/72
A61B 17/66
A61B 17/17
A61B 17/80
(11) EP1976442
(21) EP07762754.5
(47) 31.10.2018
(87) US2007002257
09.08.2007
(22) 26.01.2007
(54) ASSEMBLIES FOR THE REDUCTION OF A FRACTURE
(73) SMITH & NEPHEW, INC.
(72) RITCHEY, Nicholas, S.
GRUSIN, Nathaniel, Kelley
AUSTIN, Gene, Edward
(31) 762988 P
(32) 27.01.2006
(33) United States of America

(51) A61B 17/74
(11) EP3223732
(21) EP14802656.0
(47) 31.10.2018
(87) EP2014075489
02.06.2016
(22) 25.11.2014
(54) INTRAMEDULLARY NAIL
(73) Swemac Innovation AB
(72) LUTZ, Christian
DORAWA, Klaus

(51) A61B 17/80
A61B 17/86
A61B 17/00
(11) EP2967663
(21) EP14775868.4
(47) 31.10.2018
(87) US2014025952
02.10.2014
(22) 13.03.2014
(54) VARIABLE ANGLE SCREWS, PLATES AND SYSTEMS
(73) Amei Technologies, Inc.
(72) PAOLINO, John
LOVELL, John
BIRKENMEIER, Guy F.
(31) 201313830387
(32) 14.03.2013
(33) United States of America

(51) A61B 17/80
A61B 17/86
A61B 17/88
A61B 17/17
A61B 17/00
A61B 90/00
(11) EP2811911
(21) EP13703722.2
(47) 31.10.2018
(87) CH2013000022
15.08.2013
(22) 05.02.2013
(54) FASTENING DEVICE FOR SURGICAL HOLDING SYSTEMS
(73) Creaholic S.A.
(72) VAUCHER, Vincent
MÜLLER, Markus A.
(31) 12405017
(32) 06.02.2012
(33) European Patent Office (EPO)

(51) A61B 17/86
A61B 17/80
(11) EP2496162
(21) EP10829152.7
(47) 31.10.2018
(87) US2010055634
12.05.2011
(22) 05.11.2010
(54) SEMI-CONSTRAINED BONE SCREW
(73) K2M, Inc.

(72) WALLENSTEIN, Todd
McCLINTOCK, Larry
JONES, Scott
McMULLEN, Megan, E.
WASSINGER, Adam
(31) 258379 P
(32) 05.11.2009
(33) United States of America

(51) A61B 17/88
(11) EP3232966
(21) EP15832815.3
(47) 31.10.2018
(87) FR2015053697
23.06.2016
(22) 21.12.2015
(54) DEVICE IN THE FORM OF A KIT FOR MIXING AND INJECTING A BONE CEMENT
(73) Teknimed
(72) LEONARD, Alain
LEONARD, Carole
HALBIN, Gautier
SENDER, Cyril
(31) 1462974
(32) 19.12.2014
(33) France

(51) A61B 17/88
A61B 17/70
(11) EP2742884
(21) EP14155736.3
(47) 31.10.2018
(22) 11.08.2009
(54) Systems for spinal fixation
(73) Alphatec Spine, Inc.
(72) Hutton, Clark
Smith, Ketchen
(31) 290035
(32) 23.10.2008
(33) United States of America

(51) A61B 18/00
A61B 18/14
(11) EP2526886
(21) EP12167496.4
(47) 31.10.2018
(22) 10.05.2012
(54) Endovascular tissue removal device
(73) Covidien LP
(72) Deshpande, Manish
(31) 201113113187
(32) 23.05.2011
(33) United States of America

(51) A61B 18/02
A61M 25/01
A61M 25/14
A61B 18/00
(11) EP2629834
(21) EP11833661.9
(47) 31.10.2018
(87) CA2011001011
26.04.2012
(22) 13.09.2011
(54) BALLOON CATHETER WITH DEFORMABLE FLUID DELIVERY CONDUIT
(73) Medtronic Cryocath LP
(72) WITTENBERGER, Dan
(31) 910492
(32) 22.10.2010
(33) United States of America

(51) A61B 18/08
A61B 18/14
A61B 18/24
A61B 18/20
A61B 90/00
(11) EP2662044
(21) EP13168129.8
(47) 31.10.2018
(22) 21.07.2006
(54) Systems for treating a hollow anatomical structure
(73) Covidien LP
(72) Esch, Brady
Farley, Brian E.
Thompson, Russell B.
McRae, Robert Gordon
Sander, Fiona Marie
Abelmann, Michael
Dhaka, Vijay Kumar
Tantisira, Randit
Christian, Jeffrey J.
Gockeritz, Oliver
(31) 701303 P
236316
780948 P
(32) 21.07.2005
27.09.2005
09.03.2006
(33) United States of America
United States of America
United States of America

(51) A61B 18/12
A61B 18/00
(11) EP2868285
(21) EP14185328.3
(47) 31.10.2018
(22) 18.09.2014
(54) Electrosurgical systems for monitoring power dosage
(73) Covidien LP
(72) Gilbert, James A.
Digmann, Patrick J.
Rupp, Steven C.
(31) 201361891817 P
201414447049
(32) 16.10.2013
30.07.2014
(33) United States of America
United States of America

(51) A61B 18/14
(11) EP2716249
(21) EP13186124.7
(47) 31.10.2018
(22) 26.09.2013
(54) Devices for optical detection of tissue contact
(73) Covidien LP
(72) Brannan, Joseph D.
(31) 201261708922 P
201314017995
(32) 02.10.2012
04.09.2013
(33) United States of America
United States of America

(51) A61B 18/14
A61B 18/00
(11) EP2301468
(21) EP10181969.6
(47) 31.10.2018
(22) 29.09.2010
(54) SWITCH ASSEMBLY FOR ELECTROSURGICAL INSTRUMENT
(73) Covidien LP
(72) LEE, Weng-Kai K.
TOWNSEND, Jeffrey R.
LACOSTA, Scott N.
SANDERS, Jason T.
SIMS, Grant T
(31) 569395
(32) 29.09.2009
(33) United States of America

(51) A61B 34/00
A61B 17/34
(11) EP3169263
(21) EP14753059.6
(47) 31.10.2018
(87) EP2014067570
25.02.2016
(22) 18.08.2014
(54) ARRANGEMENT FOR MINIMAL INVASIVE INTERVENTION
(73) G-Coder Systems AB
(72) NILSAGÅRD, Jonas
TAKMAN, Olle

(51) A61B 90/00
A61B 34/30
(11) EP2178456
(21) EP08798014.0
(47) 31.10.2018
(87) US2008073369
19.02.2009
(22) 15.08.2008
(54) MODULAR AND COOPERATIVE MEDICAL SYSTEM
(73) Board of Regents of the University of Nebraska
(72) FARRITOR, Shane M.
RENTSCHLER, Mark
LEHMAN, Amy
(31) 956032 P
990076 P
990106 P
25346 P
30617 P
(32) 15.08.2007
26.11.2007
26.11.2007
01.02.2008
22.02.2008
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61C 8/00
(11) EP3267932
(21) EP16718460.5
(47) 31.10.2018
(87) IB2016051390
15.09.2016
(22) 11.03.2016
(54) DENTAL PROSTHESIS
(73) Sweden & Martina S.p.A.
(72) RODRIGUEZ CIURANA, Javier A.
SEGALA TORRES, Isabel
VELA NEBOT, Javier

(31) 201530311
(32) 11.03.2015
(33) Spain

(51) A61C 8/00
A61C 3/04
A61C 1/08
(11) EP2978387
(21) EP14774195.3
(47) 31.10.2018
(87) CA2014000292
02.10.2014
(22) 27.03.2014
(54) DENTAL IMPLANT POSITIONING SYSTEM
(73) Carmichael, Robert P.
Spitz, Warren
(72) Carmichael, Robert P.
Spitz, Warren
(31) 201313852057
(32) 28.03.2013
(33) United States of America

(51) A61C 13/00
A61C 13/12
(11) EP2014254
(21) EP07011196.8
(47) 31.10.2018
(22) 07.06.2007
(54) Method and sintered product for forming a dental bridge
(73) Nobel Biocare Services AG
(72) Berggren, Carina
Jörneus, Lars
Johansson, Ulf
Brännvall, Petrus
Vogel, Olof

(51) A61C 15/02
A46B 9/00
A46B 3/04
A46B 3/00
A46B 1/00
(11) EP3177228
(21) EP15738836.4
(47) 31.10.2018
(87) EP2015001415
11.02.2016
(22) 10.07.2015
(54) INTERDENTAL CLEANER AND METHOD FOR PRODUCING SAME
(73) Sunstar Suisse, S.A.
(72) BUTZ, Jürgen
(31) 102014011405
(32) 06.08.2014
(33) Germany

(51) A61C 17/22
A61C 17/34
(11) EP2926764
(21) EP14163636.5
(47) 31.10.2018
(22) 04.04.2014
(54) Brush head for electric toothbrush
(73) Latikka, Lauri
(72) Latikka, Lauri

(51) A61F 2/01
(11) EP1827256
(21) EP05796358.9
(47) 31.10.2018
(87) US2005032164
23.03.2006
(22) 07.09.2005
(54) ASSEMBLY FOR DISTAL EMBOLIC PROTECTION
(73) Medtronic 3F Therapeutics, Inc.
(72) BERGHEIM, Bjarne
(31) 938410
(32) 10.09.2004
(33) United States of America

(51) A61F 2/06
A61M 1/36
(11) EP3082654
(21) EP14809173.9
(47) 31.10.2018
(87) US2014064968
25.06.2015
(22) 11.11.2014
(54) VASCULAR ACCESS SYSTEM WITH REINFORCEMENT MEMBERS
(73) Merit Medical Systems, Inc.
CryoLife, Inc.
(72) GALE, David
TOMKO, Daniel
ARNOLD, Stacy
KATRAGADDA, Venkata
(31) 201361919097 P
(32) 20.12.2013
(33) United States of America

(51) A61F 2/07
(11) EP2740439
(21) EP12196266.6
(47) 31.10.2018
(22) 10.12.2012
(54) Stent graft having two coaxial stents and a graft tissue
(73) Abbott Laboratories Vascular Enterprises Limited
(72) Grandt, Axel

(51) A61F 2/08
A61B 17/04
(11) EP3209242
(21) EP15784140.4
(47) 31.10.2018
(87) GB2015053103
28.04.2016
(22) 20.10.2015
(54) AN ELONGATE GUIDE ELEMENT FOR AN IMPLANT
(73) Xiros Limited
(72) SENIOR, Martin Russell
(31) 201418760
(32) 22.10.2014
(33) United Kingdom

(51) A61F 2/08
A61L 27/36
A61K 35/32
(11) EP2787923
(21) EP12855670.1
(47) 31.10.2018
(87) US2012068555
13.06.2013
(22) 07.12.2012
(54) DECELLULARIZED COMPOSITE TISSUE BIOSCAFFOLDS FOR MUSCULOSKELETAL TISSUE INTERFACE RECONSTRUCTION AND METHODS OF PRODUCTION
(73) The Board of Trustees of the Leland Stanford Junior University
(72) CHANG, James
WOON, Colin
PHAM, Hung
(31) 201161568938 P
(32) 09.12.2011
(33) United States of America

(51) A61F 2/12
(11) EP3125824
(21) EP15712224.3
(47) 31.10.2018
(87) US2015019454
08.10.2015
(22) 09.03.2015
(54) DIRECTIONAL TISSUE EXPANDER
(73) Mentor Worldwide LLC
(72) DAVILA, Luis Alberto
FALCON, Anita M.
HRISTOV, Krasimira
KRIKSUNOV, Leo B.
TANNHAUSER, Robert J.
(31) 201414230251
(32) 31.03.2014
(33) United States of America

(51) A61F 2/16
(11) EP3170475
(21) EP16205428.2
(47) 31.10.2018
(22) 23.03.2012
(54) INTRAOCULAR LENS
(73) Kowa Company Ltd.
(72) SUZAKI, Asaki
(31) 2011065836
(32) 24.03.2011
(33) Japan

(51) A61F 2/18
(11) EP3188691
(21) EP15766906.0
(47) 31.10.2018
(87) FR2015052309
10.03.2016
(22) 01.09.2015
(54) STAPEDIAL PROSTHESIS AND MANUALLY CONTROLLED OR ROBOT-CONTROLLED INSTALLATION COMPRISING SUCH A PROSTHESIS
(73) Collin
(72) MAZALAIGUE, Stéphane
CZAPLINSKI, Armand
(31) 1458319
(32) 05.09.2014
(33) France

(51) A61F 2/24
(11) EP2455042
(21) EP12155264.0
(47) 31.10.2018
(22) 01.09.2005
(54) Replacement prosthetic heart valve system
(73) Medtronic, Inc.
(72) Lemmon, Jack D.
Ryan, Timothy J.
Revuelta, José M.
(31) 935730
(32) 07.09.2004
(33) United States of America

(51) A61F 2/24

(11) EP2870946
(21) EP14186568.3
(47) 31.10.2018
(22) 26.09.2014
(54) Paravalvular leak sealing mechanism
(73) St. Jude Medical, Cardiology Division, Inc.
(72) Braido, Peter Nicholas
Fahim, Mina Safwat
(31) 201361900475 P
(32) 06.11.2013
(33) United States of America

(51) A61F 2/24
(11) EP3238663
(21) EP17173562.4
(47) 31.10.2018
(22) 20.06.2005
(54) DEVICES AND SYSTEMS FOR RESHAPING A HEART VALVE ANNULUS
(73) MVRx, Inc.
(72) MACOVIAK, John
CHANG, Robert T.
RAHDERT, David A.
MACHOLD, Timothy R.
(31) 894433
(32) 19.07.2004
(33) United States of America

(51) A61F 2/24
A61F 2/76
(11) EP3120809
(21) EP15764635.7
(47) 31.10.2018
(87) JP2015058338
24.09.2015
(22) 19.03.2015
(54) TEMPLATE FOR FORMING VALVE LEAFLET
(73) Japanese Organization for Medical Device Development, Inc.
Toho University
(72) OZAKI, Shigeyuki
(31) 2014058056
(32) 20.03.2014
(33) Japan

(51) A61F 2/24
A61F 2/95
A61F 2/958
A61M 25/00
A61M 25/06
A61B 17/00
A61B 17/11
A61F 2/06
(11) EP2063823
(21) EP07803142.4
(47) 31.10.2018
(87) EP2007059155
06.03.2008
(22) 02.09.2007
(54) DEVICES, SYSTEM, KIT AND METHOD FOR EPICARDIAL ACCESS
(73) Carag AG
(72) Zotz, Rainer J.
(31) 06119966
(32) 01.09.2006
(33) European Patent Office (EPO)

(51) A61F 2/24
A61M 29/02
A61M 25/01
(11) EP3001978
(21) EP15181583.4
(47) 31.10.2018
(22) 23.09.2011
(54) REPLACEMENT HEART VALVE DELIVERY DEVICE
(73) Edwards Lifesciences CardiAQ LLC
(72) QUADRI, Arshad
RATZ, J. Brent
(31) 385651 P
(32) 23.09.2010
(33) United States of America

(51) A61F 2/38
(11) EP3223755
(21) EP15807762.8
(47) 31.10.2018
(87) US2015062386
02.06.2016
(22) 24.11.2015
(54) CRUCIATE REPLACING ARTIFICIAL KNEE
(73) Garino, Jonathan P.
(72) Garino, Jonathan P.
(31) 201462084017 P
(32) 25.11.2014
(33) United States of America

(51) A61F 2/38
A61F 2/30
(11) EP3043751
(21) EP13812181.9
(47) 31.10.2018
(87) IT2013000235
12.03.2015
(22) 09.09.2013
(54) ADJUSTABLE MODULAR SPACER DEVICE FOR THE ARTICULATION OF THE KNEE
(73) Cossington Limited
(72) Cappelletti, Ava

(51) A61F 2/38
A61L 27/24
A61L 27/36
A61L 27/38
A61L 27/48
A61F 2/30
A61F 2/36
A61L 27/18
A61L 27/56
(11) EP2663260
(21) EP12700122.0
(47) 31.10.2018
(87) EP2012050317
19.07.2012
(22) 10.01.2012
(54) MEDICAL PRODUCT AND METHOD FOR PRODUCING SAME, IN PARTICULAR FOR THE REGENERATIVE TREATMENT OF CARTILAGE DAMAGE
(73) TETEC Tissue Engineering Technologies AG
Aesculap AG
(72) BOHNSACK, Claudia
FRITZ, Jürgen
GAISSMAIER, Christoph
MOLLENHAUER, Jürgen
WIESE, Dirk Hinrich
STEBANI, Jürgen
MAIER, Gerhard
(31) 102011002530
(32) 11.01.2011
(33) Germany

(51) A61F 2/90
A61F 2/962
(11) EP3052059
(21) EP14777446.7
(47) 31.10.2018
(87) US2014055746
09.04.2015
(22) 16.09.2014
(54) STENTS TWISTED PRIOR TO DEPLOYMENT AND UNTWISTED DURING DEPLOYMENT
(73) Covidien LP
(72) DAVIDSON, James
MOLAEI, Masoud
(31) 201361886975 P
201314136297
(32) 04.10.2013
20.12.2013
(33) United States of America
United States of America

(51) A61F 2/91
A61F 2/915
(11) EP1809203
(21) EP05792405.2
(47) 31.10.2018
(87) DE2005001635
23.03.2006
(22) 16.09.2005
(54) SUPPORTING PROSTHESIS
(73) Fliedner, Thilo, Dr.
(72) Fliedner, Thilo, Dr.
(31) 102004045226
(32) 17.09.2004
(33) Germany

(51) A61F 2/915
(11) EP3000444
(21) EP14800612.5
(47) 31.10.2018
(87) JP2014062591
27.11.2014
(22) 12.05.2014
(54) STENT
(73) Nipro Corporation
Tokai University Educational System
(72) IKARI, Yuji
MATSUMOTO, Kuniaki
(31) 2013108691
(32) 23.05.2013
(33) Japan

(51) A61F 2/915
A61F 2/958
A61L 31/06
B29C 69/00
B29C 55/24
B29L 31/00
(11) EP2911619
(21) EP13721148.8
(47) 31.10.2018
(87) US2013036434
01.05.2014
(22) 12.04.2013
(54) A BALLOON EXPANDABLE STENT MADE FROM PLLA
(73) Abbott Cardiovascular Systems Inc.

(72) HOSSAINY, Syed
ABUNASSAR, Chad J.
NGO, Michael Huy
ELI, Erik David
PRABHU, Santosh V.
TROLLSAS, Mikael
RAPOZA, Richard
(31) 201261717613 P
201313842432
201313842547
(32) 23.10.2012
15.03.2013
15.03.2013
(33) United States of America
United States of America
United States of America

(51) A61F 2/95
(11) EP2124845
(21) EP08724973.6
(47) 31.10.2018
(87) US2008001229
07.08.2008
(22) 30.01.2008
(54) ENDOSCOPIC DELIVERY DEVICE
(73) Cook Medical Technologies LLC
(72) HARTLEY, David, Ernest
LAWRENCE-BROWN, Michael
JANSEN, Shirley
(31) 898604 P
(32) 31.01.2007
(33) United States of America

(51) A61F 2/95
(11) EP2717802
(21) EP12800458.7
(47) 31.10.2018
(87) US2012042185
20.12.2012
(22) 13.06.2012
(54) RECONSTRAINABLE STENT DELIVERY SYSTEM
(73) Flexible Stenting Solutions, Inc.
(72) BEACH, Bradley
BURPEE, Janet
FILACHEK, Andrew
KALAVALAPALLY, Rajesh
SHAH, Neel
JAEGER, Dana
(31) 201161496376 P
201213494567
(32) 13.06.2011
12.06.2012
(33) United States of America
United States of America

(51) A61F 5/443
A61F 13/02
B31D 1/02
G09F 3/00
A61F 13/00
G09F 3/02
(11) EP2558043
(21) EP11769167.5
(47) 31.10.2018
(87) SE2011050431
20.10.2011
(22) 08.04.2011
(54) OSTOMY DEVICE
(73) Mölnlycke Health Care AB
(72) UVEBORN, Johan
(31) 1050358
(32) 12.04.2010
(33) Sweden

(51) A61F 6/08
A61F 2/00
(11) EP2043570
(21) EP07812764.4
(47) 31.10.2018
(87) US2007073182
17.01.2008
(22) 10.07.2007
(54) RESILIENT DEVICE
(73) First Quality Hygienic, Inc.
(72) BARTNING, Michelle
GIRONDA, Kevin F.
HOU, Mari
LUCHINO, Thomas P.
FREISLINGER LUEHRS, Kirsten
MAVINKURVE, Pramod
ROSENFELD, Leonard
HULL, JR, Raymond J.
CHASE, David J.
(31) 456376
456390
456402
(32) 10.07.2006
10.07.2006
10.07.2006
(33) United States of America
United States of America
United States of America

(51) A61F 9/00
A61K 9/70
A61K 47/34
A61K 31/5575
A61K 31/216
A61K 9/00
(11) EP2701680
(21) EP12718867.0
(47) 31.10.2018
(87) US2012035398
01.11.2012
(22) 27.04.2012
(54) SUSTAINED RELEASE LATANOPROST IMPLANT
(73) ALLERGAN, INC.
(72) GHEBREMESKEL, Alazar, N.
SPADA, Lon, T.
(31) 201161480657 P
201161480630 P
(32) 29.04.2011
29.04.2011
(33) United States of America
United States of America

(51) A61F 9/007
A61F 9/008
(11) EP2575712
(21) EP11721723.2
(47) 31.10.2018
(87) EP2011002608
01.12.2011
(22) 26.05.2011
(54) DEVICE FOR CATARACT SURGERY
(73) Carl Zeiss Meditec AG
(72) KASCHKE, Michael
MONZ, Ludwin
DAMM, Tobias
MÜHLHOFF, Dirk
REIN, Karlheinz
STOBRAWA, Gregor
DICK, Manfred
KÜHNER, Martin
HÖGELE, Artur
REICH, Matthias
GREBNER, Dieter
(31) 349042 P
102010022298
(32) 27.05.2010
27.05.2010
(33) United States of America
Germany

(51) A61F 9/008
A61B 3/10
(11) EP2997940
(21) EP15187394.0
(47) 31.10.2018
(22) 19.12.2012
(54) INTRA-SURGICAL OPTICAL COHERENCE TOMOGRAPHIC IMAGING OF CATARACT PROCEDURES
(73) Alcon LenSx, Inc.
(72) GOLDSHLEGER, Ilya
HOLLAND, Guy
JUHASZ, Adam
KURTZ, Ronald, M.
VARDIN, Kostadin
(31) 201113329529
(32) 19.12.2011
(33) United States of America

(51) A61F 9/04
A61F 9/007
A61F 9/00
(11) EP2903577
(21) EP13773516.3
(47) 31.10.2018
(87) US2013061296
10.04.2014
(22) 24.09.2013
(54) IRIS SHIELD
(73) Clarke, Gerald
(72) Clarke, Gerald
(31) 201213632271
(32) 01.10.2012
(33) United States of America

(51) A61F 9/06
B23K 9/32
(11) EP3178454
(21) EP16202639.7
(47) 31.10.2018
(22) 07.12.2016
(54) METHOD AND SYSTEM FOR ACCELERATED REACTION OF THE DARKENING OF THE OPTICAL ELEMENT IN A WELDING PROTECTION DEVICE
(73) Trafimet Group S.p.A.
(72) Papp, Róbert
Lipták, Kristián
Lauko, Robert
(31) 501162015 U
500312016
500712016 U
(32) 07.12.2015
30.05.2016
30.05.2016
(33) Slovakia

Slovakia
Slovakia

(51) A61F 13/00
(11) EP3244852
(21) EP15820379.4
(47) 31.10.2018
(87) US2015065133
21.07.2016
(22) 10.12.2015
(54) CLOSED ABDOMINAL MANIFOLD DRESSING
(73) KCI Licensing, Inc.
(72) SEDDON, James Killingworth
HALL, Colin John
(31) 201562103439 P
(32) 14.01.2015
(33) United States of America

(51) A61F 13/00
A61B 5/053
A61F 5/445
(11) EP1991187
(21) EP07711247.2
(47) 31.10.2018
(87) DK2007000096
07.09.2007
(22) 28.02.2007
(54) A LEAK SENSOR
(73) Coloplast A/S
(72) THIRSTRUP, Carsten
NILSSON, Daniel
PRANOV, Henrik
LADING, Lars
(31) 200600289
200600603
(32) 28.02.2006
25.04.2006
(33) Denmark
Denmark

(51) A61F 13/00
A61F 15/00
(11) EP3160408
(21) EP15722694.5
(47) 31.10.2018
(87) EP2015060058
30.12.2015
(22) 07.05.2015
(54) A WOUND CARE PRODUCT
(73) Mölnlycke Health Care AB
(72) AHSANI GHAHREMAN, Sami
DAHLBERG, Anders
IRELIND, Linda
MELLBRING, Olof
(31) 14173600
(32) 24.06.2014
(33) European Patent Office (EPO)

(51) A61F 13/00
A61L 15/42
B32B 7/06
A61F 13/02
A61L 101/22
A61L 101/36
A01N 59/00
A01N 37/44
A01N 31/02
A01N 37/36
A01N 37/16
A01N 25/34
(11) EP2482772
(21) EP10814534.3
(47) 31.10.2018
(87) US2010047756
10.03.2011
(22) 02.09.2010
(54) ANTIMICROBIAL MEDICAL DRESSINGS AND PROTECTING WOUNDS AND CATHETER SITES
(73) Hyprotek, Inc.
(72) TENNICAN, Patrick, O.
PHIPPS, L., Myles
(31) 239130 P
874188
(32) 02.09.2009
01.09.2010
(33) United States of America
United States of America

(51) A61F 13/02
A61K 9/70
(11) EP2931198
(21) EP13862696.5
(47) 31.10.2018
(87) US2013073922
19.06.2014
(22) 09.12.2013
(54) ADHESIVE ARTICLES
(73) Alfred E. Mann Institute for Biomedical Engineering at the University of Southern California
(72) BLANCO, Cesar
LASCH, Jonathan, Gregory
(31) 201261737297 P
(32) 14.12.2012
(33) United States of America

(51) A61F 13/15
(11) EP2432438
(21) EP10720112.1
(47) 31.10.2018
(87) US2010035544
25.11.2010
(22) 20.05.2010
(54) A WASHABLE DIAPER AND METHOD OF ASSEMBLY
(73) Beck, Sandra C.
(72) Beck, Sandra C.
(31) 469357
(32) 20.05.2009
(33) United States of America

(51) A61F 13/20
A61F 13/36
A61F 13/38
D04H 1/4374
(11) EP3193800
(21) EP15777736.8
(47) 31.10.2018
(87) IB2015056392
24.03.2016
(22) 24.08.2015
(54) SURGICAL SWAB COMPOSED OF NON-WOVEN FABRIC AND TEXTILE POLYMER NET
(73) Bastos Viegas S.A.
(72) VIEGAS NIETO GUIMARÃES, Luis Salvador
(31) 10789114
(32) 17.09.2014
(33) Portugal

(51) A61F 13/49
A61F 13/496
A61F 13/15
(11) EP2790628
(21) EP12857764.0
(47) 31.10.2018
(87) US2012069410
20.06.2013
(22) 13.12.2012
(54) DIAPER
(73) 3M Innovative Properties Company
(72) ARAI, Nobuharu
KIMURA, Shinji
ROGERS, John J.
(31) 2011276053
(32) 16.12.2011
(33) Japan

(51) A61F 13/49
A61F 13/511
A61F 13/533
A61F 13/537
(11) EP2656826
(21) EP11851031.2
(47) 31.10.2018
(87) JP2011078890
28.06.2012
(22) 14.12.2011
(54) ABSORPTIVE ARTICLE
(73) Kao Corporation
(72) YANAGIHARA, Shigeto
TOMITA, Mina
KOUTA, Takuya
(31) 2010284527
2011017053
2011018443
2011268099
(32) 21.12.2010
28.01.2011
31.01.2011
07.12.2011
(33) Japan
Japan
Japan
Japan

(51) A61F 13/511
A61F 13/512
(11) EP3128979
(21) EP15724034.2
(47) 31.10.2018
(87) IB2015052561
15.10.2015
(22) 08.04.2015
(54) ABSORBENT SANITARY ARTICLE COMPRISING MULTILAYER MATERIAL
(73) Pantex International S.p.A.
(72) ANGELI, Pietro
FORNONI, Gianluigi
DI BENEDETTO, Carmine
CAIRA, Antonio
(31) TO20140300
(32) 08.04.2014
(33) Italy

(51) A61F 13/53
A61F 13/15
A61F 13/56
A61F 13/472
(11) EP2407137
(21) EP11184675.4
(47) 31.10.2018

(22) 15.09.2005
(54) DRAPEABLE SANITARY ABSORBENT NAPKIN
(73) Johnson & Johnson Consumer Inc.
(72) Rosenfeld, Leonard G.
Wysocki, Theresa
Yang, Morris
Nikitina, Marina
Poccia, John
(31) 943175
942496
(32) 16.09.2004
16.09.2004
(33) United States of America
United States of America

(51) A61G 7/05
(11) EP3169295
(21) EP15749977.3
(47) 31.10.2018
(87) DE2015100293
21.01.2016
(22) 09.07.2015
(54) SIDE-RAIL ARRANGEMENT WITH SYNCHRONISM
(73) Joh. Stiegelmeyer GmbH & Co. KG
(72) MYLNIKOW, Jurij
DOHMANN, Henrik
PRADEL, Benjamin
STEUERNAGEL, Olaf
(31) 202014103282 U
(32) 16.07.2014
(33) Germany

(51) A61H 1/00
A61H 1/02
A61H 7/00
A61H 39/04
(11) EP2736474
(21) EP12821796.5
(47) 31.10.2018
(87) US2012050125
14.02.2013
(22) 09.08.2012
(54) NEUROMUSCULAR THERAPY DEVICE AND METHOD
(73) Summit Online Products LLC
(72) TURNER, Thomas, W.
(31) 201161521418 P
(32) 09.08.2011
(33) United States of America

(51) A61J 1/14
A61J 1/10
A61J 1/05
B32B 27/32
B32B 27/08
B29C 65/08
(11) EP2377504
(21) EP09837578.5
(47) 31.10.2018
(87) JP2009071418
15.07.2010
(22) 24.12.2009
(54) POURING PORT, METHOD FOR PRODUCING SAME AND CONTAINER FOR LIQUID PROVIDED WITH THE POURING PORT
(73) Fujimori Kogyo Co., Ltd.
(72) SUZUKI, Toyoaki
MIURA, Koichi
(31) 2009001043
(32) 06.01.2009
(33) Japan

(51) A61J 1/14
A61J 1/10
A61J 1/20
(11) EP2999450
(21) EP14731699.6
(47) 31.10.2018
(87) FR2014051194
27.11.2014
(22) 21.05.2014
(54) STOPPER OF A CONNECTOR FOR AN INFUSION BAG
(73) Obrist Closures Switzerland GmbH
Maco Pharma
(72) BENOIT-GONIN, Claude
BARDET, Philippe
CHOLLET, Stéphane
(31) 1354584
(32) 22.05.2013
(33) France

(51) A61J 1/14
A61M 5/178
B65D 47/06
A61J 1/20
(11) EP3265045
(21) EP16707129.9
(47) 31.10.2018
(87) EP2016054322
15.09.2016
(22) 01.03.2016
(54) SAMPLING DEVICE FOR LIQUIDS
(73) Coltène/Whaledent GmbH + Co. KG
(72) MÜLLER, Barbara
SCHLÜTER, Martin
WOLFERT, Johannes
MANNSCHEDEL, Werner
(31) 15000671
(32) 06.03.2015
(33) European Patent Office (EPO)

(51) A61J 1/14
A61M 39/10
(11) EP2152221
(21) EP08755719.5
(47) 31.10.2018
(87) US2008063917
11.12.2008
(22) 16.05.2008
(54) UNIVERSAL NEEDLEFREE BAG ACCESS DEVICE
(73) CareFusion 303, Inc.
(72) YOW, D., Gregory
PHILLIPS, John, C.
(31) 804660
(32) 18.05.2007
(33) United States of America

(51) A61K 6/00
(11) EP2705825
(21) EP12183620.9
(47) 31.10.2018
(22) 07.09.2012
(54) Varnish containing fluoride for application to the surface of teeth
(73) Ivoclar Vivadent AG
(72) Lendenmann, Urs
Bolis, Carlo

(51) A61K 6/00
A61K 6/083
(11) EP3107521
(21) EP15706650.7
(47) 31.10.2018
(87) US2015016250
27.08.2015
(22) 18.02.2015
(54) ADHESIVE BONDING COMPOSITION AND USE THEREOF
(73) 3M Innovative Properties Company
(72) ECKERT, Adrian
CUB, Michael
HAILAND, Bettina
EDELMANN, Ines
THALACKER, Christoph
DEDE, Karsten
HOHEISEL, Uwe
HECHT, Reinhold
(31) 14155572
(32) 18.02.2014
(33) European Patent Office (EPO)

(51) A61K 6/027
A61K 6/04
A61K 6/083
A61K 6/00
(11) EP3108868
(21) EP15751588.3
(47) 31.10.2018
(87) JP2015000733
27.08.2015
(22) 17.02.2015
(54) DENTAL RESTORATIVE COMPOSITION
(73) Kuraray Noritake Dental Inc.
(72) KITA, Hirotaka
KAWANA, Michiya
TERAKAWA, Eiichi
(31) 2014031029
(32) 20.02.2014
(33) Japan

(51) A61K 8/29
A61Q 1/12
A61K 8/02
A61Q 1/02
(11) EP3175836
(21) EP15827674.1
(47) 31.10.2018
(87) JP2015069288
04.02.2016
(22) 03.07.2015
(54) COSMETIC MATERIAL
(73) Sakai Chemical Industry Co., Ltd.
(72) SAKO, Emi
KOBAYASHI, Keita
(31) 2014153700
(32) 29.07.2014
(33) Japan

(51) A61K 8/31
A61K 8/46
A61Q 19/10
A61K 8/92
A61K 8/27
A61K 8/04
(11) EP3322399
(21) EP16738732.3
(47) 31.10.2018
(87) EP2016066370
19.01.2017

(22) 08.07.2016
(54) IN-SITU PROCESS FOR MAKING A SMALL PARTICLE NARROW DISTRIBUTION FATTY ACYL ISETHIONATE IN OIL COMPOSITION
(73) Unilever NV
(72) SHILOACH, Anat
WINTERS, John, Robert
AHTCHI-ALI, Badreddine
(31) 15177092
15177102
(32) 16.07.2015
16.07.2015
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 8/31
A61Q 1/06
A61K 8/58
A61K 8/891
A61K 8/92
A61K 8/02
(11) EP3157497
(21) EP15731021.0
(47) 31.10.2018
(87) EP2015063678
23.12.2015
(22) 18.06.2015
(54) SOLID LIPSTICK COMPOSITION HAVING IMPROVED HARDNESS
(73) L'Oréal
(72) BUI, Hy Si
EL-KHOURI, Rita Jaky
(31) 201414307815
(32) 18.06.2014
(33) United States of America

(51) A61K 8/34
A61K 8/41
A61K 8/42
A61Q 5/12
A61K 8/04
(11) EP2877147
(21) EP13741742.4
(47) 31.10.2018
(87) EP2013065645
30.01.2014
(22) 24.07.2013
(54) Process for making a conditioning gel phase
(73) Unilever N.V.
(72) CASUGBO, Christia
FLANAGAN, Mark
HOUGH, John, Alan
NAUGHTON, John, Michael
SERRIDGE, David
(31) 12178165
(32) 27.07.2012
(33) European Patent Office (EPO)

(51) A61K 8/36
A61K 8/37
A61K 8/39
A61K 8/44
A61K 8/49
A61K 8/60
A61K 8/63
A61Q 5/02
A61Q 19/10
A61K 8/34
A61K 8/02
A61K 8/14
(11) EP2811968
(21) EP13746918.5
(47) 31.10.2018
(87) US2013025282
15.08.2013
(22) 08.02.2013
(54) STRUCTURED SURFACTANT SUSPENDING SYSTEMS
(73) Stepan Company
(72) HAWKINS, John
PACE, Emilie
Lebert, Laetitia
(31) 201202333
(32) 10.02.2012
(33) United Kingdom

(51) A61K 8/36
A61K 8/40
A61Q 5/00
(11) EP2793820
(21) EP12809239.2
(47) 31.10.2018
(87) EP2012075706
27.06.2013
(22) 17.12.2012
(54) USE OF AN ACTIVE AGENT COMBINATION OF SORBIC ACID AND A HYDROXAMIC ACID AGAINST DANDRUFF
(73) Beiersdorf AG
(72) FIRYN, Andreas
GÖKSEL, Hülya
KÖHLER, Manuela
KOHUT, Michaela
PILZNER, Anke
TRAUPE, Bernd
(31) 102011088962
(32) 19.12.2011
(33) Germany

(51) A61K 8/37
A61Q 5/02
A61Q 13/00
A61Q 19/10
C07C 69/738
C07C 69/716
C11B 9/00
C11D 3/50
(11) EP3110393
(21) EP15705313.3
(47) 31.10.2018
(87) EP2015053502
27.08.2015
(22) 19.02.2015
(54) PHOTOLABILE PRO-FRAGRANCES
(73) Henkel AG & Co. KGaA
(72) KROPF, Christian
GERKE, Thomas
HUCHEL, Ursula
GRIESBECK, Axel
LANDES GEB. BURCZYK, Agnieszka
(31) 102014203252
(32) 24.02.2014
(33) Germany

(51) A61K 8/41
(11) EP2923691
(21) EP15161027.6
(47) 31.10.2018
(22) 26.03.2015
(54) Method of suppressing background rise in color reagent solution, color reagent solution, reagent kit, and measuring apparatus
(73) ARKRAY, Inc.
(72) Omiya, Kazuhiro
Imai, Toshihiro
(31) 2014062845
(32) 26.03.2014
(33) Japan

(51) A61K 8/44
A61K 8/49
A61Q 5/02
A61Q 5/12
(11) EP2512425
(21) EP10792844.2
(47) 31.10.2018
(87) EP2010007677
23.06.2011
(22) 15.12.2010
(54) CLEANSING COMPOSITION
(73) Kao Germany GmbH
(72) MOLENDA, Michael
TIETJEN, Ilka
(31) 09015682
(32) 18.12.2009
(33) European Patent Office (EPO)

(51) A61K 8/73
A61K 8/02
A61K 8/34
A61K 8/362
A61K 8/365
A61K 9/70
A61K 47/36
A61Q 19/00
C08B 37/08
C08L 5/00
A61Q 19/08
(11) EP2910238
(21) EP13847345.9
(47) 31.10.2018
(87) JP2013071003
24.04.2014
(22) 02.08.2013
(54) HYALURONIC ACID GEL SHEET AND METHOD FOR PRODUCING SAME
(73) Cosmed Pharmaceutical Co., Ltd.
(72) YONETO, Kunio
HASEGAWA, Junya
KONDOU, Naoko
QUAN, Ying-shu
KAMIYAMA, Fumio
(31) 2012242203
(32) 17.10.2012
(33) Japan

(51) A61K 8/9789
A61Q 19/08
(11) EP3038715
(21) EP14781043.6
(47) 31.10.2018
(87) BR2014000316
12.03.2015
(22) 08.09.2014
(54) A COMPOSITION COMPRISING GUACATONGA EXTRACT AND AROEIRA EXTRACT, USE THEREOF FOR PREVENTING AND/OR TREATING SKIN AGEING
(73) Natura Cosméticos S.A.

(72) ARROTEIA, Kelen Fabiola
FERRARI, Cintia Rosa
HANNEL BUELONI, Renata
CARVALHÃES LAGO, Juliana
PAULINELI NAVAS, Rhaisa Thaís
ARAÚJO RODRIGUES MUCHIUTTI, Pâmela
DE ASSIS SANTOS, Icaro
IATESTA DOMENICO, Carolina
ZIMBARDI, Daniela
TEIXEIRA TAGÉ BIAGGIO, Rosa Maria
PASSERO, Alan
BAIONE DE MOURA, Soraya
PEDROSO DE OLIVEIRA, Ana Paula
(31) 1358641
(32) 09.09.2013
(33) France

(51) A61K 9/00
A61K 31/519
A61K 47/10
(11) EP2787967
(21) EP12806256.9
(47) 31.10.2018
(87) US2012067763
13.06.2013
(22) 04.12.2012
(54) ORAL SPRAY FORMULATIONS AND METHODS FOR ADMINISTRATION OF SILDENAFIL
(73) Suda Limited
(72) BERGSTROM, David
OPAWALE, Foye
(31) 201161566879 P
(32) 05.12.2011
(33) United States of America

(51) A61K 9/00
A61K 47/40
A61K 31/728
A61K 31/737
A61P 19/02
A61P 19/04
(11) EP3082869
(21) EP14830561.8
(47) 31.10.2018
(87) IB2014002774
25.06.2015
(22) 15.12.2014
(54) COMBINATION OF GLYCOSAMINOGLYCANS AND CYCLODEXTRINS
(73) Apharm S.r.l.
(72) PIZZONI, Angelo
PIZZONI, Paolo
(31) MI20132116
(32) 18.12.2013
(33) Italy

(51) A61K 9/06
A61K 38/26
A61K 47/14
A61K 47/24
A61K 47/10
A61P 3/10
(11) EP2194969
(21) EP08788417.7
(47) 31.10.2018
(87) GB2008002857
26.02.2009
(22) 22.08.2008
(54) ACID CONTAINING LIPID FORMULATIONS
(73) Camurus AB
(72) NISTOR, Catalin
JOHNSSON, Markus
TIBERG, Fredrik
(31) 0716385
(32) 22.08.2007
(33) United Kingdom

(51) A61K 9/107
A61K 38/05
A61K 38/06
A61K 38/07
A61K 38/08
A61K 8/64
A61P 43/00
C07K 5/06
C07K 5/08
C07K 5/10
C07K 7/06
A61Q 19/00
A61K 8/04
A61K 45/06
A61K 9/06
A61K 47/34
(11) EP2816999
(21) EP13752241.3
(47) 31.10.2018
(87) SG2013000069
29.08.2013
(22) 22.02.2013
(54) ORGANOGELS AND EMULSIONS FOR BIOLOGICAL AND NON-BIOLOGICAL APPLICATIONS
(73) Agency for Science, Technology and Research
(72) HAUSER, Charlotte
MISHRA, Archana
(31) 201201239
(32) 22.02.2012
(33) Singapore

(51) A61K 9/127
A61K 33/06
(11) EP3046541
(21) EP14771832.4
(47) 31.10.2018
(87) EP2014069729
26.03.2015
(22) 16.09.2014
(54) MAGNESIUM-LIPOSOMES
(73) Fresenius Medical Care Deutschland GmbH
(72) BÜCHEL, Janine
HOFMANN, Wolfgang
GUNDLACH, Kristina
YILLAH, Jasmin
STEPPAN, Sonja
ARENS, Hans-Jürgen
(31) 102013015334
(32) 17.09.2013
(33) Germany

(51) A61K 9/14
A61K 31/58
A61P 11/06
A61K 31/137
(11) EP2611422
(21) EP11755042.6
(47) 31.10.2018
(87) EP2011065055
08.03.2012
(22) 31.08.2011
(54) DRY POWDER INHALATION DRUG PRODUCTS EXHIBITING MOISTURE CONTROL PROPERTIES AND METHODS OF ADMINISTERING THE SAME
(73) GlaxoSmithKline Intellectual Property Development Limited
(72) ASWANIA, Osama
JIANG, Zhong
ROCHE, Trevor, Charles
WHITAKER, Mark
(31) 378409 P
(32) 31.08.2010
(33) United States of America

(51) A61K 9/14
A61K 39/385
A61K 47/50
A61P 37/00
(11) EP1993511
(21) EP07751436.2
(47) 31.10.2018
(87) US2007004671
30.08.2007
(22) 21.02.2007
(54) NANOPARTICLES FOR IMMUNOTHERAPY
(73) Ecole Polytechnique Fédérale de Lausanne (EPFL)
(72) REDDY, Sai T.
HUBBELL, Jeffrey A.
SWARTZ, Melody A.
VAN DER VLIES, Andre
(31) 775132 P
707627
(32) 21.02.2006
19.02.2007
(33) United States of America
United States of America

(51) A61K 9/14
A61P 15/08
A61K 38/00
A61K 9/72
A61P 15/00
A61K 9/60
A61P 15/14
A61P 35/00
A61K 38/11
A61P 7/04
(11) EP2739268
(21) EP11870462.6
(47) 31.10.2018
(87) AU2011001430
07.02.2013
(22) 07.11.2011
(54) METHOD AND FORMULATION FOR INHALATION
(73) Monash University
(72) MCINTOSH, Michelle
MORTON, David
SOU, Tomas
OLERILE, Livesey
PRANKERD, Richard
(31) 2011903049
(32) 01.08.2011
(33) Australia

(51) A61K 9/16
A61K 31/465

(11) EP1803443
(21) EP07007325.9
(47) 31.10.2018
(22) 19.12.2003
(54) A nicotine-containing particulate material with a crystalline cellulose
(73) NicoNovum AB
(72) Hansson, Henri
Kristensen, Arne
(31) 200201984
514050 P
(32) 20.12.2002
24.10.2003
(33) Denmark
United States of America

(51) A61K 9/16
A61K 31/465
(11) EP1803444
(21) EP07007326.7
(47) 31.10.2018
(22) 19.12.2003
(54) A method for the preparation of a nicotine-containing particulate material with a crystalline cellulose (in particular MCC)
(73) NicoNovum AB
(72) Hansson, Henri
Kristensen, Arne
(31) 200201984
514050 P
(32) 20.12.2002
24.10.2003
(33) Denmark
United States of America

(51) A61K 9/20
A61K 9/28
A61K 9/50
A61K 31/4196
A61P 39/04
(11) EP2964202
(21) EP14710654.6
(47) 31.10.2018
(87) IB2014059494
12.09.2014
(22) 06.03.2014
(54) ORAL FORMULATIONS OF DEFERASIROX
(73) Novartis AG
(72) GHOSH, Indrajit
ZHANG, Jia-Ai
(31) 201361774893 P
201361824435 P
(32) 08.03.2013
17.05.2013
(33) United States of America
United States of America

(51) A61K 9/20
A61K 31/165
A61K 31/549
(11) EP2034968
(21) EP07785832.2
(47) 31.10.2018
(87) EP2007005476
27.12.2007
(22) 21.06.2007
(54) GALENICAL FORMULATIONS OF ALISKIREN AND HYDROCHLOROTHIAZIDE
(73) Noden Pharma DAC
(72) WILLMANN, Matthias
(31) 0612540
(32) 23.06.2006
(33) United Kingdom

(51) A61K 9/70
(11) EP2682113
(21) EP12174672.1
(47) 31.10.2018
(22) 02.07.2012
(54) Sealing laminates containing agents
(73) Luye Pharma AG
(72) Dabdoub, Nicola
Antropius, Peter
Beckert, Thomas
Salman, Nouha
Schneider, Lorena
Schurad, Björn

(51) A61K 31/122
A61K 31/593
A23K 20/174
A23K 20/179
A23K 50/75
A23L 33/155
A23L 15/00
(11) EP3010354
(21) EP14729321.1
(47) 31.10.2018
(87) EP2014062028
24.12.2014
(22) 10.06.2014
(54) NOVEL USE OF CANTHAXANTHIN AND 25-DIHYDROXY-CHOLECALCIFEROL
(73) DSM IP Assets B.V.
(72) BITTAR, Isaac
HERMES, Rafael Gustavo
HAMELIN, Catherine
CISNEROS, Fernando
(31) 13172380
(32) 18.06.2013
(33) European Patent Office (EPO)

(51) A61K 31/137
A61P 25/04
(11) EP2694049
(21) EP12718064.4
(47) 31.10.2018
(87) EP2012001472
11.10.2012
(22) 03.04.2012
(54) TAPENTADOL FOR PREVENTING CHRONIFICATION OF PAIN
(73) Grünenthal GmbH
(72) SCHIENE, Klaus
STEIGERWALD, Ilona
HAMON, Michel
SCHNEIDER, Johannes
REINARTZ, Silvia
JAHNEL, Ulrich
TZSCHENTKE, Thomas
(31) 11002811
11003508
(32) 05.04.2011
29.04.2011
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 31/194
A61K 31/198
A61K 31/19
A61K 31/28
A61K 31/295
A61K 31/305
A61K 31/315
A61K 33/02
A61P 31/04
A23L 33/165
A23K 50/60
A23K 50/75
A23K 50/10
A23K 20/20
A23K 20/195
A23K 20/10
A23K 20/158
A23K 20/142
A23K 20/105
C07F 3/06
C07F 15/02
C07F 13/00
A61K 31/30
C07F 1/08
A23K 50/30
(11) EP2866799
(21) EP13771598.3
(47) 31.10.2018
(87) IB2013054391
03.01.2014
(22) 28.05.2013
(54) ANTIBACTERIAL MICROELEMENT CHELATES AND THE USE THEREOF IN ANIMAL FEEDS
(73) Dr. Bata Zrt.
(72) BATA, Árpád
KUTASI, József
(31) P1200394
(32) 29.06.2012
(33) Hungary

(51) A61K 31/194
A61P 35/00
(11) EP3193858
(21) EP15756848.6
(47) 31.10.2018
(87) EP2015067795
11.02.2016
(22) 03.08.2015
(54) NEW MDR1 INHIBITORS FOR OVERCOMING MULTIDRUG RESISTANCE
(73) Università degli Studi di Parma
(72) BERNINI, Franco
ADORNI, Maria Pia
PETRONINI, Pier Giorgio
ALFIERI, Roberta
GALETTI, Maricla
FAVARI, Elda
INCERTI, Matteo
(31) MI20141425
(32) 04.08.2014
(33) Italy

(51) A61K 31/195
A61K 45/06
A61K 31/19
A61K 31/155
A61K 31/426
(11) EP2731599
(21) EP12814141.3
(47) 31.10.2018
(87) US2012046814

24.01.2013
(22) 13.07.2012
(54) COMPOSITIONS AND METHODS FOR MODULATING METABOLIC PATHWAYS
(73) NuSirt Sciences, Inc.
(72) ZEMEL, Michael
GRINDSTAFF, E., Douglas, II
BRUCKBAUER, Antje
(31) 201161508139 P
201261636608 P
201261636603 P
201261636610 P
201261636598 P
201261636605 P
201261636597 P
(32) 15.07.2011
20.04.2012
20.04.2012
20.04.2012
20.04.2012
20.04.2012
20.04.2012
(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

(51) A61K 31/198
A61K 31/405
A61P 11/00
(11) EP2968241
(21) EP14779732.8
(47) 31.10.2018
(87) US2014023363
09.10.2014
(22) 11.03.2014
(54) MATERIALS AND METHODS FOR IMPROVING LUNG FUNCTION AND FOR PREVENTION AND/OR TREATMENT OF RADIATION-INDUCED LUNG COMPLICATIONS
(73) University of Florida Research Foundation, Inc.
(72) VIDYASAGAR, Sadasivan
OKUNIEFF, Paul
(31) 201361775754 P
(32) 11.03.2013
(33) United States of America

(51) A61K 31/277
C07C 317/32
A61P 29/00
(11) EP3110412
(21) EP15754442.0
(47) 31.10.2018
(87) US2015017049
03.09.2015
(22) 23.02.2015
(54) 4-BENZYLSULFONYL-2-BUTENENITRILE
(73) Olatec Therapeutics LLC
(72) ST. LAURENT, Joseph P.
JONES, Gerald S.
BRESSE, David M.
GOODRICH, Scott A.
(31) 201461944527 P
(32) 25.02.2014
(33) United States of America

(51) A61K 31/351
A61K 31/4162
A61K 31/437
A61K 31/505
A61K 31/5513
A61K 45/06
A61P 35/00
A61P 35/04
C07D 491/052
(11) EP2793881
(21) EP12859252.4
(47) 31.10.2018
(87) US2012071341
27.06.2013
(22) 21.12.2012
(54) ANTI-CANCER COMPOUNDS TARGETING RAL GTPASE
(73) University of Virginia Patent Foundation
The Regents of the University of Colorado
Indiana University Research and Technology Corporation
(72) THEODORESCU, Dan
WEMPE, Michael, Fitzpatrick
ROSS, David
MEROUEH, Samy
SCHWARTZ, Martin, A.
REIGAN, Phillip
(31) 201161578869 P
(32) 21.12.2011
(33) United States of America

(51) A61K 31/352
A61P 1/08
(11) EP2986289
(21) EP14717843.8
(47) 31.10.2018
(87) GB2014051159
23.10.2014
(22) 14.04.2014
(54) TETRAHYDROCANNABIVARIN FOR USE IN THE TREATMENT OF NAUSEA AND VOMITING
(73) GW Research Limited
(72) ROCK, Erin
PARKER, Linda
DUNCAN, Marnie
STOTT, Colin
(31) 201307047
(32) 18.04.2013
(33) United Kingdom

(51) A61K 31/381
A61K 31/353
A61P 29/00
(11) EP3167884
(21) EP15818394.7
(47) 31.10.2018
(87) RU2015000363
14.01.2016
(22) 10.06.2015
(54) 2H-CHROMENE DERIVATIVES AS ANALGESIC AGENTS
(73) Obshestvo S Ogranichennoi Otvetsvennostju "Leofors"
(72) KHAID, Ekaterina Vladimirovna
PAVLOVA, Alla Viktorovna
MIKHAL'CHENKO, Oksana Stanislavovna
KORCHAGINA, Dina Vladimirovna
TOLSTIKOVA, Tatiana Genrihovna
VOLCHO, Konstantin Petrovich
KHAZANOV, Veniamin Abramovich
SALAKHUTDINOV, Nariman Faridovich
(31) 2014127953
(32) 08.07.2014
(33) Russian Federation

(51) A61K 31/4015
A61K 31/205
A61K 31/122
A61P 25/28
A61P 25/16
(11) EP2262495
(21) EP09715570.9
(47) 31.10.2018
(87) BR2009000053
03.09.2009
(22) 27.02.2009
(54) PHARMACEUTICAL COMPOSITION COMPRISING RACETAM AND CARNITINE AND PROCESS FOR ITS PREPARATION
(73) Biolab Sanus Farmacéutica Ltda
(72) PERREIRA, José Roberto da Costa
FALCI Marcio
ALARIO, Mauricio Matteis
(31) PI0800432
(32) 29.02.2008
(33) Brazil

(51) A61K 31/4152
A61P 25/00
(11) EP1793821
(21) EP05772671.3
(47) 31.10.2018
(87) JP2005014969
16.02.2006
(22) 10.08.2005
(54) PYRAZOLONE COMPOUNDS FOR TREATING CEREBROVASCULAR DISORDERS
(73) Mitsubishi Tanabe Pharma Corporation
(72) YUKI, Satoshi, c/o MITSUBISHI PHARMA CORPORATION
NAKANO, Takuma, c/o MITSUBISHI PHARMA CORPORATION
SUZUKI, Hiroko, c/o MITSUBISHI PHARMA CORPORATION
(31) 2004233635
(32) 10.08.2004
(33) Japan

(51) A61K 31/4162
A61K 31/4155
A61K 31/519
A61K 31/506
A61P 35/00
(11) EP3033079
(21) EP14835935.9
(47) 31.10.2018
(87) US2014050783
19.02.2015
(22) 12.08.2014
(54) METHODS FOR THE TREATMENT OF HER2 AMPLIFIED CANCER
(73) Pharmacyclics LLC
(72) CHEN, Jun
BUGGY, Joseph J.
ELIAS, Laurence
(31) 201361865059 P

201461969003 P
(32) 12.08.2013
21.03.2014
(33) United States of America
United States of America

(51) A61K 31/4164
A61K 31/496
C07K 16/28
A61P 35/00
A61K 39/395
A61K 45/06
A61K 31/122
A61K 31/497
A61K 39/00
(11) EP2759297
(21) EP14150601.4
(47) 31.10.2018
(22) 09.01.2014
(54) Combination therapy using p53 activator and c-Met inhibitor
(73) Samsung Electronics Co., Ltd
(72) Oh, Young Mi
Kim, Kyung Ah
(31) 20130009907
(32) 29.01.2013
(33) Korea (Republic)

(51) A61K 31/429
A61P 35/00
A61P 29/00
(11) EP3010504
(21) EP14814014.8
(47) 31.10.2018
(87) US2014043029
24.12.2014
(22) 18.06.2014
(54) METHODS AND COMPOSITIONS TO TREAT CANCER
(73) Children's Hospital Medical Center
(72) WHITSETT, Jeffrey
MAEDA, Yutaka
(31) 201361837436 P
(32) 20.06.2013
(33) United States of America

(51) A61K 31/47
A61K 31/4738
A61K 31/63
A61K 38/17
A61K 31/00
C07K 14/47
C07K 14/505
A61P 7/06
A61P 9/10
G01N 33/74
C12N 15/09
C12Q 1/34
C12Q 1/56
(11) EP2295060
(21) EP10181210.5
(47) 31.10.2018
(22) 06.12.2002
(54) Treatment or prevention of ischemic or hypoxic conditions
(73) Fibrogen, Inc.
(72) Guenzler-Pukall, Volkmar
Neff, Thomas B.
Wang, Qingjian
Flippin, Lee A.
Arend, Michael P.
(31) 337082 P
349659 P
359683 P
386488 P
(32) 06.12.2001
16.01.2002
25.02.2002
05.06.2002
(33) United States of America
United States of America
United States of America
United States of America

(51) A61K 31/5025
A61P 31/12
(11) EP2654753
(21) EP11808295.7
(47) 31.10.2018
(87) GB2011052524
28.06.2012
(22) 20.12.2011
(54) SANGLIFEHRIN DERIVATIVES AND METHODS FOR THEIR PRODUCTION
(73) Neurovive Pharmaceutical AB
(72) MOSS, Steven James
GREGORY, Matthew Alan
WILKINSON, Barrie
KENDREW, Steven Gary
MARTIN, Christine Janet
(31) 201021522
201113626
(32) 20.12.2010
08.08.2011
(33) United Kingdom
United Kingdom

(51) A61K 31/513
C07D 471/04
A61P 21/00
A61P 7/00
A61P 35/00
A61P 43/00
(11) EP2931282
(21) EP13826612.7
(47) 31.10.2018
(87) IB2013060859
19.06.2014
(22) 12.12.2013
(54) PYRIMIDO [4,5-B]QUINOLINE-4,5 (3H,10H)-DIONES AS NONSENSE MUTATION SUPPRESSORS
(73) Novartis AG
(72) JACOBY, Edgar
REINHARDT, Juergen
SCHMIEDEBERG, Niko
SPANKA, Carsten
(31) 201261736748 P
(32) 13.12.2012
(33) United States of America

(51) A61K 31/519
C07D 513/04
A61P 7/02
(11) EP2804610
(21) EP13738252.9
(47) 31.10.2018
(87) US2013021749
25.07.2013
(22) 16.01.2013
(54) ORGANIC COMPOUNDS
(73) The Rockefeller University
The United States Of America, As Represented By The Secretary, Department Of Health And Human Services
Icahn School of Medicine at Mount Sinai
(72) COLLER, Barry, S.
THOMAS, Craig
FILIZOLA, Marta
MCCOY, Joshua
HUANG, Wenwei
SHEN, Min
JIANG, Jian-Kang
(31) 201261587030 P
(32) 16.01.2012
(33) United States of America

(51) A61K 31/56
A61K 31/606
A61P 17/02
A61K 45/06
A61K 31/575
(11) EP2934543
(21) EP13863996.8
(47) 31.10.2018
(87) US2013077118
26.06.2014
(22) 20.12.2013
(54) STIMULATION AND ENHANCEMENT OF REGENERATION OF TISSUES
(73) Mount Desert Island Biological Laboratory
(72) ZASLOFF, Michael, Alan
YIN, Viravuth, Pho
Strange, Kevin B.
(31) 201261740291 P
(32) 20.12.2012
(33) United States of America

(51) A61K 31/565
A61K 9/19
A61J 1/20
A61K 47/44
A61P 35/00
(11) EP2711010
(21) EP12789794.0
(47) 31.10.2018
(87) ES2012070267
29.11.2012
(22) 23.04.2012
(54) PHARMACEUTICAL COMPOSITION
(73) Capital, Business Y Gestión De Finanzas, S.L
(72) CASTILLO, José
ITURRASPE, José Bernardo
NUÑEZ, José Lucio
(31) P110101751
P110103435
(32) 20.05.2011
20.09.2011
(33) Argentina
Argentina

(51) A61K 31/66
A61K 45/06
A61K 9/00
C07F 9/6568
A61K 31/675
C07F 9/6584
(11) EP3271368
(21) EP17706525.7
(47) 31.10.2018
(87) FR2017050075
20.07.2017
(22) 13.01.2017

(54) NOVEL PHOSPHINANE AND AZAPHOSPHINANE DERIVATIVES, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME
(73) Les Laboratoires Servier
(72) GLOANEC, Philippe
SCHAFFNER, Arnaud-Pierre
SANSILVESTRI-MOREL, Patricia
RUPIN, Alain
MENNECIER, Philippe
VALLEZ, Marie-Odile
(31) 1670004
(32) 14.01.2016
(33) France

(51) A61K 31/70
A61K 31/7012
A61K 31/7008
A61P 11/00
(11) EP2448590
(21) EP10793441.6
(47) 31.10.2018
(87) AU2010000846
06.01.2011
(22) 02.07.2010
(54) MEDICINAL CARBOHYDRATES FOR TREATMENT OF RESPIRATORY CONDITIONS
(73) Australian Biomedical Company Pty Ltd
(72) JIN, Betty
JONES, Paul, Arthur
SEAH, Ee, Ling
WU, Wen, Yang
JENKINS, Peter, James
(31) 2009903123
(32) 03.07.2009
(33) Australia

(51) A61K 31/702
A61K 31/715
A61P 31/14
(11) EP2769726
(21) EP13156224.1
(47) 31.10.2018
(22) 21.02.2013
(54) Synthetic or recombinant fucosylated Oligosaccarides for use in the treatment of infections
(73) Jennewein Biotechnologie GmbH
(72) Jennewein, Stefan

(51) A61K 31/7036
A61K 31/00
A61P 31/00
(11) EP2704726
(21) EP12722984.7
(47) 31.10.2018
(87) US2012036492
08.11.2012
(22) 04.05.2012
(54) PROTON-MOTIVE FORCE STIMULATION TO POTENTIATE AMINOGLYCOSIDE ANTIBIOTICS AGAINST PERSISTENT BACTERIA
(73) Trustees of Boston University
(72) COLLINS, James, J.
ALLISON, Kyle, R.
BRYNILDSEN, Mark, P.
(31) 201161482417 P
(32) 04.05.2011
(33) United States of America

(51) A61K 31/7105
A61K 39/395
A61K 9/127
A61K 9/48
A61K 9/16
A61P 25/00
C07K 16/18
(11) EP2544694
(21) EP11751270.7
(47) 31.10.2018
(87) US2011026841
09.09.2011
(22) 02.03.2011
(54) A METHOD FOR INHIBITING ALTERNATIVE PATHWAY MEDIATED DISORDERS WITH ANTI-PROPERDIN ANTIBODIES THAT INHIBIT C5 INTERACTIONS WITH PROPERDIN
(73) Novelmed Therapeutics, Inc.
(72) BANSAL, Rekha
(31) 309705 P
(32) 02.03.2010
(33) United States of America

(51) A61K 31/715
C07H 3/00
A61K 31/70
A61P 1/16
A61P 11/00
A61P 35/00
A61P 37/00
(11) EP2797942
(21) EP12863426.8
(47) 31.10.2018
(87) US2012055311
04.07.2013
(22) 14.09.2012
(54) COMPOSITION OF NOVEL CARBOHYDRATE DRUG FOR TREATMENT OF HUMAN DISEASES
(73) Galectin Therapeutics Inc.
(72) ZOMER, Eliezer
TRABER, Peter G.
KLYOSOV, Anatole A.
CHEKHOVA, Elena
(31) 201161580830 P
(32) 28.12.2011
(33) United States of America

(51) A61K 35/14
A61K 35/16
A61K 38/48
(11) EP3184114
(21) EP17156305.9
(47) 31.10.2018
(22) 11.03.2011
(54) PROCESS,TUBE AND DEVICE FOR THE PREPARATION OF WOUND HEALANT COMPOSITION
(73) Regen Lab SA
(72) TURZI, Antoine
(31) 201004072
(32) 11.03.2010
(33) United Kingdom

(51) A61K 35/28
A61K 35/32
A61K 38/18
A61K 38/30
A61L 27/12
A61L 27/36
A61L 27/38
A61P 19/00
A61P 19/04
(11) EP2384199
(21) EP10726816.1
(47) 31.10.2018
(87) US2010000007
08.07.2010
(22) 04.01.2010
(54) ENHANCED MEDICAL IMPLANT
(73) Wasielewski, Ray C.
(72) Wasielewski, Ray C.
(31) 348280
(32) 03.01.2009
(33) United States of America

(51) A61K 35/48
A61P 11/00
(11) EP2854825
(21) EP13727699.4
(47) 31.10.2018
(87) US2013041002
21.11.2013
(22) 14.05.2013
(54) hUTC MODULATION OF PRO-INFLAMMATORY MEDIATORS OF LUNG AND PULMONARY DISEASES AND DISORDERS
(73) DePuy Synthes Products, Inc.
(72) KIHM, Anthony J.
(31) 201213471095
(32) 14.05.2012
(33) United States of America

(51) A61K 36/8905
(11) EP2242500
(21) EP09706796.1
(47) 31.10.2018
(87) FR2009050128
06.08.2009
(22) 28.01.2009
(54) USE OF AN ACTIVE AGENT DERIVED FROM CYPERUS ESCULENTUS FOR THE CUTANEOUS ANTI-AGEING ACTION THEREOF
(73) Société Industrielle Limousine d'Application Biologique Dite SILAB
(72) PAUFIQUE, Jean
(31) 0850502
(32) 28.01.2008
(33) France

(51) A61K 38/12
(11) EP2999483
(21) EP14800563.0
(47) 31.10.2018
(87) US2014039332
27.11.2014
(22) 23.05.2014
(54) CHEMICAL SYNTHESIS AND SCREENING OF BICYCLIC PEPTIDE LIBRARIES
(73) Ohio State Innovation Foundation
(72) PEI, Dehua
UPADHYAYA, Punit
LIAN, Wenlong
TRINH, Thi.
(31) 201361826805 P
(32) 23.05.2013
(33) United States of America

(51) A61K 38/14
A61P 31/04
(11) EP1565201
(21) EP03789744.4
(47) 31.10.2018
(87) US2003036127
03.06.2004
(22) 14.11.2003
(54) METHODS OF ADMINISTERING DALBAVANCIN FOR TREATMENT OF BACTERIAL INFECTIONS
(73) Vicuron Pharmaceuticals, Inc.
(72) CAVALERI, Marco
HENKEL, Timothy
JABES, Daniela
MALABARBA, Adriano
MOSCONI, Giorgio
STOGNIEW, Martin
WHITE, Richard, J.
(31) 427654 P
485694 P
495048 P
496483 P
(32) 18.11.2002
08.07.2003
13.08.2003
19.08.2003
(33) United States of America
United States of America
United States of America
United States of America

(51) A61K 38/16
C12Q 1/68
G01N 33/569
G01N 33/50
(11) EP3098602
(21) EP16170158.6
(47) 31.10.2018
(22) 18.05.2016
(54) DISTINCTION OF INFECTIOUS VIRUS BASED ON MOLECULAR BIOMARKER AND NEUTRALIZATION OF VIRUS CAUSING FOOD POISONING
(73) Industry Foundation of Chonnam National University
Korea Basic Science Institute
(72) KIM, Du Woon
KWON, Joseph
(31) 20150065567
(32) 11.05.2015
(33) Korea (Republic)

(51) A61K 38/17
A61K 9/00
A61K 47/10
A61K 47/26
A61K 47/34
A61K 47/36
A61P 27/02
(11) EP2740485
(21) EP12196007.4
(47) 31.10.2018
(22) 07.12.2012
(54) PROTEIN SLURP-1 FOR USE IN THE TREATMENT OF OCULAR DISEASES
(73) Brightpulse Holding LTD.
(72) Deloche, Catherine
Abadie, Claire
Combette, Jean-Marc
Mouz, Sebastien
Perino, Julien

(51) A61K 38/18
A61K 38/17
A61K 39/395
A61P 19/00
A61P 11/00
A61P 25/00
A61P 29/00
A61P 35/00
A61P 9/00
(11) EP1896053
(21) EP05764281.1
(47) 31.10.2018
(87) US2005023866
09.02.2006
(22) 06.07.2005
(54) PHARMACEUTICAL COMPOSITION COMPRISING FGF18 AND IL-1 ANTAGONIST AND METHOD OF USE
(73) ZymoGenetics, Inc.
(72) MOORE, Emma, E.
ELLSWORTH, Jeff, L.
(31) 585655 P
(32) 06.07.2004
(33) United States of America

(51) A61K 38/43
A61K 38/48
A61P 35/00
(11) EP3071218
(21) EP14814733.3
(47) 31.10.2018
(87) CZ2014000133
21.05.2015
(22) 12.11.2014
(54) PHARMACEUTICAL COMPOSITION CONTAINING A MIXTURE OF PROENZYMES AND ENZYMES
(73) Trnka, Frantisek
Dolezal, Pavel
(72) Trnka, Frantisek
Dolezal, Pavel
(31) 20130891
(32) 18.11.2013
(33) Czech Republic

(51) A61K 38/46
A61K 38/47
A61K 38/48
A23L 29/00
A23L 33/20
A61K 47/06
C12N 9/20
(11) EP2996712
(21) EP14717867.7
(47) 31.10.2018
(87) IB2014059722
18.09.2014
(22) 13.03.2014
(54) PROCESS FOR THE PREPARATION OF A COMPOSITION CONTAINING DIGESTIVE ENZYMES AND NUTRIENTS SUITABLE FOR ENTERAL ADMINISTRATION
(73) Allergan Pharmaceuticals International Limited
(72) PIRONTI, Vincenza
RONDA, Emanuela
BOLTRI, Luigi
(31) 201361798027 P
(32) 15.03.2013
(33) United States of America

(51) A61K 39/00
A61K 9/72
A61K 9/00
A61K 9/51
(11) EP2142209
(21) EP08746208.1
(47) 31.10.2018
(87) US2008060742
30.10.2008
(22) 18.04.2008
(54) AEROSOL DISPERSIONS OF PARTICLES WITH ACTIVE PHARMACEUTICAL INGREDIENTS
(73) Particle Sciences, Inc.
(72) LOXLEY, Andrew
DIZDAREVIC, Ismar
MITCHNICK, Mark
(31) 912523 P
(32) 18.04.2007
(33) United States of America

(51) A61K 39/00
A61K 31/70
C07H 15/04
C07K 16/00
(11) EP3331556
(21) EP16809888.7
(47) 31.10.2018
(87) EP2016081586
22.06.2017
(22) 16.12.2016
(54) SYNTHETIC VACCINES AGAINST STREPTOCOCCUS PNEUMONIAE SEROTYPE 2
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften
(72) SEEBERGER, Peter H.
PEREIRA, Claney Lebev
ANISH, Chakkumkal
KHAN, Naeem
EMMADI, Madhu
(31) 15200729
16167505
(32) 17.12.2015
28.04.2016
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 39/00
A61P 35/00
A61K 38/08
A61K 38/16
C07K 14/47
(11) EP3111952
(21) EP16179241.1
(47) 31.10.2018
(22) 28.09.2009
(54) NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING NEURONAL AND BRAIN TUMORS
(73) Immatics Biotechnologies GmbH
(72) SCHOOR, Oliver
HILF, Norbert
WEINSCHENK, Toni
TRAUTWEIN, Claudia
WALTER, Steffen
SINGH, Harpreet

(31) 08017305
08017921
105928 P
(32) 01.10.2008
13.10.2008
16.10.2008
(33) European Patent Office (EPO)
European Patent Office (EPO)
United States of America

(51) A61K 39/00
C12P 21/08
C07K 16/00
A61P 35/00
(11) EP2758073
(21) EP12833767.2
(47) 31.10.2018
(87) US2012056886
28.03.2013
(22) 24.09.2012
(54) VEGF/DLL4 BINDING AGENTS AND USES THEREOF
(73) OncoMed Pharmaceuticals, Inc.
(72) GURNEY, Austin L.
SATO, Aaron Ken
BOND, Christopher John
(31) 201161538454 P
201261597409 P
201261692978 P
(32) 23.09.2011
10.02.2012
24.08.2012
(33) United States of America
United States of America
United States of America

(51) A61K 39/08
C07K 14/33
(11) EP2788022
(21) EP12826538.6
(47) 31.10.2018
(87) IB2012002955
13.06.2013
(22) 07.12.2012
(54) CLOSTRIDIUM DIFFICILE TOXIN-BASED VACCINE
(73) GlaxoSmithKline Biologicals SA
(72) SCARSELLI, Maria
PIZZA, Mariagrazia
LEUZZI, Rosanna
ARICO, Maria
MARTINELLI, Manuele
DOUCE, Gillian
(31) 201121149
201217321
(32) 08.12.2011
27.09.2012
(33) United Kingdom
United Kingdom

(51) A61K 39/21
C07K 14/16
C12N 15/62
C12N 15/867
A61K 39/00
A61K 48/00
C07K 14/08
(11) EP2185192
(21) EP08827144.0
(47) 31.10.2018
(87) IB2008002930
12.02.2009
(22) 01.08.2008
(54) LENTIVIRAL GENE TRANSFER VECTORS AND THEIR MEDICINAL APPLICATIONS
(73) Institut Pasteur
Centre National de la Recherche Scientifique (CNRS)
Theravectys
(72) CHARNEAU, PIERRE
BEIGNON, Anne-Sophie
COUTANT, Fréderic, Philippe
COURBEYRETTE, Karine
(31) 07290979
07290980
07291251
08156405
(32) 03.08.2007
03.08.2007
12.10.2007
16.05.2008
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 39/245
C12N 7/04
(11) EP2827897
(21) EP13719247.2
(47) 31.10.2018
(87) US2013032491
26.09.2013
(22) 15.03.2013
(54) RECOMBINANT EQUINE HERPESVIRUS-1 VACCINE CONTAINING MUTATED GLYCOPROTEIN C AND USES THEREOF
(73) Merial, Inc.
(72) AUDONNET, Jean-Christophe
MINKE, Jules, Maarten
OSTERRIEDER, Nikolaus
MA, Guanggang
(31) 201261613151 P
(32) 20.03.2012
(33) United States of America

(51) A61K 39/395
A61K 9/00
A61K 47/02
A61K 47/14
A61K 47/26
(11) EP2805731
(21) EP14171120.0
(47) 31.10.2018
(22) 03.09.2010
(54) Stable formulations of polypeptides and uses thereof
(73) Ablynx N.V.
(72) Brigé, Ann
Labeur, Christine
De Brabandere, Veronique
(31) 275816 P
284502 P
(32) 03.09.2009
18.12.2009
(33) United States of America
United States of America

(51) A61K 39/395
A61K 39/44
C07K 16/22
C07K 16/28
A61K 38/18
A61P 37/06
(11) EP2878308
(21) EP14004060.1
(47) 31.10.2018
(22) 02.12.2014
(54) Agents and methods for the suppression of T cell activation
(73) Harder, Thomas
(72) Harder, Thomas
Reinhold, Dirk
Guttek, Karina
Schraven, Burkhart
(31) 13005586
(32) 02.12.2013
(33) European Patent Office (EPO)

(51) A61K 39/395
G01N 33/53
C07K 16/28
(11) EP2295081
(21) EP10185344.8
(47) 31.10.2018
(22) 25.06.2002
(54) Antibodies to OPGL
(73) Amgen Inc.
Amgen Fremont Inc.
(72) Boyle, William
Martin, Francis
Corvalan, Jose
Davis, Geoffrey
(31) 301172 P
(32) 26.06.2001
(33) United States of America

(51) A61K 41/00
A61P 35/00
B82Y 5/00
A61K 33/24
(11) EP3150227
(21) EP16187263.5
(47) 31.10.2018
(22) 04.06.2009
(54) INORGANIC NANOPARTICLES OF HIGH DENSITY TO DESTROY CELLS IN-VIVO
(73) Nanobiotix
(72) LEVY, Laurent
POTTIER, Agnès
ROUET, Annabelle
MARILL, Julie
DEVAUX, Corinne
GERMAIN, Matthieu
(31) 08157686
60202 P
(32) 05.06.2008
10.06.2008
(33) European Patent Office (EPO)
United States of America

(51) A61K 45/06
A61P 17/00
A61K 31/498
A61K 31/4174
A61K 31/137
(11) EP2818184
(21) EP14170999.8
(47) 31.10.2018
(22) 17.11.2008

(54) Compositions and methods for treating Purpura
(73) ALLERGAN, INC.
(72) Shanler, Stuart D.
Ondo, Andrew
(31) 988564 P
(32) 16.11.2007
(33) United States of America

(51) A61K 47/02
A61K 8/38
A61Q 19/00
A61Q 19/08
A61K 9/00
A61K 9/12
A61K 8/04
A61K 31/327
A61K 47/12
(11) EP3122325
(21) EP15713463.6
(47) 31.10.2018
(87) EP2015056785
01.10.2015
(22) 27.03.2015
(54) UNRINSED CHEMICAL FOAMCONTAINING BENZOYL PEROXIDE
(73) Galderma Research & Development
(72) BUGE, Jean-Christophe
NADAU-FOURCADE, Karine
(31) 201461971663 P
(32) 28.03.2014
(33) United States of America

(51) A61K 47/26
A61K 38/48
A61K 9/08
C12N 9/64
(11) EP2714087
(21) EP12748588.6
(47) 31.10.2018
(87) US2012040790
06.12.2012
(22) 04.06.2012
(54) FORMULATIONS OF RECOMBINANT FURIN
(73) Baxalta Incorporated
Baxalta GmbH
(72) HASSLACHER, Meinhard
CITKOWICZ, Andrzej
WHITE, Catherine
FRANKE, Ken
(31) 201161492712 P
(32) 02.06.2011
(33) United States of America

(51) A61K 47/42
A61K 9/10
A61K 9/127
A61K 49/00
A61K 51/00
(11) EP2522366
(21) EP11731843.6
(47) 31.10.2018
(87) JP2011050178
14.07.2011
(22) 07.01.2011
(54) TARGETING AGENT FOR TUMOR SITE
(73) FUJIFILM Corporation
(72) OGIWARA Kazutaka
OHNO Makoto
KOJIMA Masayoshi
KAWAKAMI Masayuki
KAKINUMA Chihaya
SASAKI Tasuku
TAKADA Kiyohito
(31) 2010002696
(32) 08.01.2010
(33) Japan

(51) A61K 47/44
A61K 31/047
A61K 31/12
A61K 31/122
A61K 35/56
A61K 36/02
A61K 36/282
A61K 36/9066
A61K 47/14
A61K 47/16
A61K 47/18
A61K 47/22
A61K 47/24
A61P 35/00
A61P 29/00
A61K 45/06
A61K 31/232
A61K 36/36
A61K 36/48
A61K 36/52
A61K 36/55
(11) EP2136844
(21) EP08733634.3
(47) 31.10.2018
(87) CA2008000530
25.09.2008
(22) 19.03.2008
(54) COMPOSITIONS COMPRISING POLYUNSATURATED FATTY ACID MONOGLYCERIDES OR DERIVATIVES THEREOF AND USES THEREOF
(73) SCF Pharma Inc.
(72) FORTIN, Samuel
(31) 895795 P
(32) 20.03.2007
(33) United States of America

(51) A61K 47/65
A61K 47/64
C08G 65/329
A61K 9/20
A61K 9/16
(11) EP1257257
(21) EP01910817.4
(47) 31.10.2018
(87) US2001005020
23.08.2001
(22) 16.02.2001
(54) METHOD FOR PRODUCING DELIVERY SYSTEMS USING PREFORMED BIODEGRADABLE POLYMER COMPOSITIONS
(73) Neomend, Inc.
(72) TRUONG, Myhanh, T.
POURNOOR, Kaveh
CHOI, Hye-ok
VELASQUEZ, David, J.
FERBER, Richard, H.
BERNATCHEZ, Stephanie F.
(31) 183556 P
(32) 17.02.2000
(33) United States of America

(51) A61K 48/00
(11) EP2858680
(21) EP13800710.9
(47) 31.10.2018
(87) US2013030650
12.12.2013
(22) 13.03.2013
(54) CONTROLLED GENE EXPRESSION METHODS
(73) The Children's Hospital of Philadelphia
(72) BLOBEL, Gerd
DENG, Wulan
(31) 201261656961 P
(32) 07.06.2012
(33) United States of America

(51) A61K 48/00
A61K 31/7105
A61K 31/7088
A61K 31/415
A61K 31/4166
(11) EP2750715
(21) EP12826896.8
(47) 31.10.2018
(87) US2012053157
07.03.2013
(22) 30.08.2012
(54) IDENTIFICATION OF SMALL MOLECULES THAT ENHANCE THERAPEUTIC EXON SKIPPING
(73) The Regents of the University of California
(72) NELSON, Stanley F.
MICELI, Carolyn
MORAN, Miriana
(31) 201161529041 P
(32) 30.08.2011
(33) United States of America

(51) A61K 49/18
A61K 49/10
A61K 33/14
A61K 51/04
A61K 49/08
(11) EP2398503
(21) EP10741884.0
(47) 31.10.2018
(87) US2010024324
19.08.2010
(22) 16.02.2010
(54) GADOLINIUM EXPRESSED LIPID NANOPARTICLES FOR MAGNETIC RESONANCE IMAGING
(73) University of Washington
(72) HO, Rodney, J.Y.
HOEKMAN, John, D.
MARAVILLA, Ken
(31) 152459 P
162989 P
(32) 13.02.2009
24.03.2009
(33) United States of America
United States of America

(51) A61K 51/04
(11) EP2271373
(21) EP09718944.3
(47) 31.10.2018
(87) US2009036692
17.09.2009
(22) 10.03.2009

(54) 99MTC-LABELED 19 AMINO ACID CONTAINING PEPTIDE FOR USE AS PHOSPHATIDYLETHANOLAMINE BINDING MOLECULAR PROBE AND RADIOPHARMACEUTICAL
(73) THE MEDICAL COLLEGE OF WISCONSIN, INC.
(72) ZHAO, Ming
(31) 68764
(32) 10.03.2008
(33) United States of America

(51) A61L 2/07
A61L 2/26
F22D 1/00
(11) EP3090761
(21) EP16168549.0
(47) 31.10.2018
(22) 06.05.2016
(54) APPARATUS TO MANAGE THE ENERGY OF HOT STREAMS FROM A STERILIZATION MACHINE, STERILIZATION MACHINE COMPRISING SAID APPARATUS AND CORRESPONDING METHOD TO MANAGE THE ENERGY OF HOT STREAMS AND STERILIZATION METHOD
(73) Icos Pharma S.p.A.
(72) Zardini, Fabio
Capovilla, Ivone
(31) UD20150064
(32) 08.05.2015
(33) Italy

(51) A61L 2/22
(11) EP2670444
(21) EP12709959.6
(47) 31.10.2018
(87) IB2012000179
09.08.2012
(22) 02.02.2012
(54) "ANTINFECTION" PROTECTING HEALTHCARE WORKERS TO PREVENT SPREADING OF COMMUNICABLE AND NOSOCOMIAL INFECTIONS
(73) Voegeli, Fridolin
Ghanem, Ghanem, E.
(72) Voegeli, Fridolin
Ghanem, Ghanem, E.
(31) 201161439395 P
201161524904 P
(32) 04.02.2011
18.08.2011
(33) United States of America
United States of America

(51) A61L 15/58
A61L 24/04
(11) EP3049120
(21) EP13782747.3
(47) 31.10.2018
(87) FR2013052234
02.04.2015
(22) 24.09.2013
(54) METHOD FOR PRODUCING AN ADHESIVE MATERIAL FOR MEDICAL APPLICATION
(73) Zodiac Coating
(72) GUILLERMIN, Mélanie
GUILLO, Jean-Roger
LECOEUVRE, Jean-François

(51) A61L 24/10
(11) EP3086818
(21) EP14831093.1
(47) 31.10.2018
(87) IL2014000063
02.07.2015
(22) 04.12.2014
(54) ONE COMPONENT FIBRIN GLUE COMPRISING A POLYMERIZATION INHIBITOR
(73) Omrix Biopharmaceuticals Ltd.
Ethicon, Inc.
(72) PILPEL, Yair
DEANGLIS, Ashley
ZHERDEV, Yuri
DORON, Sivan
NUR, Israel
(31) 23015113
201361920646 P
(32) 24.12.2013
24.12.2013
(33) Israel
United States of America

(51) A61L 26/00
(11) EP2854882
(21) EP13725889.3
(47) 31.10.2018
(87) US2013042149
28.11.2013
(22) 22.05.2013
(54) OXIDIZED REGENERATED CELLULOSE HEMOSTATIC POWDERS AND METHODS OF MAKING
(73) Ethicon, Inc
(72) WANG, Yi-Lan
ZHANG, Guanghui
(31) 201213480842
(32) 25.05.2012
(33) United States of America

(51) A61L 27/12
A61L 27/36
A61L 27/54
A61K 38/18
A61L 24/00
A61L 24/02
A61L 24/10
C07K 14/51
(11) EP2968660
(21) EP14715368.8
(47) 31.10.2018
(87) FR2014050601
18.09.2014
(22) 14.03.2014
(54) BONE SUBSTITUTES GRAFTED BY MIMETIC PEPTIDES OF HUMAN BMP-2 PROTEIN
(73) Teknimed
(72) DURRIEU, Marie-Christine
ZOUANI, Omar
(31) 1352302
(32) 14.03.2013
(33) France

(51) A61L 27/16
A61L 27/50
A61L 27/52
A61F 2/16
C08L 33/12
(11) EP3116558
(21) EP15761807.5
(47) 31.10.2018
(87) US2015018406
17.09.2015
(22) 03.03.2015
(54) LIGHT-TRIGGERED SHAPE-CHANGEABLE HYDROGELS AND THEIR USE IN OPTICAL DEVICES
(73) California Institute of Technology
(72) GRUBBS, Robert H.
(31) 201461952280 P
(32) 13.03.2014
(33) United States of America

(51) A61L 27/18
A61L 27/50
(11) EP3129073
(21) EP15708223.1
(47) 31.10.2018
(87) EP2015054785
15.10.2015
(22) 06.03.2015
(54) BIODEGRADABLE POLYESTERAMIDE USED FOR THE TREATMENT OF ARTHRITIC DISORDERS
(73) DSM IP Assets B.V.
(72) THIES, Jens Christoph
SCHUMANN, Detlef Olaf Alexander
MIHOV, George
BERARD, Julien François
(31) 14163862
(32) 08.04.2014
(33) European Patent Office (EPO)

(51) A61L 27/30
A61L 27/38
A61F 2/28
(11) EP2812040
(21) EP13746674.4
(47) 31.10.2018
(87) US2013025090
15.08.2013
(22) 07.02.2013
(54) PRODUCTS OF MANUFACTURE HAVING TANTALUM COATED NANOSTRUCTURES, AND METHODS OF MAKING AND USING THEM
(73) The Regents of the University of California
(72) FRANDSEN, Christine
JIN, Sungho
(31) 201261596143 P
(32) 07.02.2012
(33) United States of America

(51) A61L 27/30
A61N 1/18
(11) EP3191147
(21) EP15762613.6
(47) 31.10.2018
(87) EP2015070754
17.03.2016
(22) 10.09.2015
(54) IMPLANTABLE DEVICE WITH SELECTIVE CELL ADHESION AND METHOD OF PRODUCTION
(73) Luxembourg Institute of Science and Technology (LIST)
Luxembourg Institute of Health
(72) LENOBLE, Damien
THOMANN, Jean-Sébastien

PALISSOT, Valérie
(31) 92539
(32) 10.09.2014
(33) Luxembourg

(51) A61L 27/36
A61F 2/04
(11) EP2949349
(21) EP13872797.9
(47) 31.10.2018
(87) CN2013076239
31.07.2014
(22) 27.05.2013
(54) CELL MATRIX MODIFIED TISSUE ENGINEERING NERVE GRAFT FOR REPAIRING PERIPHERAL NERVE INJURY AND PREPARATION METHOD THEREOF
(73) Nantong University
(72) GU, Xiaosong
DING, Fei
GU, Yun
XUE, Chengbin
YANG, Yumin
WANG, Yongjun
GONG, Leilei
(31) 201310028903
(32) 25.01.2013
(33) China

(51) A61L 29/08
A61L 29/14
(11) EP2760492
(21) EP11764710.7
(47) 31.10.2018
(87) EP2011066788
04.04.2013
(22) 27.09.2011
(54) BALLOON CATHETER WITH POLYMERIC BALLOON HAVING A SURFACE MODIFIED BY A PHOTOACTIVATION REACTION AND METHOD FOR MAKING
(73) Invatec S.p.A.
(72) D'ONOFRIO, Simone
PELLEGRINI, Paolo

(51) A61L 29/08
A61L 29/16
(11) EP2248541
(21) EP10156621.4
(47) 31.10.2018
(22) 16.03.2010
(54) MEDICATION-COATED BALLOON CATHETER AND METHOD FOR MANUFACTURING THE SAME
(73) BIOTRONIK AG
(72) Tittelbach, Michael
Moehl, Raimund
Schwitzer, Alwin
Wesselmann, Matthias
Quint, Bodo
Bachmann, Patrice
(31) 102009002893
(32) 07.05.2009
(33) Germany

(51) A61L 31/02
C10M 125/04
(11) EP2630978
(21) EP12196260.9
(47) 31.10.2018
(22) 10.12.2012
(54) IMPLANT AND METHOD FOR PRODUCTION THEREOF
(73) Biotronik AG
(72) BAYER, Ullrich
BLOCK, Bernd
BECHER, Bärbel
LOOTZ, Daniel
(31) 201261601564 P
(32) 22.02.2012
(33) United States of America

(51) A61L 31/12
A61B 17/04
B29C 47/00
(11) EP3019209
(21) EP14744726.2
(47) 31.10.2018
(87) US2014046209
15.01.2015
(22) 10.07.2014
(54) SOFT SUTURE ANCHORS
(73) Tepha, Inc.
(72) RIZK, Said
MARTIN, David P.
BERNASCONI, Matthew
WILLIAMS, Simon F.
(31) 201361844479 P
201461986695 P
(32) 10.07.2013
30.04.2014
(33) United States of America
United States of America

(51) A61L 31/16
(11) EP3272372
(21) EP17182114.3
(47) 31.10.2018
(22) 19.07.2017
(54) OPTICAL TECHNIQUE FOR COATING CHARACTERIZATION
(73) Cook Medical Technologies LLC
(72) NEILAN, John
TOFAIL, Syed A.M.
MOURAS, Rabah
SILIEN, Christophe
MANI, Aladin
MURRAY, David
(31) 201662364380 P
(32) 20.07.2016
(33) United States of America

(51) A61M 1/10
A61M 1/12
(11) EP3010562
(21) EP14742141.6
(47) 31.10.2018
(87) DE2014100197
24.12.2014
(22) 13.06.2014
(54) CARDIAC SUPPORT SYSTEM
(73) Universität zu Lübeck
(72) SIEVERS, Hans-Hinrich
(31) 102013106352
(32) 18.06.2013
(33) Germany

(51) A61M 1/10
A61M 1/12
(11) EP3117845
(21) EP16186781.7
(47) 31.10.2018
(22) 23.09.2011
(54) GENERATING ARTIFICIAL PULSE
(73) TC1 LLC
(72) BOURQUE, Kevin
(31) 386018 P
(32) 24.09.2010
(33) United States of America

(51) A61M 1/10
F04B 43/12
(11) EP2600917
(21) EP11740575.3
(47) 31.10.2018
(87) EP2011003850
09.02.2012
(22) 01.08.2011
(54) DEVICE WITH A PERISTALTIC HOSE PUMP
(73) Fresenius Medical Care Deutschland GmbH
(72) GRONAU, Sören
MÜLLER, Ralf
(31) 102010033241
(32) 03.08.2010
(33) Germany

(51) A61M 1/12
A61M 1/10
(11) EP3030280
(21) EP14842305.6
(47) 31.10.2018
(87) US2014053943
12.03.2015
(22) 03.09.2014
(54) SKIN INTERFACE DEVICE FOR CARDIAC ASSIST DEVICE
(73) NuPulseCV, Inc.
(72) JEEVANANDAM, Valluvan
SNYDER, Roger W.
SMITH, Robert
DEDECKER, Paul
(31) 201314017109
(32) 03.09.2013
(33) United States of America

(51) A61M 1/16
(11) EP2788042
(21) EP12799501.7
(47) 31.10.2018
(87) US2012067971
13.06.2013
(22) 05.12.2012
(54) DEVICE FOR REDUCING THE BLOOD PRIMING VOLUME AND MEMBRANE SURFACE AREA IN MICROFLUIDIC LUNG ASSIST DEVICES
(73) The Charles Stark Draper Laboratory, Inc.
(72) BORENSTEIN, Jeffrey T.
CHAREST, Joseph L.
HSIAO, James C.
KNIAZEVA, Tatiana
KIM, Ernest
EPSHTEYN, Alla
KOLACHALAMA, Vijaya
(31) 201161567104 P
(32) 05.12.2011
(33) United States of America

(51) A61M 1/16
B01J 20/00
B01J 20/04
B01J 20/06
B01J 20/08

B01J 20/20
B01J 20/02
B01J 20/28
A61M 1/28
B01J 39/12
(11) EP3086824
(21) EP15713284.6
(47) 31.10.2018
(87) US2015020311
24.09.2015
(22) 13.03.2015
(54) CARTRIDGES USEFUL IN CLEANING DIALYSIS SOLUTIONS
(73) Fresenius Medical Care Holdings, Inc.
(72) MERCHANT, Stephen A.
ADAMS, Kerissa
(31) 201461954161 P
(32) 17.03.2014
(33) United States of America

(51) A61M 1/16
B65B 55/02
A61L 2/08
B01D 67/00
B65B 55/19
(11) EP2962712
(21) EP15175935.4
(47) 31.10.2018
(22) 20.12.2005
(54) HEMOPURIFIER PACKAGE AND PROCESS FOR PRODUCING THE SAME
(73) NIPRO CORPORATION
(72) Mabuchi, Kimihiro
Monden, Noriko
Kato, Noriaki
Hatakeyama, Yuuki
Sunohara, Takashi
Masuda, Toshiaki
(31) 2004371542
(32) 22.12.2004
(33) Japan

(51) A61M 1/30
F16K 11/074
A61M 1/36
A61M 39/22
(11) EP2900312
(21) EP13773515.5
(47) 31.10.2018
(87) US2013061285
15.05.2014
(22) 24.09.2013
(54) BLOOD FLOW REVERSAL VALVES DURING DIALYSIS
(73) Fresenius Medical Care Holdings, Inc.
Fresenius Medical Care Deutschland GmbH
(72) SCHLAEPER, Christian
PETER, Harald
CRNKOVICH, Martin Joseph
(31) 201261705411 P
(32) 25.09.2012
(33) United States of America

(51) A61M 3/02
A61M 13/00
(11) EP2695626
(21) EP13180074.0
(47) 31.10.2018
(22) 12.08.2013
(54) Device for discharging a reactive liquid
(73) Nordson Corporation
(72) Kirk, Thomas A.
Robb, Bradley D.
Sharratt, Todd W.
(31) 201261681760 P
201313798201
(32) 10.08.2012
13.03.2013
(33) United States of America
United States of America

(51) A61M 5/00
(11) EP1793879
(21) EP05784402.9
(47) 31.10.2018
(87) US2005028162
15.02.2007
(22) 08.08.2005
(54) MEDICAL SKIN APPLICATOR APPARATUS
(73) KPR U.S., LLC
(72) CABLE, Frank
TAUER, Mark
FETTERROLL, Andrew
(31) 599927 P
614503 P
639182 P
(32) 09.08.2004
30.09.2004
22.12.2004
(33) United States of America
United States of America
United States of America

(51) A61M 5/00
A61B 1/12
(11) EP2160214
(21) EP08768019.5
(47) 31.10.2018
(87) US2008006923
18.12.2008
(22) 31.05.2008
(54) DEVICES FOR REMOVAL OF DEBRIS FROM THE OBJECTIVE LENS OF AN ENDOSCOPE
(73) Medeon Biodesign, Inc.
(72) HSU, Thomas
HSU, Senzan
(31) 933693 P
(32) 08.06.2007
(33) United States of America

(51) A61M 5/00
A61B 5/03
A61B 5/00
A61M 19/00
A61M 5/168
(11) EP2869869
(21) EP13813314.5
(47) 31.10.2018
(87) US2013045142
09.01.2014
(22) 11.06.2013
(54) DRUG INFUSION WITH PRESSURE SENSING AND NON-CONTINUOUS FLOW WITH IDENTIFICATION OF AND INJECTION INTO FLUID-FILLED ANATOMIC SPACES
(73) Milestone Scientific, Inc.
(72) HOCHMAN, Mark, N.
(31) 201213540880
(32) 03.07.2012
(33) United States of America

(51) A61M 5/00
A61M 25/00
A61M 39/22
A61M 27/00
A61M 5/142
(11) EP2968731
(21) EP14770962.0
(47) 31.10.2018
(87) US2014020082
25.09.2014
(22) 04.03.2014
(54) SHUNT FLUSHER
(73) Children's Medical Center Corporation
(72) MADSEN, Joseph
ANOR, Tomer
(31) 201361787922 P
(32) 15.03.2013
(33) United States of America

(51) A61M 5/14
A61M 5/148
A61M 5/152
(11) EP3248633
(21) EP17171375.3
(47) 31.10.2018
(22) 16.05.2017
(54) INFUSION DEVICE OF A MEDICAL SOLUTION
(73) ADRIA.MED. S.R.L.
(72) Di Florio, Francesco
Di Florio, Armando
(31) UA20163823
(32) 26.05.2016
(33) Italy

(51) A61M 5/14
A61M 5/162
A61M 39/10
A61M 39/02
(11) EP2455118
(21) EP11189609.8
(47) 31.10.2018
(22) 17.11.2011
(54) Device for mixing medical fluids and related assembling method
(73) Industrie Borla S.p.A.
(72) Guala, Gianni
(31) TO20100919
(32) 19.11.2010
(33) Italy

(51) A61M 5/14
A61M 5/168
G01F 23/22
(11) EP2574356
(21) EP12196798.8
(47) 31.10.2018
(22) 14.11.2008
(54) Micro-fluidic "dead-end channel"-structure for pressure measurement within a fluid channel on the basis of the change of the volume of a trapped gas bubble
(73) F. Hoffmann-La Roche AG
(72) Geipel, Andreas

(51) A61M 5/142
G01R 31/36
H02J 7/00
(11) EP3094360
(21) EP15737750.8

(47) 31.10.2018
(87) US2015011848
23.07.2015
(22) 16.01.2015
(54) INFUSION PUMP BATTERY CAPACITY MANAGEMENT AND BATTERY CHARGE ALERT SYSTEM AND METHOD
(73) ICU Medical, Inc.
(72) JACOBSON, James D.
SILEIKA, Tadas S.
DAY, William K.
(31) 201461928305 P
201462089691 P
(32) 16.01.2014
09.12.2014
(33) United States of America
United States of America

(51) A61M 5/145
(11) EP1912690
(21) EP06766110.8
(47) 31.10.2018
(87) IL2006000769
25.01.2007
(22) 03.07.2006
(54) DRUG DELIVERY DEVICE WITH ELECTRICALLY CONTROLLED VOLUME CHANGING MEANS
(73) Steadymed. Ltd.
(72) GENOSAR, Amir
GOLDSTEIN, Jonathan
(31) 16980705
(32) 21.07.2005
(33) Israel

(51) A61M 5/178
A61M 5/32
A61M 5/24
A61M 5/20
A61M 5/31
A61M 5/34
A61M 5/00
A61M 5/315
(11) EP2337599
(21) EP09815241.6
(47) 31.10.2018
(87) US2009057424
25.03.2010
(22) 18.09.2009
(54) CONTAINER FOR INJECTION DEVICE WITH INJECTION NEEDLE
(73) Becton, Dickinson and Company
(72) JETER, Ruane, S.
CRONENBERG, Richard, A.
VEDRINE, Lionel
PATEL, Atul
TALPADE, Dnyanesh
(31) 192465 P
(32) 18.09.2008
(33) United States of America

(51) A61M 5/20
A61M 5/31
A61M 5/48
A61M 5/30
(11) EP1605994
(21) EP04742276.1
(47) 31.10.2018
(87) FR2004000658
07.10.2004
(22) 18.03.2004
(54) NEEDLELESS INJECTION DEVICE COMPRISING A PYROTECHNIC CARTRIDGE AND METHOD OF ASSEMBLING ONE SUCH DEVICE
(73) Crossject
(72) ALEXANDRE, Patrick
BAUD, Georges
BROUQUIERES, Bernard
GAUTIER, Philippe
(31) 0303497
(32) 21.03.2003
(33) France

(51) A61M 5/24
(11) EP2814541
(21) EP13703076.3
(47) 31.10.2018
(87) EP2013052504
22.08.2013
(22) 08.02.2013
(54) A SUPPLEMENTARY DEVICE FOR A MANUALLY OPERABLE INJECTION DEVICE
(73) Sanofi-Aventis Deutschland GmbH
(72) BARAN, André
BEHRENDT, Kay
RITTENBACHER, Erich
(31) 12155196
201261605455 P
(32) 13.02.2012
01.03.2012
(33) European Patent Office (EPO)
United States of America

(51) A61M 5/24
A61M 5/20
A61M 5/32
(11) EP1753489
(21) EP05746471.1
(47) 31.10.2018
(87) GB2005002105
08.12.2005
(22) 27.05.2005
(54) RELEASABLE COUPLING AND INJECTION DEVICE
(73) Cilag GmbH International
(72) Harrison, Nigel
(31) 0412050
(32) 28.05.2004
(33) United Kingdom

(51) A61M 5/315
(11) EP2379138
(21) EP09782215.9
(47) 31.10.2018
(87) EP2009060998
01.07.2010
(22) 26.08.2009
(54) DOSING DEVICE FOR AN INJECTION DEVICE
(73) Tecpharma Licensing AG
(72) BURREN, Stefan
HIRSCHEL, Jürg
MARTINOIA, Samuel
MOSER, Ulrich
TSCHIRREN, Markus
(31) PCT/EP2008/011019
(32) 22.12.2008
(33) World Intellectual Property Office (WIPO)

(51) A61M 5/315
(11) EP3219347
(21) EP17158019.4
(47) 31.10.2018
(22) 27.02.2017
(54) GASKET FOR USE IN A SYRINGE
(73) Sumitomo Rubber Industries, Ltd.
(72) KANEKO, Hiroyuki
(31) 2016051522
(32) 15.03.2016
(33) Japan

(51) A61M 5/315
A61M 5/24
(11) EP3110481
(21) EP15702125.4
(47) 31.10.2018
(87) CH2015000005
03.09.2015
(22) 21.01.2015
(54) INJECTION DEVICE FOR ADMINISTERING A LIQUID PRODUCT
(73) Tecpharma Licensing AG
(72) TSCHIRREN, Markus
HIRSCHEL, Jürg
(31) 275142014
(32) 26.02.2014
(33) Switzerland

(51) A61M 5/315
B65D 81/32
(11) EP2077879
(21) EP07825669.0
(47) 31.10.2018
(87) IB2007003493
20.03.2008
(22) 12.09.2007
(54) CONTAINER, DEVICE AND METHOD TO STORE AND EXPEL A PRODUCT
(73) Becton Dickinson France
(72) PEROT, Frédéric
(31) 0607996
(32) 13.09.2006
(33) France

(51) A61M 5/46
A61M 5/44
A61M 37/00
A61M 5/142
A61B 5/15
A61M 5/158
(11) EP3132822
(21) EP15779587.3
(47) 31.10.2018
(87) JP2015002011
22.10.2015
(22) 09.04.2015
(54) INJECTION DEVICE
(73) Toppan Printing Co., Ltd.
(72) KODAMA, Yoshihiro
(31) 2014083010
(32) 14.04.2014
(33) Japan

(51) A61M 5/46
A61M 5/48
A61M 5/30
A61M 5/20
(11) EP1605995
(21) EP04742277.9
(47) 31.10.2018
(87) FR2004000659
07.10.2004

(22) 18.03.2004
(54) NEEDLELESS INJECTION DEVICE COMPRISING MEANS FOR REGULATING THE GAS PRESSURE LEVEL IN THE COMBUSTION CHAMBER
(73) Crossject
(72) ALEXANDRE, Patrick
BROUQUIERES, Bernard
DESAILLY, David
(31) 0303496
(32) 21.03.2003
(33) France

(51) A61M 15/00
(11) EP3220985
(21) EP15817441.7
(47) 31.10.2018
(87) FR2015053096
26.05.2016
(22) 17.11.2015
(54) DEVICE FOR DISPENSING A FLUID PRODUCT TRIGGERED BY INHALATION.
(73) APTAR France SAS
(72) BAILLET, Matthieu
(31) 1461291
(32) 21.11.2014
(33) France

(51) A61M 15/00
A61M 16/00
(11) EP2506909
(21) EP10834307.0
(47) 31.10.2018
(87) IL2010001017
09.06.2011
(22) 02.12.2010
(54) DRUG DELIVERY DEVICE
(73) Respinova Ltd.
Avni, Yuval
(72) AVNI, Yuval
(31) 265775 P
(32) 02.12.2009
(33) United States of America

(51) A61M 16/00
(11) EP3247437
(21) EP17716248.4
(47) 31.10.2018
(87) EP2017058577
19.10.2017
(22) 10.04.2017
(54) RESPIRATOR HAVING IMPROVED SYNCHRONICITY DURING THE TRANSITION FROM EXPIRATORY TO INSPIRATORY OPERATION
(73) Hamilton Medical AG
(72) MEYER, Johannes Björn Thomas
NOVOTNI, Dominik
(31) 102016206442
(32) 15.04.2016
(33) Germany

(51) A61M 16/00
A61B 5/08
A61M 16/06
A61B 5/00
(11) EP2806932
(21) EP13741408.2
(47) 31.10.2018
(87) AU2013000063
01.08.2013
(22) 25.01.2013
(54) DISCRIMINATION OF CHEYNE-STOKES BREATHING PATTERNS
(73) ResMed Limited
(72) ARMITSTEAD, Jeffrey, Peter
RAMANAN, Dinesh
(31) 201261591346 P
(32) 27.01.2012
(33) United States of America

(51) A61M 16/04
(11) EP2964299
(21) EP14710832.8
(47) 31.10.2018
(87) EP2014054590
12.09.2014
(22) 10.03.2014
(54) TRACHEAL CANNULA AND SPEAKING-RESPIRATION SYSTEM FOR MECHANICAL RESPIRATION
(73) Universitätsmedizin der Johannes Gutenberg-Universität Mainz
(72) THAL, Serge
TSAFOULIS, Philipp
(31) 102013004115
(32) 08.03.2013
(33) Germany

(51) A61M 16/06
(11) EP3150246
(21) EP16197699.8
(47) 31.10.2018
(22) 29.11.2006
(54) NASAL INTERFACE PRONG DEVICE
(73) Vyaire Medical Consumables LLC
(72) ZOLLINGER, Chris
PIERRO, Brian
(31) 292808
(32) 02.12.2005
(33) United States of America

(51) A61M 16/06
A62B 7/00
A62B 9/00
A62B 18/00
(11) EP2780065
(21) EP12850600.3
(47) 31.10.2018
(87) AU2012001416
23.05.2013
(22) 15.11.2012
(54) NASAL MASK SYSTEM
(73) ResMed Limited
(72) EVES, Matthew
GUNEY, Memduh
SCHEINER, Rupert, Christian
(31) 2011904754
(32) 15.11.2011
(33) Australia

(51) A61M 16/08
(11) EP1776153
(21) EP05774404.7
(47) 31.10.2018
(87) EP2005008372
16.02.2006
(22) 02.08.2005
(54) DEVICE FOR EVACUATING BREATHING GAS FROM THE INTERIOR OF A BREATHING MASK, AND BREATHING MASK ARRANGEMENT COMPRISING SAID DEVICE
(73) ResMed R&D Germany GmbH
(72) LANG, Bernd
BIENER, Achim
(31) 102004037344
102004048006
(32) 02.08.2004
01.10.2004
(33) Germany
Germany

(51) A61M 25/06
(11) EP2473224
(21) EP10814108.6
(47) 31.10.2018
(87) US2010037701
10.03.2011
(22) 08.06.2010
(54) COAXIAL TRANSSEPTAL GUIDE-WIRE AND NEEDLE ASSEMBLY
(73) CircuLite, Inc.
(72) FARNAN, Robert, C.
(31) 239151 P
(32) 02.09.2009
(33) United States of America

(51) A61M 25/06
A61M 25/10
A61M 25/00
(11) EP2726135
(21) EP12735735.8
(47) 31.10.2018
(87) US2012045184
03.01.2013
(22) 02.07.2012
(54) DISTAL ACCESS ASPIRATION GUIDE CATHETER
(73) Covidien LP
(72) SHIMADA, Lynn
TORRES, Seferino
STRAUSS, Brian
VALKO, Jeffrey
(31) 201161503546 P
(32) 30.06.2011
(33) United States of America

(51) A61M 25/09
(11) EP3238771
(21) EP16167171.4
(47) 31.10.2018
(22) 26.04.2016
(54) SWIVEL ENHANCED GUIDEWIRE
(73) Loh, Jeffrey Thomas
(72) Loh, Jeffrey Thomas

(51) A61M 25/10
A61B 18/02
A61B 5/01
A61B 5/042
(11) EP3099370
(21) EP14880643.3
(47) 31.10.2018
(87) CA2014000892
06.08.2015
(22) 17.12.2014
(54) ACCESSORY TO ALLOW SENSING AT BALLOON INTERFACE
(73) Medtronic Cryocath LP
(72) MIHALIK, Teresa
(31) 201414169269
(32) 31.01.2014

(33) United States of America

(51) A61M 25/10
A61M 25/00
A61B 17/3207
(11) EP2636422
(21) EP13166289.2
(47) 31.10.2018
(22) 06.03.2009
(54) Cutting balloon with connector and dilation element
(73) Cook Medical Technologies LLC
(72) Burton, David G.
Drewes, David A.
Schaeffer, Darin G.
(31) 36175 P
(32) 13.03.2008
(33) United States of America

(51) A61M 37/00
(11) EP3189873
(21) EP16185915.2
(47) 31.10.2018
(22) 26.08.2016
(54) MANUFACTURING DEVICE FOR MICRONEEDLE
(73) Raphas Co., Ltd.
(72) KIM, Hong Kee
KIM, Jung Dong
BAE, Jung Hyun
LEE, Yang Gi
PARK, So Hyun
JEONG, Do Hyeon
(31) 20150189855
(32) 30.12.2015
(33) Korea (Republic)

(51) A61M 39/00
A61M 39/24
A61M 5/00
A61M 5/148
(11) EP2861275
(21) EP13728202.6
(47) 31.10.2018
(87) EP2013062214
19.12.2013
(22) 13.06.2013
(54) DEVICE FOR INJECTING A LIQUID PRODUCT COMPRISING TWO HALF-SHELLS ROTATABLY MOBILE RELATIVE TO EACH OTHER
(73) Medex
(72) REBERGUE, Habib
TERRASSE, Samuel
MATRAY, Damien
(31) 1255530
201261659288 P
(32) 13.06.2012
13.06.2012
(33) France
United States of America

(51) A61M 39/02
A61M 5/158
A61M 5/32
A61M 25/06
(11) EP2585147
(21) EP11734002.6
(47) 31.10.2018
(87) EP2011003162
05.01.2012
(22) 28.06.2011
(54) NEEDLE HAVING A SAFETY DEVICE
(73) B. Braun Medical S.A.S.
(72) FORBER, Simon
(31) 1002701
(32) 28.06.2010
(33) France

(51) A61M 39/02
A61M 25/01
A61M 37/00
(11) EP3035996
(21) EP14853048.8
(47) 31.10.2018
(87) US2014057327
16.04.2015
(22) 25.09.2014
(54) INDICIA BEARING SEPTUMS, METHODS OF MANUFACTURING THE SEPTUMS AND PORTAL THEREFOR
(73) Smiths Medical ASD, Inc.
(72) FINBERG, Kristin
HOOPLE, Cal Aaron
KUBAS, Amy
TRAVIS, Ronald Gene
WOO, Louis
(31) 201361888047 P
(32) 08.10.2013
(33) United States of America

(51) A61M 39/24
A61M 5/00
A61M 5/145
(11) EP2643046
(21) EP11788756.2
(47) 31.10.2018
(87) US2011061621
31.05.2012
(22) 21.11.2011
(54) CONTRAST MEDIA INJECTOR SYRINGE INLET VALVE SYSTEM
(73) Acist Medical Systems, Inc.
(72) NYSTROM, Sidney, D.
(31) 416993 P
(32) 24.11.2010
(33) United States of America

(51) A61M 39/28
F04B 43/08
A61M 5/142
F04B 43/12
F04B 43/00
(11) EP1834095
(21) EP05810500.8
(47) 31.10.2018
(87) IL2005001249
01.06.2006
(22) 24.11.2005
(54) FINGER-TYPE PERISTALTIC PUMP
(73) Q-Core Medical Ltd.
(72) GOLDOR, Ori
ROTEM, Shachar
(31) 16536504
(32) 24.11.2004
(33) Israel

(51) A61N 1/04
A61B 5/0408
A61B 5/0448
A61B 5/0478
A61B 5/0492
(11) EP2575955
(21) EP11722915.3
(47) 31.10.2018
(87) IB2011051857
08.12.2011
(22) 27.04.2011
(54) ELECTRODE ASSEMBLY WITH MAGNETIC CONNECTION
(73) Koninklijke Philips N.V.
(72) VAN DER BEEK, Maurice Hubertus Elisabeth
VAN ES, Arthur Robert
WHEELHOUSE, Sean Scott
GROB, Timon Rutger
(31) 351083 P
(32) 03.06.2010
(33) United States of America

(51) A61N 1/08
A61N 1/362
A61M 5/142
G06Q 30/00
(11) EP3194016
(21) EP15829990.9
(47) 31.10.2018
(87) US2015043815
11.02.2016
(22) 05.08.2015
(54) IMPLANT TELEMETRY WITH DYNAMIC TUNING
(73) MiniPumps, LLC
(72) PARIS, Jacques
SAGAN, Didier
(31) 201462033557 P
(32) 05.08.2014
(33) United States of America

(51) A61N 1/36
(11) EP3216489
(21) EP17159833.7
(47) 31.10.2018
(22) 08.03.2017
(54) SYSTEMS AND METHODS FOR AUTOMATED CHARGE BALANCING OF MULTIPLE ELECTRODES FOR UNINTERRUPTED THERAPY AND EVOKED RESPONSE SENSING
(73) BIOTRONIK SE & Co. KG
(72) Baru, Marcelo
Vijayagopal, Ramprasad
(31) 201662306093 P
(32) 10.03.2016
(33) United States of America

(51) A61N 5/02
A61N 7/00
A61N 1/40
A61N 5/06
(11) EP2288409
(21) EP09737899.6
(47) 31.10.2018
(87) EP2009003150
05.11.2009
(22) 30.04.2009
(54) BRAIN STIMULATION
(73) Kirk Promotion LTD.
(72) FORSELL, Peter
(31) 71471 P
(32) 30.04.2008
(33) United States of America

(51) A61N 5/06
A61B 10/00
A61B 5/145

(11) EP3310436
(21) EP16731986.2
(47) 31.10.2018
(87) IB2016053694
29.12.2016
(22) 22.06.2016
(54) PHOTOTHERAPY APPARATUS WITH INTEGRATED URINE COLLECTOR AND SENSOR ENABLING REDUCTION OF SIDE-EFFECTS
(73) Koninklijke Philips N.V.
(72) VERVER-KLOMPENHOUWER, Muriëlle Maria
ULMAN, Shrutin
VAN ABEELEN, Frank Anton
PAULUSSEN, Elvira Johanna Maria
(31) 201562182661 P
(32) 22.06.2015
(33) United States of America

(51) A61N 5/10
(11) EP2687262
(21) EP13177195.8
(47) 31.10.2018
(22) 19.07.2013
(54) Particle beam irradiation system
(73) Hitachi, Ltd.
(72) Nishiuchi, Hideaki
Umezawa, Masumi
Nomura, Takuya
Totake, Satoshi
Tobinaga, Koji
Imagawa, Tomohisa
Yoshiura, Seiji
Takeda, Moemi
(31) 2012160706
2012170400
(32) 19.07.2012
31.07.2012
(33) Japan
Japan

(51) A61N 5/10
(11) EP2983781
(21) EP13821820.1
(47) 31.10.2018
(87) EP2013077755
25.06.2015
(22) 20.12.2013
(54) INCREMENTAL TREATMENT PLANNING
(73) RaySearch Laboratories AB
(72) ERIKSSON, Kjell

(51) A61N 5/10
(11) EP3157628
(21) EP15731534.2
(47) 31.10.2018
(87) EP2015063007
23.12.2015
(22) 11.06.2015
(54) SYSTEM AND COMPUTER PROGRAM PRODUCT FOR INVERSE TREATMENT PLANNING.
(73) Intuitive Therapeutics SA
(72) MARTIN, André
SALZMANN, Daniel
(31) 915142014
914142014
(32) 17.06.2014
17.06.2014
(33) Switzerland
Switzerland

(51) A61N 5/10
(11) EP3184147
(21) EP15845487.6
(47) 31.10.2018
(87) CN2015089550
31.03.2016
(22) 14.09.2015
(54) RESPIRATORY GUIDING DEVICE IN RESPIRATORY GATING ION BEAM IRRADIATION
(73) Institute of Modern Physics, Chinese Academy of Sciences
(72) HE, Pengbo
LI, Qiang
DAI, Zhongying
LIU, Xinguo
ZHAO, Ting
FU, Tingyan
SHEN, Guosheng
MA, Yuanyuan
HUANG, Qiyan
YAN, Yuanlin
(31) 201410498032
(32) 25.09.2014
(33) China

(51) A61N 7/02
A61B 5/01
(11) EP2958626
(21) EP14706701.1
(47) 31.10.2018
(87) IB2014058890
28.08.2014
(22) 11.02.2014
(54) HIGH-INTENSITY FOCUSED ULTRASOUND IRRADIATION
(73) Koninklijke Philips N.V.
(72) MOUGENOT, Charles
(31) 201361768774 P
(32) 25.02.2013
(33) United States of America

(51) A61P 3/10
A61K 38/28
A61K 47/00
A61K 9/00
A61K 9/08
A61K 31/155
(11) EP2983697
(21) EP14714692.2
(47) 31.10.2018
(87) EP2014056498
09.10.2014
(22) 01.04.2014
(54) TREATMENT OF DIABETES MELLITUS BY LONG ACTING FORMULATIONS OF INSULINS
(73) SANOFI
(72) MÜHLEN-BARTMER, Isabel
ZIEMEN, Monika
(31) 13305432
13290188
13306412
(32) 03.04.2013
08.08.2013
15.10.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)

(51) A61P 13/10
A61K 38/11
A61K 9/00
A61K 38/08
(11) EP3006036
(21) EP15184741.5
(47) 31.10.2018
(22) 22.03.2011
(54) DESMOPRESSIN FOR REDUCING NOCTURNAL VOIDS
(73) Ferring BV
(72) NORGAARD, Jens, Peter
KLEIN, Bjarke, Mirner
(31) 732161
(32) 25.03.2010
(33) United States of America

(51) A61P 15/14
A61K 31/48
A61K 31/381
A61K 31/4045
A61K 31/428
(11) EP2675527
(21) EP12703815.6
(47) 31.10.2018
(87) EP2012052553
23.08.2012
(22) 15.02.2012
(54) VETERINARY ANTI-PROLACTIN COMPOSITION FOR RUMINANTS COMPRISING CABERGOLIN
(73) Ceva Santé Animale
(72) ISAKA, Naomi
BERTAIM, Thierry
(31) 1151243
(32) 15.02.2011
(33) France

(51) A61P 17/10
A61P 17/06
A61P 17/00
A61K 8/20
A61K 33/20
A61K 8/42
A61Q 19/10
(11) EP2696841
(21) EP12718797.9
(47) 31.10.2018
(87) US2012033510
18.10.2012
(22) 13.04.2012
(54) SODIUM HYPOCHLORITE-BASED BODY WASH COMPOSITIONS
(73) Topmd, Inc.
(72) ANWAR, Azam
COCKERELL, Clay, J.
SITBON, Catherine
(31) 201161476067 P
201161532444 P
(32) 15.04.2011
08.09.2011
(33) United States of America
United States of America

(51) A61P 25/28
A61K 9/00
A61K 31/315
A61K 31/353
A61K 33/30
A61K 9/08

(11) EP3037132
(21) EP15201485.8
(47) 31.10.2018
(22) 21.12.2015
(54) ZINC SALT AND POLYPHENOL COMPOSITION
(73) Farma-Derma S.R.L.
(72) RUSSO, Vincenzo
(31) GE20140133
(32) 23.12.2014
(33) Italy

(51) A61P 29/00
A61K 35/745
A61K 35/747
A61P 5/50
(11) EP2459203
(21) EP10747076.7
(47) 31.10.2018
(87) IB2010053482
03.02.2011
(22) 30.07.2010
(54) LACTIC ACID BACTERIA AND BIFIDOBACTERIA FOR TREATING ENDOTOXEMIA
(73) DuPont Nutrition Biosciences ApS
(72) BURCELIN, Rémy
CARCANO, Didier
DESREUMAUX, Pierre
LAHTINEN, Sampo
RAUTONEN, Nina
PUTAALA, Heli
TIIHONEN, Kirsti
BARRANGOU, Rodolphe
(31) 229980 P
312400 P
321949 P
325919 P
(32) 30.07.2009
10.03.2010
08.04.2010
20.04.2010
(33) United States of America
United States of America
United States of America
United States of America

(51) A61P 31/14
A61K 31/201
A61K 38/40
A61K 35/20
(11) EP2173364
(21) EP08826884.2
(47) 31.10.2018
(87) NZ2008000199
12.02.2009
(22) 08.08.2008
(54) TREATING OR PREVENTING ROTAVIRUS INFECTION
(73) Fonterra Co-Operative Group Limited
(72) MCCONNELL, Michelle Avril
FITZPATRICK, Clare Elizabeth Ann
MACGIBBON, Alastair Kenneth Hugh
(31) 56052407
(32) 09.08.2007
(33) New Zealand

(51) A61P 31/18
A61P 3/02
A61K 45/06
A61K 31/07
A61K 31/51
A61K 31/525
A61K 31/197
A61K 31/4415
A61K 31/714
A61K 31/375
A61K 31/592
A61K 31/593
A61K 31/355
A61K 31/122
A61K 31/519
A61K 33/04
A61K 33/06
A61K 33/24
A61K 33/26
(11) EP1590046
(21) EP03786164.8
(47) 31.10.2018
(87) GB2003005688
22.07.2004
(22) 30.12.2003
(54) COMPOSITION FOR THE TREATMENT OF HIV OR AIDS
(73) VITABIOTICS LIMITED
(72) TAYLOR, Robert
LALVANI, Kartar
(31) 0300078
(32) 03.01.2003
(33) United Kingdom

(51) A61P 35/00
A61P 37/00
A61K 38/06
A61K 47/55
(11) EP2977062
(21) EP15002508.8
(47) 31.10.2018
(22) 15.02.2008
(54) DUAL ACTING PRODRUGS
(73) Vergell Medical S.A.
(72) Kratz, Felix
Merfort, Irmgard
(31) 07003342
(32) 16.02.2007
(33) European Patent Office (EPO)

(51) A61P 35/00
G01N 33/564
G01N 33/574
(11) EP3102946
(21) EP15702482.9
(47) 31.10.2018
(87) EP2015052184
13.08.2015
(22) 03.02.2015
(54) DIAGNOSIS OF CANCER BY DETECTING AUTO-ANTIBODIES AGAINST VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF)
(73) CellTrend GmbH
(72) HEIDECKE, Harald
SCHULZE-FORSTER, Kai
(31) 14153823
(32) 04.02.2014
(33) European Patent Office (EPO)

(51) A61Q 5/10
A61K 8/92
A61K 8/46
A61K 8/39
A61K 8/86
A61K 8/42
(11) EP3113848
(21) EP13900861.9
(47) 31.10.2018
(87) EP2013076476
17.12.2015
(22) 13.12.2013
(54) ANHYDROUS DYEING COMPOSITION AND PROCESS FOR DYEING HAIR
(73) Kao Germany GmbH
(72) GRIT, Mustafa
(31) 12198986
(32) 21.12.2012
(33) European Patent Office (EPO)

(51) A62B 1/14
A63B 29/02
(11) EP3124081
(21) EP16179137.1
(47) 31.10.2018
(22) 13.07.2016
(54) BELAY DEVICE ON ROPE FOR USE IN BELAY AND TOPROPE MODE
(73) Zedel
(72) CHAUMONTET, Michael
QUILLARD, Christophe
(31) 1557407
(32) 31.07.2015
(33) France

(51) A62B 18/10
A62B 9/02
A62B 7/02
(11) EP2879763
(21) EP13748362.4
(47) 31.10.2018
(87) GB2013051974
13.02.2014
(22) 24.07.2013
(54) SWITCHABLE EXHALE FILTER SYSTEM
(73) Scott Health & Safety Ltd.
(72) LANGFORD, Graham
(31) 201214088
(32) 06.08.2012
(33) United Kingdom

(51) A62C 3/16
A62C 5/00
A62D 1/06
C09K 21/02
(11) EP3219365
(21) EP17161644.4
(47) 31.10.2018
(22) 17.03.2017
(54) COMBUSTIBLE AEROSOL COMPOSITION
(73) Goodrich Corporation
(72) REIMER, Karl G.
RODRIGUEZ, Jean C.
(31) 201615074349
(32) 18.03.2016
(33) United States of America

(51) A62C 5/02
A62C 13/00
(11) EP2588204
(21) EP11776326.8
(47) 31.10.2018
(87) DE2011001138
19.01.2012
(22) 30.05.2011

(54) WATER/FOAM FIRE EXTINGUISHER WITH ADJUSTABLE FOAM CONSISTENCY
(73) HNE Technologie AG
(72) EFFENBERGER, Reinhard
CASIMIR, Claus
(31) 102010022789
(32) 04.06.2010
(33) Germany

(51) A62C 33/04
A62C 27/00
(11) EP2907545
(21) EP14154858.6
(47) 31.10.2018
(22) 12.02.2014
(54) Hose handling tool
(73) IVECO MAGIRUS AG
(72) Maier-Paar, Erwin

(51) A62D 1/02
A62C 3/00
A62C 5/02
(11) EP2962735
(21) EP14756772.1
(47) 31.10.2018
(87) JP2014000865
04.09.2014
(22) 19.02.2014
(54) METHOD FOR PREVENTING AND EXTINGUISHING FIRE
(73) Yamato Protec Corporation
(72) FUKUDA, Yasuyoshi
TAKATSUKA, Yuki
ISHIHARA, Takahiro
FUKUMURA, Koki
KOGA, Seijiro
MIYASHITA, Koji
(31) 2013041311
(32) 01.03.2013
(33) Japan

(51) A63B 21/06
A63B 21/00
A63B 21/072
A63B 23/035
(11) EP2918313
(21) EP15154684.3
(47) 31.10.2018
(22) 11.02.2015
(54) A WEIGHTED EXERCISE DEVICE
(73) Escape Fitness Limited
(72) Lock, Mark
Childs, Martin
(31) 201404215
(32) 10.03.2014
(33) United Kingdom

(51) A63B 22/02
(11) EP3000504
(21) EP14885838.4
(47) 31.10.2018
(87) CN2014090294
11.02.2016
(22) 05.11.2014
(54) RUNNING BOARD FOR RUNNING MACHINE AND RUNNING MACHINE USING SAME
(73) Xiamen Aolro Technology Co., Ltd
(72) HOU, Yanwei
(31) 201410386164
201420443715 U
201420463387 U
(32) 07.08.2014
07.08.2014
15.08.2014
(33) China
China
China

(51) A63B 24/00
(11) EP2837409
(21) EP12874256.6
(47) 31.10.2018
(87) JP2012059903
17.10.2013
(22) 11.04.2012
(54) TRAINING DEVICE
(73) System Instruments Co., Ltd.
(72) AKIBA, Takeshi

(51) A63B 53/04
B29C 45/44
B29C 45/14
A63B 60/02
(11) EP3030327
(21) EP14834313.0
(47) 31.10.2018
(87) US2014044504
12.02.2015
(22) 27.06.2014
(54) LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD
(73) Karsten Manufacturing Corporation
(72) SANDER, Raymond J.
(31) 201361862341 P
201414264109
(32) 05.08.2013
29.04.2014
(33) United States of America
United States of America

(51) A63B 69/00
A61F 5/00
A61F 5/37
A63B 23/02
(11) EP2812084
(21) EP13747319.5
(47) 31.10.2018
(87) CA2013000112
15.08.2013
(22) 08.02.2013
(54) DYNAMIC STRETCHING, STRENGTHENING AND STABILIZATION DEVICE FOR POSTURAL CORRECTION AND RETRAINING
(73) Posture Perfector LLC
(72) BURRELL, Gabriel Luke
(31) 201261596636 P
(32) 08.02.2012
(33) United States of America

(51) A63B 69/00
A63B 71/00
A62B 1/06
B66D 1/48
E06C 7/18
A47L 3/02
A63B 21/00
A63B 71/06
(11) EP2432573
(21) EP10724110.1
(47) 31.10.2018
(87) GB2010050814
25.11.2010
(22) 18.05.2010
(54) APPARATUS AND METHOD FOR PROVIDING CLIMB ASSISTANCE
(73) Limpet Holdings (UK) Limited
(72) WATSON, Jonathan
KILGOUR, Alastair
FREDERIKSEN, Jesper
GODSELL, James
BASSI, Oliver
(31) 0908587
(32) 19.05.2009
(33) United Kingdom

(51) A63B 69/12
F04F 5/10
F04F 5/46
(11) EP3199212
(21) EP16206021.4
(47) 31.10.2018
(22) 21.12.2016
(54) SWIMMING SYSTEM CURRENT GENERATOR
(73) Watkins Manufacturing Corporation
(72) Cameron, Hayden
Murdock, James
(31) 201615010017
(32) 29.01.2016
(33) United States of America

(51) A63B 69/36
(11) EP2944360
(21) EP13841900.7
(47) 31.10.2018
(87) CN2013071353
03.04.2014
(22) 05.02.2013
(54) GOLF TRAINING PLATFORM
(73) Shenzhen Kane's Golf Intelligent Technology Co., Ltd.
(72) Kong, Ling'en
(31) 201210370434
(32) 28.09.2012
(33) China

(51) A63C 5/04
(11) EP3037141
(21) EP15201420.5
(47) 31.10.2018
(22) 18.12.2015
(54) SNOWBOARD WITH COMPLEX SIDEWALLS
(73) Skis Rossignol
(72) PUGET, Nicolas
DUTAUT, Jean-Luc
BILLON, Pierre
VAILLI, Johan
(31) 1463261
(32) 23.12.2014
(33) France

(51) A63F 9/00
A63F 1/06
A63F 3/00
(11) EP2941306
(21) EP13870050.5
(47) 31.10.2018
(87) US2013029590
10.07.2014
(22) 07.03.2013

(54) GAMING TABLES HAVING A TABLE TOP EXCHANGEABLE INSERT
(73) GAMING PARTNERS INTERNATIONAL CORPORATION
(72) GELINOTTE, Emmanuel
MORENO, Francisco Javier
GRONAU, Gregory
(31) 201313733635
(32) 03.01.2013
(33) United States of America

(51) A63F 13/211
A63F 13/213
A63F 13/219
A63F 13/426
A63F 13/428
G06F 3/0346
(11) EP2140916
(21) EP09160769.7
(47) 31.10.2018
(22) 20.05.2009
(54) Coordinate calculation apparatus and storage medium having coordinate calculation program stored therein
(73) Nintendo Co., Ltd.
(72) OHTA, Keizo
(31) 2008171518
2008171519
2009054954
(32) 30.06.2008
30.06.2008
09.03.2009
(33) Japan
Japan
Japan

(51) A63F 13/497
A63F 13/86
(11) EP2240251
(21) EP09710108.3
(47) 31.10.2018
(87) US2009034112
20.08.2009
(22) 13.02.2009
(54) SYSTEM AND METHOD FOR AUTOMATED CREATION OF VIDEO GAME HIGHLIGHTS
(73) Sony Computer Entertainment America LLC
(72) COTTRELL, David
(31) 29261 P
370327
(32) 15.02.2008
12.02.2009
(33) United States of America
United States of America

(51) A63F 13/87
A63F 13/215
A63F 13/235
A63F 13/327
A63F 13/424
A63F 13/98
H04R 3/00
H04R 5/04
(11) EP2506943
(21) EP10835092.7
(47) 31.10.2018
(87) US2010058629
09.06.2011
(22) 02.12.2010
(54) WIRELESS GAME/AUDIO SYSTEM AND METHOD
(73) AG Acquisition Corporation
(72) REISS, Jordan
GILSTROM, Lars
JETTER, Robert
BARRY, Adam
BRETT, Lovelady
(31) 266007 P
(32) 02.12.2009
(33) United States of America

(51) A63G 27/04
A63G 1/44
(11) EP3020458
(21) EP14193551.0
(47) 31.10.2018
(22) 17.11.2014
(54) Amusement device with tilting rotatable structure
(73) Antonio Zamperla S.p.A.
(72) Soriani, Claudio

(51) A63H 33/08
A63H 33/04
(11) EP2888019
(21) EP13831481.0
(47) 31.10.2018
(87) US2013056599
27.02.2014
(22) 26.08.2013
(54) MODULAR ELECTRONIC BUILDING SYSTEMS WITH MAGNETIC INTERCONNECTIONS AND METHODS OF USING THE SAME
(73) littleBits Electronics, Inc.
(72) BDEIR, Aya
(31) 201213593891
201261728103 P
(32) 24.08.2012
19.11.2012
(33) United States of America
United States of America

(51) A63J 25/00
E04H 3/00
(11) EP3144043
(21) EP15185387.6
(47) 31.10.2018
(22) 16.09.2015
(54) CINEMA ROOM FOR A MULTI-SCREEN CINEMA
(73) Vallesviu, S.A.
(72) SALLENT PUIGCERCOS, Pere

(51) B01D 3/00
B01D 1/16
B01D 1/30
B01D 3/06
B01D 5/00
B01D 1/26
(11) EP2755730
(21) EP12832155.1
(47) 31.10.2018
(87) US2012055175
21.03.2013
(22) 13.09.2012
(54) SYSTEM AND METHOD FOR WATER TREATMENT
(73) Aquasource Technologies Corporation
(72) DIGHE, Shyam V.
(31) 201161573900 P
201161573957 P
201161573958 P
201161573956 P
201161573955 P
201161573954 P
201161573953 P
201161573952 P
(32) 14.09.2011
14.09.2011
14.09.2011
14.09.2011
14.09.2011
14.09.2011
14.09.2011
14.09.2011
(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) B01D 15/36
B01D 15/20
C07K 1/18
B01J 49/00
(11) EP2173450
(21) EP08784776.0
(47) 31.10.2018
(87) EP2008005768
22.01.2009
(22) 15.07.2008
(54) METHOD FOR THE REGENERATION OF A CHROMATOGRAPHY COLUMN
(73) F. Hoffmann-La Roche AG
(72) BURG, Josef
REICHERT, Klaus
SCHROTH, Axel
SCHURIG, Hartmut
WESSNER, Axel
(31) 07013960
(32) 17.07.2007
(33) European Patent Office (EPO)

(51) B01D 29/96
C02F 1/00
C02F 9/00
(11) EP2903712
(21) EP13801787.6
(47) 31.10.2018
(87) IB2013058850
10.04.2014
(22) 25.09.2013
(54) FILTRATION APPARATUS
(73) WLI Trading Limited
(72) BEN-DAVID, Jonathan
KIM, Heung Soon
(31) 201217863
(32) 05.10.2012
(33) United Kingdom

(51) B01D 39/08
B01D 46/12
B01D 39/16
(11) EP2259860
(21) EP09729386.4
(47) 31.10.2018
(87) US2009039742
15.10.2009

(22) 07.04.2009
(54) AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY ENVIRONMENT
(73) E. I. du Pont de Nemours and Company
(72) CHI, Cheng-Hang
LIM, Hyun, Sung
ZHANG, Lu
(31) 123350
132498
(32) 07.04.2008
19.06.2008
(33) United States of America
United States of America

(51) B01D 39/16
(11) EP3219376
(21) EP16178856.7
(47) 31.10.2018
(22) 11.07.2016
(54) VACUUM CLEANER FILTER BAG MADE FROM RECYCLED PLASTICS
(73) Eurofilters N.V.
(72) SAUER, Ralf
SCHULTINK, Jan
(31) 16160922
16160921
(32) 17.03.2016
17.03.2016
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) B01D 39/16
B01D 46/52
B01D 63/14
B01D 65/00
B01D 71/36
(11) EP3124093
(21) EP15767950.7
(47) 31.10.2018
(87) JP2015058534
01.10.2015
(22) 20.03.2015
(54) FILTER MEDIUM FOR AIR FILTER, FILTER PACK, AIR FILTER UNIT, AND METHOD FOR MANUFACTURING FILTER MEDIUM FOR AIR FILTER
(73) Daikin Industries, Ltd.
(72) SHIBUYA, Yoshiyuki
KIYOTANI, Hideyuki
INUI, Kunihiko
BAO, Li
CHAEN, Shinichi
YAMAMOTO, Seigo
KOBAYASHI, Makoto
NIINUMA, Hitoshi
(31) 2014064337
(32) 26.03.2014
(33) Japan

(51) B01D 39/20
C04B 38/00
F01N 3/02
B01D 46/24
C04B 38/06
C04B 35/195
F01N 3/022
C04B 111/00
(11) EP2455153
(21) EP10813785.2
(47) 31.10.2018
(87) JP2010065068
10.03.2011
(22) 02.09.2010
(54) METHOD FOR MANUFACTURING A CERAMIC HONEYCOMB STRUCTURE
(73) Hitachi Metals, Ltd.
(72) OKAZAKI, Shunji
(31) 2009205153
(32) 04.09.2009
(33) Japan

(51) B01D 46/44
F24F 11/00
A61L 9/12
(11) EP2464439
(21) EP08744654.8
(47) 31.10.2018
(87) US2008058724
02.10.2008
(22) 28.03.2008
(54) SYSTEM AND METHOD OF CONTROLLING OPERATION OF A LIQUID DIFFUSION APPLIANCE
(73) Prolitec Inc.
(72) ROBERT, Marc
WEENING, Richard
(31) 691363
(32) 26.03.2007
(33) United States of America

(51) B01D 53/50
B01D 53/79
F23J 15/04
(11) EP3100781
(21) EP15468005.2
(47) 31.10.2018
(22) 01.06.2015
(54) PROCESS AND APPARATUS FOR HIGH PERFORMANCE FLUE GAS CLEANING
(73) RUDIS poslovno zdruzenje za inzeniring in izgradnjo objekov d.o.o.
(72) Loos, Dieter
Bas, Dejan

(51) B01D 53/56
(11) EP2802407
(21) EP13797766.6
(47) 31.10.2018
(87) US2013020586
05.12.2013
(22) 07.01.2013
(54) REMOVAL OF ATMOSPHERIC POLLUTANTS FROM GAS AND RELATED APPARATUS
(73) Alloy Cleaning, Inc
(72) RICHARDSON, Robert
MILLIER, Roger Glenn
BARTHOUSE, Larry Kent
(31) 201261584347 P
201261656192 P
201261715146 P
201261715149 P
(32) 09.01.2012
06.06.2012
17.10.2012
17.10.2012
(33) United States of America
United States of America
United States of America
United States of America

(51) B01D 53/94
F01N 3/20
F01N 3/28
(11) EP3102800
(21) EP15704582.4
(47) 31.10.2018
(87) GB2015050314
13.08.2015
(22) 05.02.2015
(54) COMPACT SELECTIVE CATALYTIC REDUCTION SYSTEM FOR NITROGEN OXIDE REDUCTION IN THE OXYGEN-RICH EXHAUST OF 500 TO 4500 KW INTERNAL COMBUSTION ENGINES
(73) Johnson Matthey Catalysts (Germany) GmbH
(72) KUEGEL, Daniel
PILURI, Ilir
REICHERT, Dirk
(31) 201461936611 P
(32) 06.02.2014
(33) United States of America

(51) B01D 61/36
B01D 69/06
B01D 69/08
B01D 69/12
B01D 69/14
(11) EP2945731
(21) EP14705873.9
(47) 31.10.2018
(87) IB2014058356
24.07.2014
(22) 17.01.2014
(54) NOVEL TECHNIQUES FOR PREPARING MULTI-LAYER POLYMERIC AND MIXED MATRIX MEMBRANES AND A DEVICE FOR MEMBRANE DISTILLATION
(73) Membrane Distillation Desalination Ltd. Co.
(72) QTAISHAT, Mohammed Rasool
ALMUTTIRI, Saad
(31) 201361753751 P
(32) 17.01.2013
(33) United States of America

(51) B01D 67/00
B01D 69/12
C23C 18/16
(11) EP3259048
(21) EP16704592.1
(47) 31.10.2018
(87) EP2016052884
25.08.2016
(22) 11.02.2016
(54) MICROPOROUS MEMBRANE HAVING METALLIC COATING
(73) Unilever N.V.
(72) ALENCHERRY, Tinto, Johnichan
MATTATHIL SUKUMARAN, Suma
RAJANARAYANA, Venkataraghavan
(31) 15155565
(32) 18.02.2015
(33) European Patent Office (EPO)

(51) B01D 71/38
B01D 61/36
(11) EP2618918
(21) EP11729428.0
(47) 31.10.2018
(87) EP2011061405
29.03.2012

(22) 06.07.2011
(54) MEMBRANE HAVING A PORE-FREE SEPARATION LAYER, AND ALSO USE AND METHOD FOR PRODUCTION OF A MEMBRANE
(73) Sulzer Chemtech AG
(72) FRANIA, Michael
HÜBNER, Andreas
MAUS, Eva
(31) 10177656
(32) 20.09.2010
(33) European Patent Office (EPO)

(51) B01F 3/04
B01D 19/00
B01F 5/02
B01F 5/04
B01F 5/06
C02F 1/04
C02F 1/44
B01F 3/22
B01F 5/10
C02F 1/74
C02F 103/02
(11) EP3241604
(21) EP17000812.2
(47) 31.10.2018
(22) 14.01.2014
(54) HIGH-DENSITY FINE BUBBLE-CONTAINING LIQUID PRODUCING METHOD AND HIGH-DENSITY FINE BUBBLE-CONTAINING LIQUID PRODUCING APPARATUS
(73) Idec Corporation
(72) Kobayashi, Hideaki
Kashiwa, Masakazu
(31) 2013006481
(32) 17.01.2013
(33) Japan

(51) B01F 5/06
B01F 13/00
A61B 17/00
B05B 15/528
(11) EP2895259
(21) EP13763437.4
(47) 31.10.2018
(87) US2013059119
20.03.2014
(22) 11.09.2013
(54) AIRLESS, NON-CLOGGING TIP ASSEMBLY AND DEVICE
(73) Ethicon, Inc
(72) GOODMAN, John
MARTINS, Sonia
BILOTTA, Joseph B.
(31) 201213611511
(32) 12.09.2012
(33) United States of America

(51) B01F 11/00
B01F 15/00
(11) EP3218095
(21) EP15794162.6
(47) 31.10.2018
(87) EP2015076386
19.05.2016
(22) 12.11.2015
(54) ORBITAL SHAKER
(73) Enzyscreen B.V.
(72) DUETZ, Wouter Adriaan
(31) 14193009
(32) 13.11.2014
(33) European Patent Office (EPO)

(51) B01F 15/04
C02F 1/68
C02F 1/50
D21C 5/00
D21H 21/36
C02F 103/28
(11) EP2823882
(21) EP14176019.9
(47) 31.10.2018
(22) 07.07.2014
(54) PROCESS AND SYSTEM FOR TREATMENT OF AQUEOUS PROCESS FLUIDS IN PARTIALLY CLOSED WHITE WATER CIRCUIT
(73) Alexander Erdtmann Dosiertechnik
(72) Erdtmann, Alexander
(31) 102013107245
(32) 09.07.2013
(33) Germany

(51) B01J 8/06
(11) EP3233261
(21) EP15819809.3
(47) 31.10.2018
(87) EP2015080308
23.06.2016
(22) 17.12.2015
(54) FIBRE-OPTIC TEMPERATURE MEASUREMENT IN A CATALYST MATERIAL
(73) MAN Diesel & Turbo SE
(72) EGNER, Franz
BANK, Rolf
BAUER, Andreas
LAINER, Martin
VERBEEK, Dieter
(31) 102014018825
(32) 19.12.2014
(33) Germany

(51) B01J 8/12
(11) EP2040832
(21) EP07799401.0
(47) 31.10.2018
(87) US2007073054
24.01.2008
(22) 09.07.2007
(54) SCREENLESS INTERNALS FOR RADIAL FLOW REACTORS
(73) UOP LLC
(72) GLOVER, Bryan K.
WOODLE, Guy B.
ZIMMERMANN, Joseph E.
SENETAR, John J.
(31) 458402
(32) 19.07.2006
(33) United States of America

(51) B01J 8/24
F23C 10/18
(11) EP2908936
(21) EP13847595.9
(47) 31.10.2018
(87) US2013056724
24.04.2014
(22) 27.08.2013
(54) IN-BED SOLIDS CONTROL VALVE WITH IMPROVED RELIABILITY
(73) The Babcock & Wilcox Company
(72) MARYAMCHIK, Mikhail
KRAFT, David, L
ALEXANDER, Kiplin, C
FLYNN, Thomas, J
HU, Shengteng
(31) 201213653636
(32) 17.10.2012
(33) United States of America

(51) B01J 10/00
B01J 19/24
B01J 8/02
C01B 17/16
(11) EP3067115
(21) EP16165339.9
(47) 31.10.2018
(22) 03.07.2009
(54) REACTION VESSEL AND ITS USE
(73) Evonik Degussa GmbH
(72) Redlingshöfer, Hubert
Barth, Jan-Olaf
Finkeldei, Caspar-Heinrich
Hasselbach, Hans Joachim
Kretz, Stephan
Heinzel, Harald
Weckbecker, Christoph
(31) 102008040544
(32) 18.07.2008
(33) Germany

(51) B01J 14/00
B01D 11/04
C07C 17/16
C07C 45/72
C07C 67/03
C11B 3/04
(11) EP1827644
(21) EP05857183.7
(47) 31.10.2018
(87) US2005046630
10.08.2006
(22) 22.12.2005
(54) USE OF FIBER FILM REACTORS TO EFFECT EXTRACTION BETWEEN TWO IMMISCIBLE COMPONENTS
(73) CHEMTOR, LP
(72) MASSINGILL, John Lee
(31) 639444 P
(32) 22.12.2004
(33) United States of America

(51) B01J 19/12
B41J 2/01
F26B 3/00
B41F 23/04
B41J 11/00
F21V 29/51
(11) EP2952250
(21) EP14746092.7
(47) 31.10.2018
(87) JP2014051637
07.08.2014
(22) 27.01.2014
(54) LIGHT IRRADIATING DEVICE AND PRINTING DEVICE
(73) Kyocera Corporation
(72) UCHIDA, Shinya
(31) 2013015583
(32) 30.01.2013
(33) Japan

(51) B01J 20/20
B01J 20/32
B01J 20/28
B01J 20/30
C02F 1/28
C01B 21/09
C02F 101/12
C02F 101/36
C02F 101/38
C02F 103/02
(11) EP2755753
(21) EP12766200.5
(47) 31.10.2018
(87) US2012052502
21.03.2013
(22) 27.08.2012
(54) FILTRATION MEDIUM COMPRISING A CARBON OXYCHALCOGENIDE
(73) 3M Innovative Properties Company
(72) SIEDLE, Allen R.
STOUFFER, Mark R.
(31) 201161533297 P
(32) 12.09.2011
(33) United States of America

(51) B01J 20/22
B01J 20/28
B01J 20/30
B01J 31/16
B01J 31/22
B01J 35/00
B01J 35/10
C07F 7/00
C07F 7/28
C07F 9/00
C07C 63/28
C07C 63/333
C07F 15/02
(11) EP2716360
(21) EP12793245.7
(47) 31.10.2018
(87) KR2012004363
06.12.2012
(22) 01.06.2012
(54) METHOD FOR PREPARING POROUS ORGANIC-INORGANIC HYBRID MATERIALS
(73) Korea Research Institute of Chemical Technology
(72) LEE, U-Hwang
CHANG, Jong-San
HWANG, Young Kyu
SEO, You-Kyong
SERRE, Christian
HORCAJADA, Patricia
CHEVREAU, Hubert
RAGON, Florence
DEVIC, Thomas
(31) 20110052990
(32) 01.06.2011
(33) Korea (Republic)

(51) B01J 23/75
B01J 35/02
B01J 37/00
B01J 37/02
B01J 37/03
B01J 37/06
B01J 37/08
B01J 23/83
B01J 23/02
B01J 37/04
C01C 1/04
(11) EP3318326
(21) EP17000829.6
(47) 31.10.2018
(22) 15.05.2017
(54) A METHOD FOR OBTAINING PROMOTED COBALT CATALYSTS FOR AMMONIA SYNTHESIS
(73) POLITECHNIKA WARSZAWSKA
Instytut Nowych Syntez Chemicznych
(72) Kowalik, Pawel
Antoniak-Jurak, Katarzyna
Wiercioch, Pawel
Raróg-Pilecka, Wioletta
Zybert, Magdalena
Tarka, Aleksandra
(31) 41936116
(32) 04.11.2016
(33) Poland

(51) B01J 29/70
B01J 29/72
B01J 29/74
B01J 29/76
C07C 2/66
C07C 2/74
C01B 39/46
C01B 39/48
(11) EP2323951
(21) EP09790484.1
(47) 31.10.2018
(87) US2009050732
04.02.2010
(22) 15.07.2009
(54) A NOVEL MOLECULAR SIEVE COMPOSITION EMM-13 AND A PROCESS OF USING THE SAME
(73) ExxonMobil Chemical Patents Inc.
(72) ROTH, Wieslaw, J.
DORSET, Douglas, L.
KENNEDY, Gordon, J.
YORKE, Thomas
HELTON, Terry, E.
GHOSH, Prasenjeet
JOSHI, Yogesh, V.
(31) 84171 P
(32) 28.07.2008
(33) United States of America

(51) B01J 35/00
B01J 23/58
B01J 23/63
B01J 35/02
B01D 53/94
B01J 35/10
B01J 37/02
F01N 3/08
F01N 3/10
F01N 3/20
F01N 3/035
B01D 46/24
F01N 13/00
(11) EP2561195
(21) EP11772524.2
(47) 31.10.2018
(87) US2011032978
27.10.2011
(22) 19.04.2011
(54) GASOLINE ENGINE EMISSIONS TREATMENT SYSTEMS HAVING GASOLINE PARTICULATE FILTERS
(73) BASF Corporation
BASF SE
(72) ARNOLD, Mirko
SIEMUND, Stephan
SIANI, Attilio
WASSERMANN, Knut
(31) 386997 P
325478 P
201113087497
(32) 27.09.2010
19.04.2010
15.04.2011
(33) United States of America
United States of America
United States of America

(51) B01J 35/04
B01J 37/02
B05D 7/22
(11) EP3127612
(21) EP16183967.5
(47) 31.10.2018
(22) 08.02.2011
(54) COATED SUBSTRATE FOR THE MANUFACTURE OF CATALYTIC CONVERTORS
(73) Umicore AG & Co. KG
(72) MERGNER, Bernd
MASSON, Stéphane
(31) 102010007499
(32) 09.02.2010
(33) Germany

(51) B01L 3/00
(11) EP2537586
(21) EP12165239.0
(47) 31.10.2018
(22) 24.04.2012
(54) Hydrodynamic filter unit, hydrodynamic filter including the hydrodynamic filter unit, and method of filtering target material by using the hydrodynamic filter unit and the hydrodynamic filter
(73) Samsung Electronics Co., Ltd.
(72) Kim, Min-seok
Lee, Won-ho
Kim, Sun-soo
Kim, Jin-hoon
Lee, Jeong-gun
Sim, Tae-seok
(31) 20110061799
(32) 24.06.2011
(33) Korea (Republic)

(51) B01L 3/00
(11) EP2753427
(21) EP12829973.2
(47) 31.10.2018
(87) US2012054240
14.03.2013
(22) 07.09.2012
(54) MECHANICALLY SUPPORTING MICROFLUIDIC DEVICES
(73) Waters Technologies Corporation
(72) BERTONE, Gary, W.
(31) 201161531658 P
(32) 07.09.2011
(33) United States of America

(51) B01L 3/00
G01N 1/28
B65B 11/52
B01L 3/14
(11) EP3023335
(21) EP15200612.8
(47) 31.10.2018
(22) 02.04.2012
(54) LIQUID REAGENT STORAGE AND OPERATION OF ANALYTICAL DEVICES
(73) Biosurfit, S.A.
(72) ALBUQUERQUE, Carlota
TENREIRO, Tânia
REIS, Nuno
GARCIA DA FONSECA, João
MARQUES CALEIRO CABEÇA, Ricardo Manuel
(31) 2011105607
(32) 02.04.2011
(33) Portugal

(51) B01L 3/02
(11) EP2656915
(21) EP12002848.5
(47) 31.10.2018
(22) 23.04.2012
(54) PIPETTE FOR ACTUATING AN INJECTION
(73) Eppendorf AG
(72) Sattler, Jörg
Schmidt, Winfried
Belgardt, Herbert
Reichmuth, Burkhardt

(51) B01L 7/00
B01L 3/00
B81C 1/00
B81B 3/00
B81B 7/00
(11) EP2902109
(21) EP15154853.4
(47) 31.10.2018
(22) 23.09.2011
(54) Method of manufacturing a device for thermal insulation of micro-reactors
(73) IMEC VZW
Katholieke Universiteit Leuven
(72) Jones, Benjamin
Fiorini, Paolo
Tanaka, Hiroyuki

(51) B01L 7/00
B01L 3/00
G01N 31/22
(11) EP1963840
(21) EP06846721.6
(47) 31.10.2018
(87) US2006062407
05.07.2007
(22) 20.12.2006
(54) IMMUNOASSAY APPARATUS AND KIT
(73) Chembio Diagnostic Systems, Inc.
(72) ESFANDIARI, Javanbakhsh
(31) 317118
(32) 22.12.2005
(33) United States of America

(51) B01L 7/00
B01L 9/00
(11) EP2364219
(21) EP09764071.8
(47) 31.10.2018
(87) IB2009055134
10.06.2010
(22) 18.11.2009
(54) THERMAL CYCLING SYSTEM COMPRISING A TRANSPARENT HEATING ELEMENT
(73) Biocartis NV
(72) KOLESNYCHENKO, Aleksey
GEIJSELAERS, Martinus, L., J.
(31) 08170837
(32) 05.12.2008
(33) European Patent Office (EPO)

(51) B01L 9/00
(11) EP2959973
(21) EP15397518.0
(47) 31.10.2018
(22) 11.05.2015
(54) PACKAGE
(73) Sartorius Biohit Liquid Handling Oy
(72) Leinonen, Janne
Alt, Sami
(31) 20145613
(32) 24.06.2014
(33) Finland

(51) B01L 9/06
G06K 7/10
G01N 35/04
G01N 35/00
B01L 3/00
(11) EP2809444
(21) EP13744231.5
(47) 31.10.2018
(87) US2013024362
08.08.2013
(22) 01.02.2013
(54) BARCODE READING TEST TUBE HOLDER
(73) Siemens Healthcare Diagnostics Inc.
(72) POLLACK, Benjamin Samuel
(31) 201261594491 P
(32) 03.02.2012
(33) United States of America

(51) B02C 7/12
D21D 1/00
D21D 1/22
D21D 1/30
(11) EP3161206
(21) EP15733624.9
(47) 31.10.2018
(87) EP2015001276
30.12.2015
(22) 24.06.2015
(54) SET FOR MECHANICAL PROCESSING, IN PARTICULAR REFINING OF SUSPENDED FIBROUS MATERIAL
(73) Andritz Fiedler Gmbh
(72) TICHY, Christoph
BEER, Wolfgang
MICKELAT, Thomas
ANTENSTEINER, Peter
(31) 102014009588
(32) 27.06.2014
(33) Germany

(51) B03C 1/033
B03C 1/28
(11) EP2162222
(21) EP08760236.3
(47) 31.10.2018
(87) EP2008056645
04.12.2008
(22) 29.05.2008
(54) MAGNETIC SEPARATION RACK
(73) Life Technologies AS
(72) ELLIS, Darren
HILDISCH, Tine Borgen
MUNDY, Jez
RAGNHILDSTVEIT, Erlend
TOFTEN, Richard Johan
ZGONC, Kornelija
(31) 0710188
0710189
940629 P
940614 P
0724426
0724404
14624
14627
(32) 29.05.2007
29.05.2007
29.05.2007
29.05.2007
14.12.2007
14.12.2007
18.12.2007
18.12.2007
(33) United Kingdom
United Kingdom
United States of America
United States of America
United Kingdom
United Kingdom
United States of America
United States of America

(51) B03C 1/28
B03C 1/033
B03C 1/00
(11) EP2326426
(21) EP09782427.0
(47) 31.10.2018
(87) EP2009061241
25.03.2010
(22) 01.09.2009
(54) SEPARATING DEVICE FOR SEPARATING PARTICLES ABLE TO BE MAGNETIZED AND PARTICLES NOT ABLE TO BE MAGNETIZED TRANSPORTED IN A SUSPENSION FLOWING THROUGH A SEPARATING CHANNEL
(73) Siemens Aktiengesellschaft
(72) TRAUTMANN, Bernd
BENDER, Kathrin
OSWALD, Jürgen
SCHMIDT, Wolfgang
(31) 102008047855
(32) 18.09.2008
(33) Germany

(51) B05B 3/04
B05B 3/00
B05B 15/18
B05B 1/30
(11) EP2953723
(21) EP14749231.8
(47) 31.10.2018
(87) US2014015391
14.08.2014

(22) 07.02.2014
(54) SPRINKLER WITH BRAKE ASSEMBLY
(73) Rain Bird Corporation
(72) KIM, Eugene Ezekiel
SABAU, Radu Marian
(31) 201313763487
201313829142
(32) 08.02.2013
14.03.2013
(33) United States of America
United States of America

(51) B05B 9/08
B05B 12/00
(11) EP3233294
(21) EP15828745.8
(47) 31.10.2018
(87) FR2015053591
23.06.2016
(22) 17.12.2015
(54) FLUID PRODUCT DISPENSER
(73) Aptar France SAS
(72) CHEN, Alexandre
JACQUEMART, Régis
LEBOUCHER, Arnaud
(31) 1462965
(32) 19.12.2014
(33) France

(51) B05B 11/00
(11) EP2869933
(21) EP13737356.9
(47) 31.10.2018
(87) GB2013051775
09.01.2014
(22) 04.07.2013
(54) PUMP DISPENSERS
(73) Rieke Corporation
(72) PRITCHETT, David
KNIGHT, Simon Christopher
BRUNTON, Joseph Stanley
(31) 201212042
(32) 05.07.2012
(33) United Kingdom

(51) B05B 14/43
B01D 46/00
B01D 46/24
B01D 46/10
(11) EP3132858
(21) EP16177444.3
(47) 31.10.2018
(22) 01.07.2016
(54) DEVICE FOR SEPARATING OVERSPRAY AND SURFACE TREATING INSTALLATION
(73) Eisenmann SE
(31) 102015009690
(32) 30.07.2015
(33) Germany

(51) B05B 15/30
B05B 11/00
B65D 83/32
(11) EP3171984
(21) EP15763041.9
(47) 31.10.2018
(87) FR2015052036
28.01.2016
(22) 23.07.2015
(54) FLUID PRODUCT DISPENSING MEMBER
(73) APTAR France SAS
(72) BERANGER, Stéphane
DUQUET, Frédéric
(31) 1457224
(32) 25.07.2014
(33) France

(51) B05C 5/00
B05B 3/12
(11) EP2422886
(21) EP10767152.1
(47) 31.10.2018
(87) JP2010057229
28.10.2010
(22) 23.04.2010
(54) NOZZLE ROTATION MECHANISM AND COATING DEVICE PROVIDED THEREWITH
(73) Musashi Engineering, Inc.
(72) IKUSHIMA, Kazumasa
(31) 2009105793
(32) 24.04.2009
(33) Japan

(51) B05D 5/00
B05D 7/00
B05D 5/08
B05D 1/00
F24C 15/00
B05D 3/12
(11) EP3003581
(21) EP14721389.6
(47) 31.10.2018
(87) EP2014059104
27.11.2014
(22) 05.05.2014
(54) COATING OF USAGE SURFACES WITH PLASMA POLYMER LAYERS UNDER ATMOSPHERIC PRESSURE IN ORDER TO IMPROVE THE CLEANABILITY
(73) BSH Hausgeräte GmbH
(72) JÖRDENS, Frank
SALOMON, Jürgen
SCHALLER, Philipp
SCHMIDMAYER, Gerhard
(31) 102013209709
(32) 24.05.2013
(33) Germany

(51) B06B 1/02
A61B 17/32
A61B 18/14
A61B 90/98
A61B 17/00
A61B 17/22
A61B 90/00
(11) EP2433581
(21) EP10777717.9
(47) 31.10.2018
(87) JP2010058276
25.11.2010
(22) 17.05.2010
(54) ULTRASOUND OPERATION APPARATUS AND CAVITATION CONTROL METHOD FOR THE ULTRASOUND OPERATION APPARATUS
(73) Olympus Corporation
(72) TANAKA, Kazue
(31) 467572
(32) 18.05.2009
(33) United States of America

(51) B06B 1/06
(11) EP3079838
(21) EP14868892.2
(47) 31.10.2018
(87) US2014065964
18.06.2015
(22) 17.11.2014
(54) FLEXIBLE MICROMACHINED TRANSDUCER DEVICE AND METHOD FOR FABRICATING SAME
(73) Fujifilm Dimatix, Inc.
(72) LATEV, Dimitre
HAJATI, Arman
IMAI, Darren Todd
TRAN, Ut
(31) 201314103672
(32) 11.12.2013
(33) United States of America

(51) B06B 1/16
(11) EP2231342
(21) EP08860000.2
(47) 31.10.2018
(87) US2008085785
18.06.2009
(22) 08.12.2008
(54) METHOD AND SYSTEM FOR RETRACTING AN UNBALANCED MASS IN A VIBRATOR
(73) Google Technology Holdings LLC
(72) PAIS, Martin R.
VUPPALA, Mangaraju
(31) 954501
(32) 12.12.2007
(33) United States of America

(51) B08B 3/10
B08B 3/12
(11) EP3009202
(21) EP15196928.4
(47) 31.10.2018
(22) 26.08.2010
(54) SURFACE CLEANING METHOD
(73) University Of Southampton
(72) LEIGHTON, Timothy, Grant
VIAN, Christopher, James, Bradshaw
BIRKIN, Peter, Robert
(31) 0914836
(32) 26.08.2009
(33) United Kingdom

(51) B08B 9/051
B23C 3/12
(11) EP3251761
(21) EP17168561.3
(47) 31.10.2018
(22) 27.04.2017
(54) MILLING ROBOT FOR THE RENOVATION OF PIPELINES WITH A MILLING HEAD
(73) IBAK Helmut Hunger GmbH & Co. KG
(72) Stock, Markus
(31) 102016109845
(32) 27.05.2016
(33) Germany

(51) B08B 9/46
G01N 1/00
G01N 21/954
G01N 1/10

(11) EP1882532
(21) EP07252699.9
(47) 31.10.2018
(22) 05.07.2007
(54) Modular system for internal inspection of storage tanks containing liquid fuels
(73) Petróleo Brasileiro S.A. Petrobras
(72) Machado, Alander Ornellas
Rocha, Mauro Iurk
Pinto, Ricardo Rodriques da Cunha
dos Reis, Ney Robinson Salvi
Meggiolaro, Marco Antonio
Scofano, Felipe dos Santos
(31) PI0603020
(32) 28.07.2006
(33) Brazil

(51) B09B 3/00
B01J 2/10
B01J 2/00
B01D 53/62
C05D 3/02
(11) EP3089830
(21) EP14877099.3
(47) 31.10.2018
(87) FI2014051066
09.07.2015
(22) 30.12.2014
(54) METHOD AND APPARATUS FOR GRANULATING FLY ASH
(73) Kuopanportti, Hannu
(72) Kuopanportti, Hannu
(31) 20136342
(32) 31.12.2013
(33) Finland

(51) B09B 3/00
B02C 19/00
B09B 5/00
A61B 50/36
A61B 50/30
(11) EP3320991
(21) EP16198281.4
(47) 31.10.2018
(22) 10.11.2016
(54) METHOD FOR TREATING METALLIC MEDICAL DEVICES AND METALLIC MEDICAL DEVICES OR METALLIC CONTAINER OBTAINED BY THIS METHOD
(73) Lorke, Werner W.
(72) Lorke, Werner W.

(51) B09B 3/00
C03B 5/00
(11) EP2121207
(21) EP07822789.9
(47) 31.10.2018
(87) EP2007062651
05.06.2008
(22) 21.11.2007
(54) DEVICE AND METHOD OF INERTING TOXIC MATERIALS BY PLASMA MELTING
(73) Europlasma
(72) CLERCQ-ROQUES, Louis
BRUNEAU, Franck Emmanuel Laurent
ROBERT-ARNOUIL, Jean-Paul
(31) 0655127
(32) 27.11.2006
(33) France

(51) B21B 1/46
C22C 38/04
C22C 38/12
B22D 11/06
C22C 38/06
C22C 38/16
C22C 38/02
C22C 38/08
C22C 38/58
C21D 8/02
(11) EP2398602
(21) EP10743332.8
(47) 31.10.2018
(87) AU2010000189
26.08.2010
(22) 20.02.2010
(54) METHOD FOR MAKING A HOT ROLLED THIN CAST STRIP PRODUCT
(73) Nucor Corporation
(72) EDELMAN, Daniel, Geoffrey
KILLMORE, Christopher, Ronald
ALWIN-BECKER, Mary, E.
(31) 154233 P
(32) 20.02.2009
(33) United States of America

(51) B21B 37/16
G01B 7/06
(11) EP2864065
(21) EP13744783.5
(47) 31.10.2018
(87) IB2013001271
27.12.2013
(22) 18.06.2013
(54) APPARATUS TO DETECT THE DEFORMITY IN THICKNESS OF TUBULAR ELEMENTS AND CORRESPONDING METHOD
(73) Danieli Automation SPA
(72) DELLA VEDOVA, Ferruccio
CIANI, Lorenzo
(31) UD20120115
(32) 20.06.2012
(33) Italy

(51) B21D 5/02
B21D 43/00
B21D 43/10
(11) EP3233324
(21) EP15828476.0
(47) 31.10.2018
(87) AT2015050315
23.06.2016
(22) 11.12.2015
(54) PRODUCTION SYSTEM WITH A MANIPULATION DEVICE
(73) TRUMPF Maschinen Austria GmbH & Co. KG.
(72) KUBINGER, Rudolf
MAYRHOFER, Johann
(31) 509032014
(32) 15.12.2014
(33) Austria

(51) B21D 22/02
C21D 1/34
C21D 9/46
B21D 37/16
(11) EP2570204
(21) EP12181241.6
(47) 31.10.2018
(22) 21.08.2012
(54) Method and assembly for heating a metal circuit board
(73) Benteler Automobiltechnik GmbH
(72) Dörr, Jochen
Grewe, Jochem
Dvorak, Borek
Kout, Radovan
(31) 102011053672
(32) 16.09.2011
(33) Germany

(51) B21D 26/14
B60G 7/00
(11) EP2602033
(21) EP12195414.3
(47) 31.10.2018
(22) 04.12.2012
(54) Axle component unit
(73) GF Casting Solutions AG
(72) Löhken, Thomas
(31) 19262011
(32) 06.12.2011
(33) Switzerland

(51) B21D 28/24
B21D 28/00
C21D 1/18
C21D 9/00
C22C 38/00
C22C 38/18
(11) EP2995395
(21) EP14795101.6
(47) 31.10.2018
(87) JP2014062534
13.11.2014
(22) 09.05.2014
(54) SURFACE GRAIN REFINING HOT-SHEARING METHOD AND PRODUCT OF SURFACE GRAIN REFINING HOT-SHEARING
(73) Nippon Steel & Sumitomo Metal Corporation
(72) MATSUNO, Takashi
SEKITO, Yoshihito
SUZUKI, Tamaki
KAWASAKI, Kaoru
SETO, Atsushi
(31) 2013099243
(32) 09.05.2013
(33) Japan

(51) B21D 43/05
B65G 25/02
(11) EP2776184
(21) EP12751451.1
(47) 31.10.2018
(87) EP2012003428
16.05.2013
(22) 10.08.2012
(54) DRIVE DEVICE FOR MULTIAXIAL TRANSPORT OF WORKPIECES THROUGH SUCCESSIVE MACHINING STATIONS OF A MACHINE TOOL
(73) Schuler Pressen GmbH
(72) MÜLLER, Christian
LENDLER, Anton
(31) 102011118216
(32) 11.11.2011
(33) Germany

(51) B21F 3/00
B21F 45/00

A61B 17/00
A61B 17/12
(11) EP3110343
(21) EP15710996.8
(47) 31.10.2018
(87) US2015018074
03.09.2015
(22) 27.02.2015
(54) EMBOLIC FRAMING MICROCOILS
(73) Incumedx Inc.
(72) LE, Be, Thi
GARZA, Armando
VELASCO, Regina, Coeli
AGUILAR, Amiel, Richard
YEE, Berchell, John
MIRIGIAN, Gregory, Edwin
(31) 201461945567 P
(32) 27.02.2014
(33) United States of America

(51) B21J 1/06
B21J 13/02
B21J 13/03
(11) EP2835189
(21) EP13772997.6
(47) 31.10.2018
(87) JP2013060119
10.10.2013
(22) 02.04.2013
(54) METHOD FOR HEATING FORGING DIE DEVICE
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
(72) CHODA, Takashi
HONDA, Yukihide
ARAKI, Shigeomi
MURAKAMI, Shogo
KOJIMA, Soichiro
MOMOTA, Yusuke
(31) 2012086398
(32) 05.04.2012
(33) Japan

(51) B21J 5/12
B21J 9/02
B21J 13/02
B21K 1/30
B21K 21/12
B21K 25/00
B21J 5/00
B60B 27/00
(11) EP2902133
(21) EP15152404.8
(47) 31.10.2018
(22) 10.07.2012
(54) Wheel hub with frontal toothing
(73) Aktiebolaget SKF
(72) Olivieri, Davide Antonio
Ferrero, Alessandro
Nicastri, Fulvio
(31) TO20110704
(32) 29.07.2011
(33) Italy

(51) B21J 15/14
B64F 5/00
(11) EP3197617
(21) EP15766834.4
(47) 31.10.2018
(87) EP2015071688
31.03.2016
(22) 22.09.2015
(54) DEVICE FOR THE MANUFACTURE OF AIR PLANE STRUCTURES
(73) Broetje-Automation GmbH
(72) VARRELMANN, Nils
(31) 102014113663
(32) 22.09.2014
(33) Germany

(51) B21K 1/08
B21J 5/08
(11) EP3112047
(21) EP15755628.3
(47) 31.10.2018
(87) JP2015000807
03.09.2015
(22) 20.02.2015
(54) APPARATUS FOR FORMING A BLANK FOR FINISH FORGING FOR A FORGED CRANKSHAFT FOR A STRAIGHT-6-CYLINDER ENGINE AND METHOD FOR MANUFACTURING A FORGED CRANKSHAFT FOR A STRAIGHT-6-CYLINDER ENGINE USING THE SAME
(73) Nippon Steel & Sumitomo Metal Corporation
(72) OKUBO, Junichi
TAMURA, Kenji
YOSHIDA, Kunihiro
(31) 2014037652
(32) 28.02.2014
(33) Japan

(51) B21L 15/00
(11) EP3068559
(21) EP14825250.5
(47) 31.10.2018
(87) AT2014050271
21.05.2015
(22) 12.11.2014
(54) DEVICE FOR MACHINING AN ENDLESS BELT WITH A BELT BODY MADE OF METAL
(73) Berndorf Band GmbH
(72) SCHUSTER, Roland
(31) 507602013
(32) 14.11.2013
(33) Austria

(51) B22C 9/06
B29C 33/02
H05B 6/14
B29C 35/08
B29C 33/06
H05B 6/06
H05B 6/10
(11) EP2742773
(21) EP12744017.0
(47) 31.10.2018
(87) EP2012065734
14.02.2013
(22) 10.08.2012
(54) DEVICE FOR ADJUSTING THE QUALITY FACTOR OF AN INDUCTION HEATING SYSTEM, IN PARTICULAR A MOLD WITH SELF-CONTAINED HEATING
(73) Roctool
(72) GUICHARD, Alexandre
FEIGENBLUM, José
(31) 1157289
(32) 10.08.2011
(33) France

(51) B22C 9/20
B22C 15/24
B22C 19/02
B22D 47/02
(11) EP3030363
(21) EP14747637.8
(47) 31.10.2018
(87) EP2014066712
12.02.2015
(22) 04.08.2014
(54) METHOD AND SYSTEM FOR PRODUCING SAND MOULDS
(73) Loramendi, S.COOP.
(72) CALVO POZA, Francisco
LÓPEZ LUCAS, Raúl
ECHEVARRÍA CASTAÑO, Ignacio
EGUIDAZU ALDADUR, Ander
MARCO SERRANO, César
(31) 13382319
(32) 06.08.2013
(33) European Patent Office (EPO)

(51) B22C 21/08
B29C 33/24
B29L 31/08
B29C 33/20
(11) EP2406022
(21) EP10750445.8
(47) 31.10.2018
(87) IB2010051075
16.09.2010
(22) 12.03.2010
(54) MOULD CLAMPING SYSTEM
(73) Suzhou Red Maple Wind Blade Mould Co., Ltd
(72) MIRONOV, Gabriel
(31) 200920006580 U
200920177603 U
(32) 13.03.2009
10.09.2009
(33) China
China

(51) B22D 11/16
B22D 11/115
(11) EP3167976
(21) EP15819360.7
(47) 31.10.2018
(87) JP2015069338
14.01.2016
(22) 03.07.2015
(54) MOLTEN STEEL FLOW-STATE ESTIMATING METHOD AND FLOW-STATE ESTIMATING DEVICE
(73) JFE Steel Corporation
(72) HASHIMOTO, Yoshinari
ASANO, Kazuya
TSUDA, Kazuro
(31) 2014139302
(32) 07.07.2014
(33) Japan

(51) B22D 13/10
B22C 9/06
B22D 17/22
B22D 21/00
B22D 17/26
C22C 14/00
C22C 30/00
(11) EP3225330

(21) EP17163410.8
(47) 31.10.2018
(22) 28.03.2017
(54) MOULD FOR CASTING A CONTOURED METAL ARTICLE, IN PARTICULAR MADE FROM TIAL
(73) ACCESS e.V.
(72) SCHIEVENBUSCH, Andre
SCHIEVENBUSCH, Jan
SALBER, Roland
(31) 102016105795
(32) 30.03.2016
(33) Germany

(51) B22D 13/10
B22C 9/06
B22D 17/22
B22D 21/00
B22D 17/26
C22C 14/00
C22C 30/00
(11) EP3225331
(21) EP17163412.4
(47) 31.10.2018
(22) 28.03.2017
(54) METHOD FOR CASTING A CONTOURED METAL ARTICLE, IN PARTICULAR MADE FROM TIAL
(73) ACCESS e.V.
(72) SCHIEVENBUSCH, Andre
SCHIEVENBUSCH, Jan
SALBER, Roland
(31) 102016105795
(32) 30.03.2016
(33) Germany

(51) B22D 19/00
F02F 1/00
(11) EP2422902
(21) EP11174037.9
(47) 31.10.2018
(22) 14.07.2011
(54) Cylinder liner for insert casting use
(73) TPR Co., Ltd.
TPR Industry Co., Ltd.
(72) Horigome, Masami
Saito, Giichiro
(31) 2010188016
2011077284
(32) 25.08.2010
31.03.2011
(33) Japan
Japan

(51) B22F 3/10
B22F 1/00
B22F 3/02
B23D 61/14
B23D 65/00
B27B 5/29
B27B 33/06
C22C 1/05
C22C 19/07
C22C 29/08
C22C 32/00
B22F 3/22
B23D 61/12
C22C 1/04
B22F 5/00
(11) EP3050647
(21) EP14847207.9
(47) 31.10.2018
(87) JP2014004924
02.04.2015
(22) 25.09.2014
(54) METHOD FOR PRODUCING COBALT ALLOY MATERIAL, COBALT ALLOY MATERIAL AND CUTTING MEMBER
(73) Shimane Prefectural Government
Iwasaki Saw Filing Corporation
(72) TAKIYAMA, Naoyuki
IWASAKI, Yoshihiro
(31) 2013198949
(32) 25.09.2013
(33) Japan

(51) B22F 3/10
C04B 35/583
C04B 35/645
C22C 26/00
(11) EP2855053
(21) EP13726511.2
(47) 31.10.2018
(87) EP2013061309
05.12.2013
(22) 31.05.2013
(54) METHOD OF MAKING A CBN MATERIAL
(73) Sandvik Intellectual Property AB
(72) WEINL, Gerold
KAUPPI, Annika
MÅRTENSSON, Malin
SELINDER, Torbjörn
SHAO, Rui
(31) 201261653686 P
(32) 31.05.2012
(33) United States of America

(51) B22F 3/10
C22C 29/06
(11) EP2862650
(21) EP14172007.8
(47) 31.10.2018
(22) 11.06.2014
(54) Method of producing a sintered cermet or cemented carbide body
(73) Sandvik Intellectual Property AB
(72) Englund, Sven
Garcia, José
(31) 13174953
(32) 03.07.2013
(33) European Patent Office (EPO)

(51) B22F 3/10
C22C 33/02
(11) EP2200769
(21) EP08784502.0
(47) 31.10.2018
(87) EP2008004270
12.03.2009
(22) 29.05.2008
(54) METHOD OF PRODUCING A SINTER-HARDENED COMPONENT
(73) Miba Sinter Austria GmbH
(72) ORTH, Peter
STETINA, Gerold
(31) 13712007
(32) 03.09.2007
(33) Austria

(51) B23B 5/40
B23B 29/02
(11) EP2095896
(21) EP09002708.7
(47) 31.10.2018
(22) 25.02.2009
(54) Machine tool and workpiece inner surface machining method using the machine tool
(73) DMG MORI SEIKI CO., LTD.
(72) Kazuhiko, Oiwa
(31) 2008044180
(32) 26.02.2008
(33) Japan

(51) B23B 31/02
(11) EP1848559
(21) EP06720848.8
(47) 31.10.2018
(87) US2006005643
24.08.2006
(22) 16.02.2006
(54) SELF-CENTERING DRILL BIT CHUCK
(73) Black & Decker Inc.
(72) GIBBONS, Louis, A.
CAMPBELL, David, C.
(31) 355244
654854 P
(32) 15.02.2006
18.02.2005
(33) United States of America
United States of America

(51) B23D 61/12
(11) EP2848346
(21) EP14184484.5
(47) 31.10.2018
(22) 11.09.2014
(54) Saw band with a profiled back
(73) WIKUS-Sägenfabrik Wilhelm H. Kullmann GmbH & Co. KG
(72) Kullmann, Dr. Jörg H.
Gleim, Dr. Patrick
Siel, Christoph
(31) 102013110120
(32) 13.09.2013
(33) Germany

(51) B23K 9/12
B23K 9/127
(11) EP2663417
(21) EP12716178.4
(47) 31.10.2018
(87) AT2012050004
19.07.2012
(22) 10.01.2012
(54) METHOD OF TEACHING / CHECKING A SEQUENCE OF MOVEMENT OF A WELDING ROBOT, WELDING ROBOT AND ASSOCIATED CONTROLLER
(73) FRONIUS INTERNATIONAL GmbH
(72) ARTELSMAIR, Josef
(31) 272011
(32) 10.01.2011
(33) Austria

(51) B23K 26/08
B23K 26/24
(11) EP2701875
(21) EP12722504.3
(47) 31.10.2018
(87) IB2012000785
01.11.2012
(22) 20.04.2012
(54) LASER WELDING APPARATUS AND LASER WELDING METHOD

(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) OGURA, Shuhei
KAWAKITA, Atsushi
YUI, Toshiki
(31) 2011098801
(32) 26.04.2011
(33) Japan

(51) B23K 26/34
B22F 3/105
(11) EP2424707
(21) EP10718667.8
(47) 31.10.2018
(87) GB2010050686
04.11.2010
(22) 27.04.2010
(54) ADDITIVE LAYER FABRICATION METHOD
(73) BAE Systems PLC
(72) WESCOTT, Andrew, David
MORELAND, Benjamin, Richard
SIDHU, Jagjit
(31) 0907226
09275030
(32) 28.04.2009
28.04.2009
(33) United Kingdom
European Patent Office (EPO)

(51) B23K 35/30
C22C 38/14
C22C 38/58
B22D 11/06
B23K 9/00
B23K 35/02
C21D 8/02
B23K 101/34
(11) EP2790871
(21) EP12813741.1
(47) 31.10.2018
(87) DE2012001133
20.06.2013
(22) 15.11.2012
(54) WELDING ADDITIVE FOR ELECTRIC ARC WELDING AND LASER BEAM WELDING OF MIXED JOINS COMPOSED OF AUSTENITIC AND FERRITIC STEEL
(73) Salzgitter Flachstahl GmbH
(72) FLÜGGE, Wilko
HÖFEMANN, Matthias
SPRINGUB, Bianca
GEORGEOU, Zacharias
(31) 102011121705
(32) 12.12.2011
(33) Germany

(51) B23K 35/365
C22C 19/00
B23K 35/00
B23K 1/00
B23K 35/02
B23K 1/20
B23K 35/34
B23K 35/36
B23K 35/362
B23K 20/00
B23K 35/24
C23C 30/00
C23C 24/10
C22C 1/02
B32B 15/01
B21D 53/04
F28F 21/08
F28D 9/00
(11) EP2644312
(21) EP12161742.7
(47) 31.10.2018
(22) 28.03.2012
(54) A NOVEL BRAZING CONCEPT
(73) Alfa Laval Corporate AB
(72) Sjödin, Per

(51) B23K 103/10
F28F 19/00
F28F 19/06
B21D 53/08
B23K 1/20
B23K 35/362
B32B 15/01
C22C 21/00
C22C 21/10
F28D 1/053
B23K 1/00
F28F 19/02
F28F 21/08
F28F 1/12
(11) EP2702347
(21) EP12777643.3
(47) 31.10.2018
(87) US2012034951
01.11.2012
(22) 25.04.2012
(54) METHOD OF MAKING A HEAT EXCHANGER WITH AN ENHANCE MATERIAL SYSTEM
(73) MAHLE International GmbH
(72) WINTERSTEEN, Douglas, C.
MITTLEFEHLDT, Kurt, R.
(31) 201161478709 P
(32) 25.04.2011
(33) United States of America

(51) B23P 15/02
B22D 13/00
(11) EP3083134
(21) EP14827832.8
(47) 31.10.2018
(87) FR2014053327
25.06.2015
(22) 12.12.2014
(54) METHOD FOR PRODUCING TURBINE ENGINE PARTS, AND RESULTING MOULD AND BLANK COMPRISING STACKED PARTS
(73) Safran Aircraft Engines
(72) HUCHIN, Patrick, Emilien, Paul, Emile
DESCHANDOL, Karine
DIGARD BROU DE CUISSART, Sébastien
FARGEAS, Serge
SOISSON, Marc
TEXIER, Anthony
PIATON, Valéry
(31) 1363346
(32) 20.12.2013
(33) France

(51) B23P 15/02
B22D 13/00
(11) EP3083132
(21) EP14827811.2
(47) 31.10.2018
(87) FR2014053240
25.06.2015
(22) 09.12.2014
(54) METHOD FOR PRODUCING TURBINE ENGINE PARTS, AND RESULTING BLANK AND MOULD
(73) Safran Aircraft Engines
(72) HUCHIN, Patrick, Emilien, Paul, Emile
DESCHANDOL, Karine
DIGARD BROU DE CUISSART, Sébastien
FARGEAS, Serge
SOISSON, Marc
TEXIER, Anthony
PIATON, Valéry
(31) 1363347
(32) 20.12.2013
(33) France

(51) B23Q 3/155
B23Q 3/157
(11) EP2750828
(21) EP12751550.0
(47) 31.10.2018
(87) EP2012067026
07.03.2013
(22) 31.08.2012
(54) SYSTEM FOR CHANGING TOOLS ON A MACHINE TOOL
(73) DECKEL MAHO Pfronten GmbH
(72) JUNG, Robert
(31) 102011082050
(32) 02.09.2011
(33) Germany

(51) B24B 7/24
B24B 23/00
B24B 1/00
B24B 37/04
B24B 57/02
(11) EP2167278
(21) EP08771604.9
(47) 31.10.2018
(87) US2008067684
29.01.2009
(22) 20.06.2008
(54) SCRATCH REMOVAL DEVICE AND METHOD
(73) TCGI (Jersey) Ltd.
(72) THOMAS, Jonathan, P.
BEVERIDGE, Keith, A.
OLSON, Chad, J.
(31) 937248 P
(32) 25.06.2007
(33) United States of America

(51) B24B 49/10
B23F 5/04
B23F 23/00
B23F 23/12
(11) EP2484490
(21) EP09849822.3
(47) 31.10.2018
(87) JP2009066769
31.03.2011
(22) 28.09.2009
(54) DEVICE FOR PHASING THREADED GRINDING STONE
(73) Mitsubishi Heavy Industries Machine Tool Co., Ltd.
(72) YANASE Yoshikoto
ISHIZU Kazuyuki
TANI Tomohito

(51) B24B 49/10
B23F 5/04
B23F 23/00
B23F 23/12
(11) EP2484489
(21) EP09849821.5
(47) 31.10.2018
(87) JP2009066761
31.03.2011
(22) 28.09.2009
(54) METHOD OF PHASING THREADED GRINDING STONE, AS WELL AS DEVICE THEREFOR
(73) Mitsubishi Heavy Industries Machine Tool Co., Ltd.
(72) YANASE Yoshikoto
ISHIZU Kazuyuki
TANI Tomohito

(51) B24B 53/075
B23F 23/12
(11) EP2484492
(21) EP09850029.1
(47) 31.10.2018
(87) JP2009066951
07.04.2011
(22) 29.09.2009
(54) GEAR GRINDING MACHINE
(73) Mitsubishi Heavy Industries Machine Tool Co., Ltd.
(72) OCHI Masashi
YANASE Yoshikoto

(51) B25B 13/06
B25B 13/48
B25B 21/00
B25B 23/00
B25B 23/14
(11) EP2383074
(21) EP11163173.5
(47) 31.10.2018
(22) 20.04.2011
(54) Fastening tool
(73) Subaru Corporation
(72) Saito, Manabu
Nakahata, Tatsuo
Takahashi, Hideharu
(31) 2010103445
(32) 28.04.2010
(33) Japan

(51) B25B 21/00
F01D 25/28
B25B 13/10
B25B 13/48
F02C 7/20
(11) EP2844846
(21) EP13725408.2
(47) 31.10.2018
(87) FR2013050976
07.11.2013
(22) 02.05.2013
(54) TOOL FOR LOOSENING A CONNECTING NUT OF A ROTOR OF A MODULE FOR A GAS-TURBINE ENGINE
(73) Safran Aircraft Engines
(72) TAILPIED, Fabrice
(31) 1254027
(32) 02.05.2012
(33) France

(51) B25B 23/00
B25B 21/00
B25B 23/14
B25B 23/18
B25F 3/00
B23P 19/06
E01B 29/28
(11) EP2890523
(21) EP13779721.3
(47) 31.10.2018
(87) DE2013000490
06.03.2014
(22) 26.08.2013
(54) DEVICE FOR SCREWING AND UNSCREWING BOLTS AND SCREWS BY MEANS OF A MOTOR-DRIVEN SCREWDRIVING TOOL
(73) GEDORE Torque Solutions GmbH
(72) GAREIS, Marc
JÄKEL, Thomas
(31) 102012017271
(32) 31.08.2012
(33) Germany

(51) B25D 9/12
B25D 9/26
E21B 44/00
E21B 6/00
E21B 1/38
E21B 4/06
(11) EP3215704
(21) EP15812946.0
(47) 31.10.2018
(87) EP2015002204
12.05.2016
(22) 04.11.2015
(54) DRILLING RAM DEVICE
(73) TRACTO-TECHNIK GmbH & Co. KG
(72) PÜTTMANN, Franz-Josef
SAMADRAXHA, Sadri
(31) 102014016154
(32) 04.11.2014
(33) Germany

(51) B25F 5/00
(11) EP3308908
(21) EP17195052.0
(47) 31.10.2018
(22) 05.10.2017
(54) ELECTRIC POWER TOOL AND METHOD OF DETECTING TWISTED-MOTION OF MAIN BODY OF ELECTRIC POWER TOOL AND DETECTING LOAD ON OUTPUT SHAFT OF ELECTRIC POWER TOOL
(73) Makita Corporation
(72) UMEMOTO, Ryo
YAMAMOTO, Hirokatsu
SHIMA, Kunihisa
(31) 2016199174
(32) 07.10.2016
(33) Japan

(51) B25H 1/02
(11) EP3235605
(21) EP17161066.0
(47) 31.10.2018
(22) 15.03.2017
(54) ASSEMBLY WORKSTATION WITH POSITION DETERMINATION DEVICE
(73) Robert Bosch GmbH
(72) Nowak, Rene
(31) 102016206529
(32) 19.04.2016
(33) Germany

(51) B25H 3/02
(11) EP3285974
(21) EP15744536.2
(47) 31.10.2018
(87) EP2015066975
02.02.2017
(22) 24.07.2015
(54) STORAGE CONTAINER
(73) TTS Tooltechnic Systems AG & Co. KG
(72) WOLLE, Lutz
BARABEISCH, Markus

(51) B25J 5/02
B25J 9/00
B05B 13/02
B05B 13/04
B25J 11/00
(11) EP2892693
(21) EP13759520.3
(47) 31.10.2018
(87) EP2013068616
13.03.2014
(22) 09.09.2013
(54) FACILITY FOR SPRAYING A COATING MATERIAL
(73) SAMES KREMLIN
(72) LETARD, François
BALLU, Patrick
(31) 1258466
(32) 10.09.2012
(33) France

(51) B25J 9/16
(11) EP2492062
(21) EP12153415.0
(47) 31.10.2018
(22) 01.02.2012
(54) Industrial robot
(73) KUKA Deutschland GmbH
(72) Sedlmayr, Andreas
(31) 102011003506
(32) 02.02.2011
(33) Germany

(51) B25J 15/00
(11) EP3055107
(21) EP14782015.3
(47) 31.10.2018
(87) US2014056754
16.04.2015
(22) 22.09.2014
(54) PICK UP AND PLACEMENT TOOLS FOR ITEMS
(73) NIKE Innovate C.V.
(72) OU, Feng-Ming
HSING, Yu-Hsi
YANG, Chia-Chi
(31) 201314049903
(32) 09.10.2013
(33) United States of America

(51) B26B 21/22
B26B 21/52
(11) EP2900437
(21) EP13840539.4
(47) 31.10.2018
(87) US2013052095
03.04.2014

(22) 25.07.2013
(54) SHAVING SYSTEMS
(73) Shavelogic, Inc.
(72) GRIFFIN, John, W.
PROVOST, Craig, A.
TUCKER, William, E.
(31) 201261706523 P
201313929340
(32) 27.09.2012
27.06.2013
(33) United States of America
United States of America

(51) B26B 21/52
(11) EP2879845
(21) EP13750777.8
(47) 31.10.2018
(87) US2013053361
06.02.2014
(22) 02.08.2013
(54) CONNECTION BETWEEN SHAVING HANDLE AND HEAD
(73) The Gillette Company LLC
(72) SZCZEPANOWSKI, Andrew, Anthony
WINTER, Florina
FANG, Dong
(31) 201261679471 P
(32) 03.08.2012
(33) United States of America

(51) B26B 21/52
B26B 21/22
(11) EP3022022
(21) EP14739408.4
(47) 31.10.2018
(87) EP2014064943
22.01.2015
(22) 11.07.2014
(54) RAZOR HAVING FREE MOVABILITY OF THE RAZOR HEAD
(73) Beiersdorf AG
(72) GERS-BARLAG, Heinrich
NEUMANN, Yvonne
(31) 102013213881
(32) 16.07.2013
(33) Germany

(51) B26B 25/00
A22C 17/12
A22B 5/16
F16H 1/14
(11) EP2736683
(21) EP12817811.8
(47) 31.10.2018
(87) US2012046599
31.01.2013
(22) 13.07.2012
(54) POWER OPERATED ROTARY KNIFE
(73) Bettcher Industries, Inc.
(72) WHITED, Jeffrey, A.
MASCARI, Nicholas, A.
(31) 201113189925
(32) 25.07.2011
(33) United States of America

(51) B26D 7/00
B65H 18/00
B26D 7/18
B26D 7/02
(11) EP2928652
(21) EP13859846.1
(47) 31.10.2018
(87) DK2013000053
12.06.2014
(22) 28.08.2013
(54) METHOD AND DEVICE FOR CONVEYING POLYMERIC OBLATES TO CASTING MACHINES
(73) RPC SUPERFOS A/S
(72) DJERNÆS, Søren
(31) 201200775
(32) 07.12.2012
(33) Denmark

(51) B27B 5/29
B23D 47/02
(11) EP3192621
(21) EP17152066.1
(47) 31.10.2018
(22) 18.01.2017
(54) MITER SAW
(73) TTI (Macao Commercial Offshore) Limited
(72) KNIGHT, Walter
(31) 201614997875
201615006310
(32) 18.01.2016
26.01.2016
(33) United States of America
United States of America

(51) B27B 19/00
F16H 21/52
B23Q 5/027
B24B 23/04
B25F 5/00
B23D 51/16
(11) EP3075502
(21) EP14866772.8
(47) 31.10.2018
(87) CN2014092377
04.06.2015
(22) 27.11.2014
(54) OSCILLATING POWER TOOL
(73) Positec Power Tools (Suzhou) Co., Ltd
(72) QIAN, Fu
ZHONG, Hongfeng
ZHANG, Shisong
(31) 201310629047
201410273956
(32) 29.11.2013
18.06.2014
(33) China
China

(51) B27K 5/06
B27K 3/36
B27K 3/15
C08L 83/02
(11) EP2707184
(21) EP12782427.4
(47) 31.10.2018
(87) IB2012000915
15.11.2012
(22) 10.05.2012
(54) A PROCESS FOR THE TREATMENT OF WOOD COMPRISING IMPREGNATING WITH CITRIC ACID FOLLOWED BY CURING AT HIGH TEMPERATURE.
(73) Stora Enso Oyj
(72) MAYES, Duncan
PYNNONEN, Janne
(31) 1150416
1150417
(32) 10.05.2011
10.05.2011
(33) Sweden
Sweden

(51) B27N 1/00
B27N 3/00
B27N 3/02
B32B 21/02
B32B 21/08
B27N 7/00
B27N 3/06
(11) EP3170636
(21) EP16197984.4
(47) 31.10.2018
(22) 09.11.2016
(54) COMPOSITE WOOD PANEL MADE FROM A WOOD-PLASTIC COMPOSITE MATERIAL AND ISOCYANATE, AND A METHOD FOR THEIR PREPARATION
(73) Flooring Technologies Ltd.
(72) HECHT, Hendrik
KALWA, Norbert
(31) 102015119546
(32) 12.11.2015
(33) Germany

(51) B28B 3/02
B28B 7/00
B28B 17/00
B30B 15/02
(11) EP2897771
(21) EP13792449.4
(47) 31.10.2018
(87) IB2013058300
27.03.2014
(22) 05.09.2013
(54) PRESSING PUNCH FOR THE PRODUCTION OF TILES AND THE LIKE AND METHOD FOR EXTRACTING A THIN PLATE OF A PRESSING PUNCH
(73) Martinelli Ettore s.r.l.
(72) SILVESTRINI, Luciano
MARTINELLI, Paola
(31) MI20121577
(32) 21.09.2012
(33) Italy

(51) B28B 11/08
B28B 11/16
B26F 3/00
B24C 1/04
B28B 11/12
B28B 17/00
B26D 3/08
(11) EP2937194
(21) EP15164046.3
(47) 31.10.2018
(22) 17.04.2015
(54) METHOD AND FACILITY FOR CUTTING A CONCRETE PRODUCT
(73) Elematic Oyj
(72) Kankkunen, Heikki
(31) 20145371
(32) 22.04.2014
(33) Finland

(51) B28B 23/00
E04G 21/14
(11) EP1555100
(21) EP05300033.7
(47) 31.10.2018

(22) 14.01.2005
(54) Manufacturing method for prestressed concrete hollow slabs and slabs obtained by that method
(73) Groupe Soprel
(72) Jabbour, Adel
(31) 0400341
(32) 15.01.2004
(33) France

(51) B28D 5/00
B28D 5/04
B23Q 17/09
(11) EP3049223
(21) EP14776619.0
(47) 31.10.2018
(87) EP2014070267
02.04.2015
(22) 23.09.2014
(54) CUTTING PROCESS AND CUTTING DEVICE BY WIRE OF A MATERIAL
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) SILLARD, Léo
GARANDET, Jean-Paul
PENOT, Jean-Daniel
(31) 1359194
(32) 24.09.2013
(33) France

(51) B29B 7/86
B29B 7/90
B29B 7/92
B29B 9/06
B29B 9/14
B29C 47/10
B29C 47/60
B29B 7/40
B29B 7/44
B29B 9/16
B29K 511/10
B29K 311/10
(11) EP2890539
(21) EP12883637.6
(47) 31.10.2018
(87) FI2012050822
06.03.2014
(22) 28.08.2012
(54) METHOD FOR MANUFACTURING A COMPOSITE PRODUCT, AND COMPOSITE PRODUCT SO PRODUCED
(73) UPM-Kymmene Corporation
(72) KOSONEN, Harri
LUUKKO, Kari
TURUNEN, Sami
SALMINEN, Jere
FORS, Stefan
MYLLYTIE, Petri

(51) B29B 11/14
B29C 49/42
B29C 49/78
B65D 1/02
B29B 11/08
(11) EP2522479
(21) EP11165243.4
(47) 31.10.2018
(22) 09.05.2011
(54) Plastic prefom or container with a recessed orientation slot, process of manufacturing a rigid container, process for angularly orienting a preform and process of detecting the orientation of a preform
(73) Plastipak BAWT S.à.r.l.
(72) Van Dijck, Sam
Balemans, Franciscus

(51) B29B 15/10
B29C 70/54
(11) EP2978577
(21) EP14714625.2
(47) 31.10.2018
(87) EP2014055750
02.10.2014
(22) 21.03.2014
(54) METHOD AND APPARATUS FOR IMPREGNATING SEMI-FINISHED FIBROUS PRODUCTS
(73) Universität Stuttgart
(72) FALK, Gerd
BLANDL, Markus
(31) 102013205685
(32) 28.03.2013
(33) Germany

(51) B29C 33/44
B29C 33/38
B29C 70/06
B64F 5/00
B29C 33/48
B64C 1/06
B64F 5/10
B29C 70/44
B29L 31/30
(11) EP2517858
(21) EP10838938.8
(47) 31.10.2018
(87) JP2010007392
30.06.2011
(22) 21.12.2010
(54) ASSEMBLING METHOD OF A MANDREL USED FOR MANUFACTURING A COMPOSITE MATERIAL STRUCTURE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) SANA, Toshikazu
TAMURA, Naoki
TAKAHASHI, Tomoya
TAKECHI, Toshiaki
(31) 2009295576
(32) 25.12.2009
(33) Japan

(51) B29C 33/48
B29C 33/38
B29C 70/06
B64F 5/00
B64F 5/10
B29C 70/44
B29L 31/30
(11) EP2517859
(21) EP10838939.6
(47) 31.10.2018
(87) JP2010007393
30.06.2011
(22) 21.12.2010
(54) DISASSEMBLING METHOD OF A MANDREL USED FOR MANUFACTURING A COMPOSITE MATERIAL STRUCTURE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) SANA, Toshikazu
TAMURA, Naoki
TAKAHASHI, Tomoya
(31) 2009295577
(32) 25.12.2009
(33) Japan

(51) B29C 35/08
B29C 64/135
B29C 64/20
B33Y 10/00
B33Y 30/00
B65D 47/06
B65D 6/00
B29C 31/02
(11) EP3154761
(21) EP15731194.5
(47) 31.10.2018
(87) US2015035069
17.12.2015
(22) 10.06.2015
(54) IMPROVED RESIN CONTAINER FOR STEREOLITHOGRAPHY
(73) Formlabs, Inc.
(72) LIVINGSTON, Jason
RECHES, Yoav
(31) 201462010228 P
(32) 10.06.2014
(33) United States of America

(51) B29C 43/24
B32B 37/00
B32B 37/15
(11) EP3157723
(21) EP15741236.2
(47) 31.10.2018
(87) GB2015000190
23.12.2015
(22) 19.06.2015
(54) APPARATUS AND METHOD FOR LAMINATION
(73) Elopak AS
(72) BOLLEMAN, Nicolaas Jan
BURROWS, Anthony Gregory
(31) 201410964
(32) 19.06.2014
(33) United Kingdom

(51) B29C 45/14
(11) EP2618982
(21) EP11826278.1
(47) 31.10.2018
(87) CA2011050580
29.03.2012
(22) 21.09.2011
(54) COINJECTION HOT RUNNER INJECTION MOLDING SYSTEM
(73) Mold-Masters (2007) Limited
(72) TEN, Valery
FAIRY, Fabrice
BABIN, Denis
GAMMON, Scott
(31) 405949 P
391412 P
384984 P
(32) 22.10.2010
08.10.2010
21.09.2010
(33) United States of America
United States of America
United States of America

(51) B29C 45/14

B29C 31/00
B29C 47/00
B25H 1/10
B60J 10/23
B29C 65/00
B25J 9/00
B29C 45/00
B29L 31/26
B29L 31/00
(11) EP3243627
(21) EP16382264.6
(47) 31.10.2018
(22) 09.06.2016
(54) SYSTEM AND METHOD FOR LOADING PROFILES FOR THE ATTACHMENT OF THE ENDS THEREOF
(73) CQLT SaarGummi Technologies S.à.r.l.
(72) JIMÉNEZ GRADILLAS, Álvaro
GARCÍA GISMERO, Ángel Emilio

(51) B29C 45/16
B29C 45/00
B29L 31/00
(11) EP3173206
(21) EP16198567.6
(47) 31.10.2018
(22) 14.11.2016
(54) METHOD FOR PRODUCING A HOUSEHOLD DEVICE COMPONENT AS A THICK WALL COMPONENT AND HOUSEHOLD DEVICE COMPONENT
(73) BSH Hausgeräte GmbH
(72) Furth, Brigitte
Lux, Denis
Claaß, Elena
Fink, Andrea
Holt, Sven
(31) 102015223582
(32) 27.11.2015
(33) Germany

(51) B29C 45/16
B29C 45/14
(11) EP3130442
(21) EP15180583.5
(47) 31.10.2018
(22) 11.08.2015
(54) PLASTIC INJECTION DEVICE AND METHOD FOR MANUFACTURING PLASTIC PARTS
(73) The Procter & Gamble Company
(72) Kotitschke, Jörg
Reuschenbach, Andreas

(51) B29C 45/28
(11) EP3231574
(21) EP17164651.6
(47) 31.10.2018
(22) 03.04.2017
(54) GUIDE BUSHING FOR AN INJECTION MOULDING APPARATUS
(73) GÜNTHER Heisskanaltechnik GmbH
(72) GÜNTHER, Herbert
SOMMER, Siegrid
SCHNELL, Torsten
(31) 102016106745
(32) 12.04.2016
(33) Germany

(51) B29C 45/30
B29C 45/20
B29C 45/76
(11) EP2101978
(21) EP07855610.7
(47) 31.10.2018
(87) CA2007002328
26.06.2008
(22) 21.12.2007
(54) INJECTION MOLDING APPARATUS
(73) Mold-Masters (2007) Limited
(72) FAIRY, Fabrice
KUDCHADKAR, Vijay
(31) 871193 P
(32) 21.12.2006
(33) United States of America

(51) B29C 45/73
B29C 35/00
(11) EP3173208
(21) EP16199594.9
(47) 31.10.2018
(22) 18.11.2016
(54) TEMPERING DEVICE
(73) ENGEL AUSTRIA GmbH
(72) Balka, Christoph
(31) 510202015
(32) 27.11.2015
(33) Austria

(51) B29C 45/76
B29K 67/00
B29K 105/26
G01N 11/08
G01N 33/44
B29B 13/00
B29B 17/00
B29C 31/00
B29C 31/08
B29C 49/06
B65B 3/02
(11) EP2447036
(21) EP11173268.1
(47) 31.10.2018
(22) 08.07.2011
(54) Method and assembly for continuous manufacturing of preforms
(73) Krones AG
(72) Forsthövel, Jochen
(31) 102010042958
(32) 26.10.2010
(33) Germany

(51) B29C 47/00
B29C 47/36
B29C 47/60
B29C 47/68
B29C 47/80
B29C 47/88
(11) EP3231575
(21) EP17000504.5
(47) 31.10.2018
(22) 27.03.2017
(54) METHOD AND DEVICE FOR PRODUCING A PRODUCT MADE OF A THERMOPLASTIC MATERIAL BY EXTRUSION
(73) SML Maschinengesellschaft m.b.H.
(72) Hörlesberger, Roland
Kritzinger, Martin
Dröge, Berthold
(31) 102016004617
(32) 13.04.2016
(33) Germany

(51) B29C 47/06
B29C 47/10
B29C 47/70
B82Y 30/00
B29C 47/40
B29K 105/16
(11) EP2900451
(21) EP13759769.6
(47) 31.10.2018
(87) EP2013068849
03.04.2014
(22) 11.09.2013
(54) PROCESS FOR PRODUCING A THERMOPLASTIC COMPOSITE MATERIAL REINFORCED WITH CARBON NANOTUBES
(73) PSA Automobiles SA
Conservatoire National des Arts et Métiers
(72) DELALANDE, Stephane
FROMONTEIL, Didier
GUINAULT, Alain
SOLLOGOUB, Cyrille
MIQUELARD-GARNIER, Guillaume
(31) 1259010
(32) 26.09.2012
(33) France

(51) B29C 47/08
B29C 47/60
F16D 1/10
B29C 47/40
B29C 47/64
(11) EP2750857
(21) EP12756686.7
(47) 31.10.2018
(87) EP2012066937
07.03.2013
(22) 31.08.2012
(54) EXTRUDER SCREW, EXTRUDER, AND METHOD FOR PRODUCING AN EXTRUDER SCREW
(73) KraussMaffei Berstorff GmbH
(72) BEHLING, Michael
(31) 102011112148
(32) 01.09.2011
(33) Germany

(51) B29C 47/10
B29C 47/36
C08J 11/10
(11) EP3178628
(21) EP16199278.9
(47) 31.10.2018
(22) 17.11.2016
(54) METHOD AND DEVICE FOR MANUFACTURING A MODIFIED RUBBER MIXTURE
(73) Continental Reifen Deutschland GmbH
(72) Naik, Shreyas
Schramm, Oliver
Müller, Matthias-Stephan
Hallmann, Steffen
Minx, Carsten
(31) 102015224957
(32) 11.12.2015
(33) Germany

(51) B29C 49/06
B29C 33/30
B29C 49/42
B29C 49/48

B29C 49/28
B29C 31/00
(11) EP2918391
(21) EP15158527.0
(47) 31.10.2018
(22) 10.03.2015
(54) DEVICE AND METHOD FOR REFORMING PLASTIC PRE-FORMS INTO PLASTIC CONTAINERS WITH AUTOMATIC CHANGING DEVICE FOR FITTING SECTIONS
(73) Krones AG
(72) Voth, Klaus
Schönberger, Wolfgang
(31) 102014103159
(32) 10.03.2014
(33) Germany

(51) B29C 49/18
B29C 49/16
B29C 49/78
B29C 49/66
(11) EP2205425
(21) EP08858673.0
(47) 31.10.2018
(87) FR2008001326
18.06.2009
(22) 24.09.2008
(54) METHOD FOR MAKING CONTAINERS COMPRISING AN INTERMEDIATE DEPRESSURISING OPERATION
(73) Sidel Participations
(72) DERRIEN, Mikaël
PROTAIS, Pierrick
(31) 0706670
(32) 24.09.2007
(33) France

(51) B29C 49/46
B29C 49/08
B29C 49/12
B29L 22/00
B29C 49/58
B29D 22/00
B65B 3/02
B29C 49/06
B29C 49/42
B29C 49/78
(11) EP2799208
(21) EP12863163.7
(47) 31.10.2018
(87) JP2012007590
04.07.2013
(22) 27.11.2012
(54) BLOW-MOLDING DEVICE AND PRODUCTION METHOD FOR CONTAINER
(73) Discma AG
(72) SATO, Sumito
TAMURA, Nobuyuki
NAGASHIMA, Takeshi
(31) 2011285664
2012018599
2012081152
(32) 27.12.2011
31.01.2012
30.03.2012
(33) Japan
Japan
Japan

(51) B29C 49/46
B29C 49/36
B29L 31/00
B29C 49/02
B29C 49/06
B29C 49/12
(11) EP3227085
(21) EP15804621.9
(47) 31.10.2018
(87) IB2015059154
09.06.2016
(22) 26.11.2015
(54) A PRODUCTION APPARATUS OF STERILE RECEPTACLES, A BOTTLING PLANT COMPRISING THE APPARATUS AND A PRODUCTION METHOD OF A STERILE RECEPTACLE
(73) Gea Procomac S.p.A.
(72) PAGLIARINI, Paolo
CASAPPA, Luigi
(31) PR20140078
(32) 01.12.2014
(33) Italy

(51) B29C 59/00
C08J 7/04
(11) EP3131735
(21) EP14889450.4
(47) 31.10.2018
(87) US2014034253
22.10.2015
(22) 15.04.2014
(54) METHODS AND SYSTEMS FOR INCREASING SURFACE SMOOTHNESS OF THREE-DIMENSIONAL PRINTED ARTICLE
(73) Empire Technology Development LLC
(72) MILLER, Seth, Adrian

(51) B29C 63/14
B29C 65/02
B32B 7/00
B32B 27/06
F16L 13/02
F16L 25/01
F16L 53/37
F16L 58/18
F16L 59/20
B29L 23/00
B29K 105/06
B29K 307/04
(11) EP3080503
(21) EP14821780.5
(47) 31.10.2018
(87) FR2014053126
18.06.2015
(22) 02.12.2014
(54) COMPOSITE STRIP, AND METHODS FOR FORMING A JUNCTION BETWEEN TWO CONDUITS
(73) Total SA
(72) LEWANDOWSKI, Alexandre
REY-BETHBEDER, Franck
DELAPORTE, Dominique
LECHON, Alain
GELI, Maurice
BUZARÉ, Yann
(31) 1362506
(32) 12.12.2013
(33) France

(51) B29C 64/153
B29C 64/386
B22F 3/105
(11) EP3083203
(21) EP14823979.1
(47) 31.10.2018
(87) EP2014078598
25.06.2015
(22) 18.12.2014
(54) METHOD FOR ADDITIVE MANUFACTURING
(73) ARCAM AB
(72) ELFSTRÖM, Isak
FAGER, Mattias
HELLESTAM, Calle
(31) 201361919090 P
201414547538
(32) 20.12.2013
19.11.2014
(33) United States of America
United States of America

(51) B29C 64/386
B29C 64/30
B29C 64/393
B29C 64/245
B29C 64/118
H04N 1/047
B33Y 30/00
B33Y 40/00
(11) EP3100845
(21) EP16167714.1
(47) 31.10.2018
(22) 29.04.2016
(54) ALIGNING MECHANISM OF 3D PRINTER SCANNING DEVICE
(73) XYZprinting, Inc.
Kinpo Electronics, Inc.
(72) LEE, Yang-Teh
JUANG, Jia-Yi
LIU, Jen-Hsiang
WU, Chi-Chieh
CHIU, Yi-Min
(31) 201510292835
(32) 01.06.2015
(33) China

(51) B29C 65/02
B29C 65/08
B29C 65/10
B65D 35/12
(11) EP3055121
(21) EP14781131.9
(47) 31.10.2018
(87) EP2014070897
16.04.2015
(22) 30.09.2014
(54) DEVICE AND METHOD FOR SEALING TWO PARTIALLY OVERLAPPING PACKAGING PARTS IN A FLUID-TIGHT MANNER
(73) SIG Technology AG
(72) RÜEGG, Martin
(31) 102013111230
(32) 11.10.2013
(33) Germany

(51) B29C 65/48
A41D 27/24
A41H 43/04
B29C 65/00

(11) EP2525970
(21) EP11735299.7
(47) 31.10.2018
(87) US2011022230
28.07.2011
(22) 24.01.2011
(54) WATERPROOF GARMENT WITH INVISIBLE BARRIER SEAM
(73) Cohesive Systems LLC
(72) GALLAGHER, Joseph, E.
(31) 301366 P
297477 P
(32) 04.02.2010
22.01.2010
(33) United States of America
United States of America

(51) B29C 67/00
(11) EP2782743
(21) EP12809093.3
(47) 31.10.2018
(87) DE2012001114
30.05.2013
(22) 22.11.2012
(54) SYSTEM FOR PRODUCING THREE-DIMENSIONAL MODELS
(73) Voxeljet AG
(72) EDERER, Ingo
HARTMANN, Andreas Dominik
GÜNTHER, Daniel
(31) 102011119338
(32) 26.11.2011
(33) Germany

(51) B29C 67/00
(11) EP3094475
(21) EP14878848.2
(47) 31.10.2018
(87) US2014013511
23.07.2015
(22) 29.01.2014
(54) THREE-DIMENSIONAL (3D) PRINTING METHOD AND A THREE-DIMENSIONAL PRINTED OBJECT
(73) Hewlett-Packard Development Company, L.P.
(72) GANAPATHIAPPAN, Sivapackia
TOM, Howard S.
NG, Hou T.
(31) PCT/EP2014/050841
(32) 16.01.2014
(33) World Intellectual Property Office (WIPO)

(51) B29C 67/00
C08L 83/04
C08L 83/14
(11) EP3245047
(21) EP17700273.0
(47) 31.10.2018
(87) EP2017050426
20.07.2017
(22) 10.01.2017
(54) CROSS-LINKABLE SILICONE COMPOSITIONS FOR PRODUCING HIGHLY TRANSPARENT MOLDED PARTS BY MEANS OF BALLISTIC METHODS
(73) Wacker Chemie AG
(72) ACHENBACH, Frank
SELBERTINGER, Ernst
(31) PCT/EP2016/050405
(32) 11.01.2016
(33) World Intellectual Property Office (WIPO)

(51) B29C 70/54
B29C 70/38
B29D 99/00
(11) EP3003696
(21) EP14731547.7
(47) 31.10.2018
(87) EP2014001454
04.12.2014
(22) 28.05.2014
(54) ROTOR BLADE MANUFACTURING ARRANGEMENT
(73) Siemens Aktiengesellschaft
(72) SCHIBSBYE, Karsten
(31) 13170098
(32) 31.05.2013
(33) European Patent Office (EPO)

(51) B29C 73/00
(11) EP2271480
(21) EP09739806.9
(47) 31.10.2018
(87) US2009042315
05.11.2009
(22) 30.04.2009
(54) SEALANT MATERIAL COMPOSITION, SELF-SEALING PNEUMATIC TIRE, AND PREPARATION THEREOF
(73) Continental Tire The Americas, LLC
(72) WILSON, Joshua, L.
(31) 114369
(32) 02.05.2008
(33) United States of America

(51) B29D 11/00
(11) EP3259118
(21) EP16716268.4
(47) 31.10.2018
(87) GB2016050996
13.10.2016
(22) 11.04.2016
(54) A TRAY FOR USE IN MANUFACTURING CONTACT LENSES
(73) CooperVision International Holding Company, LP
(72) GIBSON, John Robert
PAYNE, Geoffrey Douglas Sydney
(31) 201506031
(32) 09.04.2015
(33) United Kingdom

(51) B29D 29/08
B29D 29/06
B29C 43/22
B29C 43/26
B29C 43/28
B29C 43/46
B29C 43/48
B32B 37/04
B32B 37/10
B32B 37/15
B32B 37/16
B29L 29/00
B29L 31/00
(11) EP2987629
(21) EP15184723.3
(47) 31.10.2018
(22) 14.12.2012
(54) METHOD OF MAKING OPEN-ENDED THERMOPLASTIC BELTING
(73) Gates Corporation
(72) KNOX, John Graeme
PASCH, Lambert
SCHARR, Mark William
(31) 201161570815 P
(32) 14.12.2011
(33) United States of America

(51) B29D 30/30
B60C 9/22
(11) EP2735434
(21) EP12823565.2
(47) 31.10.2018
(87) JP2012061108
21.02.2013
(22) 25.04.2012
(54) METHOD FOR MANUFACTURING PNEUMATIC TIRE
(73) Sumitomo Rubber Industries, Ltd.
(72) SAKAMOTO Masayuki
NAKAMURA Akihiro
HAYASAKI Naoki
TANAKA Keiji
(31) 2011178811
(32) 18.08.2011
(33) Japan

(51) B29D 30/72
B32B 33/00
B60C 13/00
(11) EP3235633
(21) EP17154728.4
(47) 31.10.2018
(22) 06.02.2017
(54) METHOD FOR PRODUCING A VEHICLE TYRE
(73) Continental Reifen Deutschland GmbH
(72) Schramm, Oliver
Liu, Fei
(31) 102016206556
(32) 19.04.2016
(33) Germany

(51) B29D 99/00
B66C 23/64
B29C 63/26
B23K 37/00
B29C 37/00
(11) EP2757066
(21) EP13152183.3
(47) 31.10.2018
(22) 22.01.2013
(54) Method for producing a supporting structure
(73) TRUMPF Werkzeugmaschinen GmbH + Co. KG
Trumpf Sachsen GmbH
(72) Harnisch, Gunter
Knobel Carsten
Haas Wilfried
Wolfrum Matthias
Wunderlich Tom
Herbst Jörg
Schütze Eckart
Schütze Martin
Schütze Rainer

(51) B29K 705/00
B29L 31/00
B29C 45/14
G04B 19/04
G04B 1/00
G04B 1/12

G04B 19/20
(11) EP2259157
(21) EP10180522.4
(47) 31.10.2018
(22) 09.07.2003
(54) CLOCKWORK FOR WRISTWATCH
(73) LVMH Swiss Manufactures SA
(72) Ruchonnet, Jean-François
(31) 11882002
(32) 09.07.2002
(33) Switzerland

(51) B30B 3/04
B02C 4/02
B02C 4/28
(11) EP2560810
(21) EP11708465.7
(47) 31.10.2018
(87) EP2011053925
27.10.2011
(22) 16.03.2011
(54) MACHINE FRAME FOR A ROLLER PRESS
(73) KHD Humboldt Wedag GmbH
(72) FRANGENBERG, Meinhard
(31) 102010015374
(32) 20.04.2010
(33) Germany

(51) B30B 9/20
A01C 3/00
B01D 33/052
B30B 15/30
B30B 9/26
F26B 25/20
F26B 5/14
F26B 17/28
(11) EP2477806
(21) EP10814857.8
(47) 31.10.2018
(87) CA2010001425
17.03.2011
(22) 14.09.2010
(54) LIQUID SEPARATING DEVICE
(73) GEA Houle Inc.
(72) COURTEMANCHE, Alain
DESROCHERS, Yann
BRISSON, Jérôme
ST-ONGE, Stéphane
(31) 2678834
(32) 14.09.2009
(33) Canada

(51) B31B 50/16
B31B 105/00
A24F 15/00
B65D 85/10
B65D 5/66
(11) EP2925514
(21) EP13814445.6
(47) 31.10.2018
(87) EP2013075166
05.06.2014
(22) 29.11.2013
(54) A METHOD FOR PRODUCING PACKAGING BLANKS FOR CONSUMER GOODS
(73) Philip Morris Products S.A.
(72) BEUTLER, Mathias
(31) 12194856
(32) 29.11.2012
(33) European Patent Office (EPO)

(51) B31F 1/10
B31B 50/25
(11) EP2849936
(21) EP13717955.2
(47) 31.10.2018
(87) EP2013058130
21.11.2013
(22) 19.04.2013
(54) ARRANGEMENT IN A CREASING MACHINE, AND PRODUCTS OBTAINED THEREFROM
(73) Tetra Laval Holdings & Finance SA
(72) PERSSON, Ola
CRONQVIST, Daniel
(31) 1250489
(32) 14.05.2012
(33) Sweden

(51) B32B 1/04
B32B 3/10
B32B 3/22
(11) EP3083227
(21) EP14872907.2
(47) 31.10.2018
(87) US2014070488
25.06.2015
(22) 16.12.2014
(54) CONSTRUCT WITH STIFFENING FEATURES
(73) Graphic Packaging International, LLC
(72) SLOAT, Jeffrey, T.
WILSON, Weston, R.
FITZWATER, Kelly, R.
(31) 201361963866 P
(32) 16.12.2013
(33) United States of America

(51) B32B 3/10
A41D 31/00
A41D 27/28
(11) EP2983908
(21) EP14783226.5
(47) 31.10.2018
(87) US2014033799
16.10.2014
(22) 11.04.2014
(54) ADAPTIVE PLANAR SHIFT GARMENT MATERIAL
(73) NIKE Innovate C.V.
(72) NORDSTROM, Matthew, D.
WILLIAMS, Patrick
(31) 201361811230 P
201414249916
(32) 12.04.2013
10.04.2014
(33) United States of America
United States of America

(51) B32B 5/00
B32B 5/02
B32B 5/06
B32B 5/10
B32B 5/22
B32B 5/24
B32B 5/26
B32B 5/28
B32B 7/00
B32B 7/02
B32B 7/04
B32B 7/08
B32B 19/02
B32B 19/04
B32B 27/00
B32B 27/02
B32B 27/04
(11) EP2886321
(21) EP14193980.1
(47) 31.10.2018
(22) 20.11.2014
(54) A LAMINATED COMPOSITE STRUCTURE AND RELATED METHOD
(73) Rolls-Royce plc
(72) Yasaee, Mehdi
(31) 201322274
(32) 17.12.2013
(33) United Kingdom

(51) B32B 5/12
B29C 43/02
B29C 43/36
B29C 43/52
B29C 43/56
B32B 27/12
(11) EP2090423
(21) EP07832250.0
(47) 31.10.2018
(87) JP2007072520
29.05.2008
(22) 21.11.2007
(54) REINFORCED THERMOPLASTIC-RESIN MULTILAYER SHEET MATERIAL, PROCESS FOR PRODUCING THE SAME, AND METHOD OF FORMING MOLDED THERMOPLASTIC-RESIN COMPOSITE MATERIAL
(73) Fukui Prefectural Government
(72) KAWABE, Kazumasa
(31) 2006316157
2007035428
2007289785
2007300002
(32) 22.11.2006
15.02.2007
07.11.2007
20.11.2007
(33) Japan
Japan
Japan
Japan

(51) B32B 7/02
B32B 27/08
B29C 45/14
B44C 3/02
B32B 15/00
B32B 27/00
B32B 27/30
(11) EP2512797
(21) EP10837816.7
(47) 31.10.2018
(87) KR2010008707
23.06.2011
(22) 07.12.2010
(54) DECORATION SHEET WITH HIGH WEATHER RESISTANCE AND HAIR LINE
(73) LG Hausys, Ltd.
(72) PARK, Jiyong
KIM, Donggon
HA, Jungeun

(31) 20090125953
(32) 17.12.2009
(33) Korea (Republic)

(51) B32B 17/10
C08K 5/00
G02B 27/01
C08J 5/18
(11) EP2817152
(21) EP13710507.8
(47) 31.10.2018
(87) FR2013050369
29.08.2013
(22) 22.02.2013
(54) THERMOPLASTIC SHEET FOR A HEADS-UP DISPLAY SYSTEM
(73) Sekisui Chemical Co., Ltd.
(72) SABLAYROLLES, Jean
CLABAU, Frédéric
LABROT, Michael
(31) 1251718
(32) 24.02.2012
(33) France

(51) B32B 23/04
B65D 65/40
(11) EP2687371
(21) EP12760465.0
(47) 31.10.2018
(87) JP2012056314
27.09.2012
(22) 12.03.2012
(54) LAMINATE, METHOD FOR MANUFACTURING SAME, AND MOLDED CONTAINER
(73) Toppan Printing Co., Ltd.
(72) KIMURA Mitsuharu
OOMORI Yumiko
SHIMIZU Kosuke
(31) 2011060272
(32) 18.03.2011
(33) Japan

(51) B32B 27/02
B32B 1/08
(11) EP1996399
(21) EP07750574.1
(47) 31.10.2018
(87) US2007003745
23.08.2007
(22) 14.02.2007
(54) MULTIL-LOBAL FIBER CONTAINING NONWOVEN MATERIALS AND ARTICLES MADE THEREFROM
(73) The Procter & Gamble Company
(72) BISHOP, Nyle
MARTINEZ, Enrique
GRONDIN, Pierre, D.
DELATRE, Michel
SANTISTEBAN, Jorge
(31) 773896 P
798721 P
(32) 15.02.2006
09.05.2006
(33) United States of America
United States of America

(51) B32B 27/08
B32B 27/18
E04D 5/10
(11) EP2919986
(21) EP13799725.0
(47) 31.10.2018
(87) US2013070490
22.05.2014
(22) 18.11.2013
(54) THERMOPLASTIC MEMBRANES CONTAINING EXPANDABLE GRAPHITE
(73) Firestone Building Products Company, LLC
(72) HUBBARD, Michael, J.
ZHOU, Wensheng
CARR, Joseph
(31) 201261727354 P
201313799763
(32) 16.11.2012
13.03.2013
(33) United States of America
United States of America

(51) B32B 27/08
G07D 7/12
C09K 19/02
B41M 3/14
C09K 19/60
(11) EP2508358
(21) EP10845616.1
(47) 31.10.2018
(87) ES2010000461
18.08.2011
(22) 12.11.2010
(54) DOCUMENT SECURITY METHOD AND DEVICE INVOLVING THE GENERATION OF MULTIPLE IMAGES
(73) Alise Devices, S.L.
(72) QUINTANA ARREGUI, Xabier
OTÓN SÁNCHEZ, José Manuel
GEDAY, Morten Andreas
CARRASCO VELA, Carlos
CERROLAZA MARTINEZ, Beatriz
(31) 200931088
(32) 01.12.2009
(33) Spain

(51) B32B 27/20
B29C 47/06
B32B 27/08
B29C 47/00
B29K 511/10
B29K 311/10
B29K 401/00
B29K 601/00
E04C 2/22
B32B 5/16
(11) EP2830879
(21) EP12873260.9
(47) 31.10.2018
(87) FI2012050317
03.10.2013
(22) 29.03.2012
(54) NATURAL FIBER PLASTIC COMPOSITE
(73) UPM-Kymmene Corporation
(72) PELTOLA, Piia
LEHTINEN, Liisa
KUITUNEN, Markku

(51) B32B 27/36
B32B 27/40
B32B 1/08
C08L 67/00
C08L 75/00
C08L 77/00
F16L 11/00
B60T 17/04
F16L 9/12
(11) EP2897800
(21) EP13774308.4
(47) 31.10.2018
(87) US2013061402
27.03.2014
(22) 24.09.2013
(54) AIR BRAKE TUBING AND COMPOSITIONS FOR MAKING THE SAME
(73) Eaton Corporation
(72) MANAS-ZLOCZOWER, Iani
SCHULTZ, Brett, William
(31) 201261704835 P
201361768788 P
(32) 24.09.2012
25.02.2013
(33) United States of America
United States of America

(51) B32B 37/00
B29C 45/14
B29L 31/34
(11) EP2808167
(21) EP14168233.6
(47) 31.10.2018
(22) 14.05.2014
(54) METHOD OF MANUFACTURING CASE FRAME
(73) Samsung Electronics Co., Ltd
(72) Chang, Min-Su
(31) 20130062450
(32) 31.05.2013
(33) Korea (Republic)

(51) B32B 38/04
B32B 38/06
B42D 25/29
(11) EP3033232
(21) EP14780598.0
(47) 31.10.2018
(87) IB2014063806
19.02.2015
(22) 08.08.2014
(54) CREATION OF A TRANSPARENT POLYMER WINDOW WITH A FIELD OF LENSES IN A SECURITY PAPER SUBSTRATE
(73) KBA-NotaSys SA
(72) SCHAEDE, Johannes Georg
(31) 13180397
(32) 14.08.2013
(33) European Patent Office (EPO)

(51) B41F 13/58
B41F 13/60
B41F 13/62
B41F 13/64
B41F 13/66
B65H 45/00
(11) EP3212403
(21) EP15708497.1
(47) 31.10.2018
(87) EP2015054585
06.05.2016
(22) 05.03.2015
(54) DEVICE FOR FURTHER PROCESSING WEB- OR SHEET-TYPE PRINTING MATERIAL, PRODUCTION LINE, AND METHOD FOR PRODUCING PRINTED PRODUCTS

(73) Koenig & Bauer AG
(72) BIGOTT, Roland
CHRISTMANN, Klaus
HELD, Michael
(31) 102014222317
102014222316
(32) 31.10.2014
31.10.2014
(33) Germany
Germany

(51) B41F 15/42
B41F 15/08
B41F 15/36
H05K 3/12
H05K 3/34
(11) EP2711184
(21) EP11865727.9
(47) 31.10.2018
(87) JP2011006970
22.11.2012
(22) 14.12.2011
(54) PRINTING DEVICE
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) SATO, Hidetoshi
KOBAYASHI, Motoki
(31) 2011109333
(32) 16.05.2011
(33) Japan

(51) B41F 31/00
B41F 13/22
(11) EP3194171
(21) EP15821034.4
(47) 31.10.2018
(87) EP2015079788
11.08.2016
(22) 15.12.2015
(54) TEMPERATURE CONTROL ASSEMBLY FOR CONTROLLING THE TEMPERATURE OF FUNCTIONAL PARTS OF A PRINTING MACHINE AND PRINTING PLANT WITH AT LEAST A PRINTING MACHINE AND A TEMPERATURE CONTROL ASSEMBLY
(73) Koenig & Bauer AG
(72) MÜLLER, Daniela
PFISTER, Roland
(31) 102015202183
(32) 06.02.2015
(33) Germany

(51) B41F 31/14
B41F 31/13
(11) EP3177464
(21) EP15748237.3
(47) 31.10.2018
(87) EP2015068274
18.02.2016
(22) 07.08.2015
(54) HIGHLY DYNAMIC INK DENSITY CONTROL
(73) manroland sheetfed GmbH
(72) KLASSERT, Thomas
KÜHLMEYER, Lothar
VOGEL, Stefan
(31) 102014011865
102015101497
(32) 09.08.2014
03.02.2015
(33) Germany
Germany

(51) B41F 35/00
(11) EP3020552
(21) EP14860473.9
(47) 31.10.2018
(87) JP2014073305
14.05.2015
(22) 04.09.2014
(54) INK CLEANING DEVICE AND INK CLEANING METHOD OF FLEXOGRAPHIC PRESS
(73) Mitsubishi Heavy Industries Machinery Systems, Ltd.
(72) NADACHI, Mitsuhiro
HATANO, Osamu
(31) 2013229258
(32) 05.11.2013
(33) Japan

(51) B41J 2/165
B41J 3/407
(11) EP3044000
(21) EP14766692.9
(47) 31.10.2018
(87) EP2014069536
19.03.2015
(22) 12.09.2014
(54) CLEANING ADAPTER AND METHOD FOR CLEANING PRINTHEADS
(73) Dekron GmbH
(72) TILL, Volker
(31) 102013110122
(32) 13.09.2013
(33) Germany

(51) B41J 2/165
C09D 11/00
C09D 11/322
(11) EP2738004
(21) EP13193177.6
(47) 31.10.2018
(22) 15.11.2013
(54) Ink jet recording apparatus
(73) Seiko Epson Corporation
(72) Mizutani, Akira
Mukai, Hiroshi
Nakane, Hiroki
Shinbara, Toshihiro
Matsumoto, Keiji
Fukuda, Masako
(31) 2012262406
2012262400
(32) 30.11.2012
30.11.2012
(33) Japan
Japan

(51) B41J 2/175
(11) EP3246167
(21) EP17175452.6
(47) 31.10.2018
(22) 16.03.2015
(54) LIQUID SUPPLY UNIT
(73) Seiko Epson Corporation
(72) Mizutani, Tadahiro
Kobayashi, Atsushi
Miyata, Yoshinao
Oya, Shun
(31) 2014053248
(32) 17.03.2014
(33) Japan

(51) B41J 2/175
B41J 2/14
(11) EP2946932
(21) EP15167484.3
(47) 31.10.2018
(22) 13.05.2015
(54) PRINT HEAD WITH INK HANDLING UNIT
(73) OCE-Technologies B.V.
(72) Moens, Marco T.R.
(31) 14169331
(32) 21.05.2014
(33) European Patent Office (EPO)

(51) B41J 2/32
B41J 11/04
B41J 23/02
B41J 2/315
(11) EP3095608
(21) EP15168283.8
(47) 31.10.2018
(22) 19.05.2015
(54) COMPACT PLATEN ROLLER MOTION SYSTEM FOR THERMAL PRINTING MECHANISM
(73) APS Trading OOD
(72) Montagutelli, Denis

(51) B41J 3/407
A43B 3/00
A43D 3/02
A43D 95/14
(11) EP2958452
(21) EP14729999.4
(47) 31.10.2018
(87) US2014034965
30.10.2014
(22) 22.04.2014
(54) HOLDING ASSEMBLY FOR ARTICLES OF FOOTWEAR
(73) NIKE Innovate C.V.
(72) MILLER, Todd W.
CHAMBLIN, Mike A.
TROYKE, Eli R.
(31) 201313868136
(32) 23.04.2013
(33) United States of America

(51) B41J 3/407
B41J 11/00
B41J 15/04
(11) EP2305480
(21) EP10251683.8
(47) 31.10.2018
(22) 30.09.2010
(54) LABEL PRODUCING APPARATUS
(73) BROTHER KOGYO KABUSHIKI KAISHA
(72) Kasugai, Atsushi
Seo, Keiji
(31) 2009226174
(32) 30.09.2009
(33) Japan

(51) B41J 3/407
B41J 15/04
B41J 2/165
B41J 29/393
B41J 11/00
(11) EP2754557
(21) EP14150548.7

(47) 31.10.2018
(22) 09.01.2014
(54) Recording apparatus and recording method
(73) Seiko Epson Corporation
(72) Ishizuka, Hirotaka
(31) 2013001591
2013238588
(32) 09.01.2013
19.11.2013
(33) Japan
Japan

(51) B41J 11/00
B41J 11/42
B41J 13/00
B41J 29/393
B65H 23/02
B65H 23/04
(11) EP2918531
(21) EP15155120.7
(47) 31.10.2018
(22) 13.02.2015
(54) Liquid discharge device and media reel-out method
(73) Seiko Epson Corporation
(72) Ishizuka, Hirotaka
(31) 2014026320
(32) 14.02.2014
(33) Japan

(51) B41J 31/16
B41J 32/02
(11) EP2455226
(21) EP11189658.5
(47) 31.10.2018
(22) 18.11.2011
(54) Ink ribbon cartridge and printer
(73) Oki Data Corporation
(72) Saito, Shinya
(31) 2010259102
(32) 19.11.2010
(33) Japan

(51) B41M 3/00
G02B 3/00
B41M 3/16
B41M 7/00
B41M 5/00
(11) EP2576229
(21) EP11728313.5
(47) 31.10.2018
(87) FR2011000315
08.12.2011
(22) 27.05.2011
(54) MANUFACTURE OF EMBOSSED STRUCTURES BY PRINTING PROCESSES
(73) Guigan, Pierre
(72) Guigan, Pierre
(31) 1002340
(32) 03.06.2010
(33) France

(51) B41M 5/327
B41M 5/42
B41M 5/337
B42D 25/41
B42D 25/45
B41M 5/34
B41M 3/14
(11) EP2886359
(21) EP13198470.0
(47) 31.10.2018
(22) 19.12.2013
(54) Laser markable laminates and documents
(73) AGFA-GEVAERT
(72) Steenackers, Marin
Loccufier, Johan
Aerts, Bart
Depla, Anouschka

(51) B42C 9/00
B42C 11/02
B42C 19/08
(11) EP3023257
(21) EP15446503.3
(47) 31.10.2018
(22) 22.09.2015
(54) A METHOD OF MANUFACTURING FOLDERS HAVING UNDER-DIMENSIONS AND A CASSETTE FOR SUCH A MANUFACTURING METHOD
(73) Bindomatic AB
(72) Tolf, Göran
(31) 1451396
(32) 20.11.2014
(33) Sweden

(51) B42D 15/00
B42D 25/328
B42D 25/369
B42D 25/373
B42D 25/378
B42D 25/45
(11) EP3079916
(21) EP13898914.0
(47) 31.10.2018
(87) CN2013089050
18.06.2015
(22) 11.12.2013
(54) OPTICALLY VARIABLE SECURITY THREADS AND STRIPES AND PROCESS FOR MAKING SUCH THREADS AND STRIPES
(73) Sicpa Holding SA
CHINA BANKNOTE SICPA SECURITY INK CO. LTD.
(72) RITTER, Gebhard
DEGOTT, Pierre
LI, Xiang
YUAN, Fang

(51) B43K 8/00
B43K 21/00
B43K 23/008
B43K 5/00
B43K 7/00
(11) EP2684705
(21) EP13175560.5
(47) 31.10.2018
(22) 08.07.2013
(54) Writing instrument
(73) Faber-Castell AG
(72) Lugert, Gerhard
Appel, Reiner
Heuler, Baukis
Volodka, Tilo
(31) 12176438
(32) 13.07.2012
(33) European Patent Office (EPO)

(51) B44B 5/02
B22F 3/105
B29C 67/00
B41C 1/00
B44C 3/02
G03F 7/00
(11) EP2886366
(21) EP13198764.6
(47) 31.10.2018
(22) 20.12.2013
(54) METHOD FOR THE PREPARATION OF A PRINTING OR EMBOSSING CYLINDER OR A PRINTING OR EMBOSSING SLEEVE
(73) Mayr-Melnhof Karton AG
(72) Theis, Uwe
Höhnen, Roland

(51) B44C 3/12
B44C 5/00
(11) EP2750900
(21) EP12730399.8
(47) 31.10.2018
(87) EP2012002740
07.03.2013
(22) 29.06.2012
(54) HANDICRAFT KIT AND DECORATIVE OBJECT MADE THEREOF
(73) Seibt, Peter
(72) Seibt, Peter
(31) 202011105123 U
102012004637
(32) 29.08.2011
06.03.2012
(33) Germany
Germany

(51) B60B 1/14
B60B 5/02
B29C 70/00
B32B 27/02
B32B 5/12
B32B 5/26
B32B 7/08
B29C 70/20
B60B 3/00
B60B 3/10
(11) EP2925535
(21) EP13862217.0
(47) 31.10.2018
(87) AU2013000646
19.06.2014
(22) 17.06.2013
(54) FACE TO HUB CONNECTION FOR A COMPOSITE WHEEL
(73) Carbon Revolution Limited
(72) DINGLE, Matthew Edward
DENMEAD, Ashley James
SILCOCK, Michael
(31) 2012261712
(32) 10.12.2012
(33) Australia

(51) B60B 3/14
B60B 3/16
(11) EP2655085
(21) EP11782248.6
(47) 31.10.2018
(87) NL2011050759
28.06.2012
(22) 07.11.2011
(54) A WHEEL, AN ADAPTER, A KIT OF PARTS AND A METHOD
(73) Xinix Wheel Technology B.V.

(72) SMEDING, Derk, Marcel
(31) 10196660
(32) 22.12.2010
(33) European Patent Office (EPO)

(51) B60B 7/02
B60B 7/06
B60B 7/08
(11) EP2964471
(21) EP14704364.0
(47) 31.10.2018
(87) EP2014052930
12.09.2014
(22) 14.02.2014
(54) RIM ASSEMBLY
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) GIELISCH, Sebastian
LOCH, Robert
(31) 102013003690
(32) 04.03.2013
(33) Germany

(51) B60B 27/00
B60B 35/00
B60B 35/02
B60B 35/04
(11) EP3186095
(21) EP15753107.0
(47) 31.10.2018
(87) FR2015051951
03.03.2016
(22) 16.07.2015
(54) HUB CARRIER FOR A VEHICLE WHEEL
(73) PSA Automobiles SA
(72) POUILLAUDE, Eric
LE DOUAIRON, Loic
(31) 1458013
(32) 27.08.2014
(33) France

(51) B60B 27/00
F16D 1/076
F16D 3/223
(11) EP2834083
(21) EP13708765.6
(47) 31.10.2018
(87) EP2013054145
10.10.2013
(22) 01.03.2013
(54) WHEEL HUB ROTARY JOINT ARRANGEMENT
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) DUDKOWIAK, Johann
GINGLAS, Eduard
(31) 102012205727
(32) 05.04.2012
(33) Germany

(51) B60B 39/02
B60B 39/10
B61C 15/10
(11) EP2814713
(21) EP13704104.2
(47) 31.10.2018
(87) EP2013052810
22.08.2013
(22) 13.02.2013
(54) END PIECE FOR A PARTICLE DISTRIBUTOR FOR A RAILWAY VEHICLE
(73) KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH
(72) KRISMANIC, Georg
(31) 102012006234
(32) 14.02.2012
(33) Germany

(51) B60C 9/20
(11) EP3215374
(21) EP15748017.9
(47) 31.10.2018
(87) EP2015067762
12.05.2016
(22) 03.08.2015
(54) VEHICLE TYRES
(73) Continental Reifen Deutschland GmbH
(72) GEHLAUF, Matthias
LACKO, Michal
WACHMANN, Fabian
(31) 102014222555
(32) 05.11.2014
(33) Germany

(51) B60C 9/22
B60C 9/06
B60C 15/00
B60C 9/20
(11) EP2716475
(21) EP12790356.5
(47) 31.10.2018
(87) JP2012063556
29.11.2012
(22) 25.05.2012
(54) TIRE
(73) Bridgestone Corporation
(72) URATA, Sachie
(31) 2011118163
(32) 26.05.2011
(33) Japan

(51) B60C 11/02
(11) EP3157762
(21) EP15736590.9
(47) 31.10.2018
(87) IB2015000968
23.12.2015
(22) 16.06.2015
(54) TYRE IN TWO PARTS SUITED TO RETREADING
(73) Compagnie Générale des Etablissements Michelin
(72) VILCOT, Florian
HUYGUE, Jean-Michel
(31) 1401395
(32) 20.06.2014
(33) France

(51) B60C 11/02
(11) EP3157761
(21) EP15736589.1
(47) 31.10.2018
(87) IB2015000954
23.12.2015
(22) 16.06.2015
(54) TYRE TREAD COMPRISING AN OUTER LAYER OF THERMOPLASTIC ELASTOMER
(73) Compagnie Générale des Etablissements Michelin
(72) HUYGHE, Jean-Michel
VILCOT, Florian
MERINO LOPEZ, José
(31) 1401394
(32) 20.06.2014
(33) France

(51) B60C 11/03
(11) EP2886371
(21) EP14192968.7
(47) 31.10.2018
(22) 13.11.2014
(54) Heavy duty tire
(73) Sumitomo Rubber Industries, Ltd.
(72) Todoroki, Daisuke
(31) 2013262830
(32) 19.12.2013
(33) Japan

(51) B60C 11/03
B60C 11/12
(11) EP3156259
(21) EP15807378.3
(47) 31.10.2018
(87) JP2015064875
17.12.2015
(22) 25.05.2015
(54) TIRE
(73) Bridgestone Corporation
(72) KATAYAMA, Shinsaku
KAJI, Yoshio
KURATA, Takayuki
(31) 2014121025
(32) 12.06.2014
(33) Japan

(51) B60C 11/12
(11) EP2821258
(21) EP14172153.0
(47) 31.10.2018
(22) 12.06.2014
(54) Pneumatic tire
(73) Kumho Tire Co., Inc.
(72) Tak, In-Yong
(31) 20130077098
(32) 02.07.2013
(33) Korea (Republic)

(51) B60C 11/12
B60C 11/04
(11) EP3208114
(21) EP17158790.0
(47) 31.10.2018
(22) 29.06.2012
(54) TREAD OF A PNEUMATIC TYRE FOR A VEHICLE
(73) Continental Reifen Deutschland GmbH
(72) Goncalves Ankiewicz, Amelia Olga
Hoffmann, Jens
(31) 102011053743
(32) 19.09.2011
(33) Germany

(51) B60C 11/13
B60C 11/03
(11) EP3173255
(21) EP16183372.8
(47) 31.10.2018
(22) 09.08.2016
(54) PNEUMATIC TYRES FOR A VEHICLE
(73) Continental Reifen Deutschland GmbH
(72) Boston, Charles Henry
Herbst, Stephan
Rittweger, Stefan
Nette, Daniel

(31) 102015223535
(32) 27.11.2015
(33) Germany

(51) B60C 19/00
B60C 5/00
F16F 15/34
F16F 15/36
(11) EP2805082
(21) EP13703860.0
(47) 31.10.2018
(87) GB2013050113
25.07.2013
(22) 18.01.2013
(54) A BALANCER FOR A WHEEL AND TYRE ASSEMBLY
(73) Bentley Motors Limited
(72) MCKINLAY, Andrew James
(31) 201200883
(32) 19.01.2012
(33) United Kingdom

(51) B60C 23/02
B60C 23/04
B60C 23/00
G08C 17/02
(11) EP2631093
(21) EP11833807.8
(47) 31.10.2018
(87) CN2011080253
26.04.2012
(22) 28.09.2011
(54) METHOD FOR RECEIVING AND PROCESSING TIRE PRESSURE SIGNAL AND DEVICE THEREFOR
(73) Shanghai Baolong Automotive Corporation
(72) LI, Wei
XU, Changwu
HAN, Wenbin
(31) 201010516067
(32) 22.10.2010
(33) China

(51) B60C 27/20
B60C 27/06
B60C 27/02
B60C 27/16
(11) EP3093167
(21) EP14877575.2
(47) 31.10.2018
(87) JP2014084263
16.07.2015
(22) 25.12.2014
(54) ANTI-SLIP DEVICE FOR TIRE, AND BODY FOR ANTI-SLIP DEVICE FOR TIRE
(73) KAGA CO., LTD.
(72) SAKAKIBARA, Kouichi
(31) 2014002162
2014101734
(32) 09.01.2014
15.05.2014
(33) Japan
Japan

(51) B60C 99/00
G06F 17/50
(11) EP2057567
(21) EP07823353.3
(47) 31.10.2018
(87) FR2007001296
06.03.2008
(22) 26.07.2007
(54) METHOD FOR SIMULATING THE THERMOMECHANICAL BEHAVIOUR OF A TYRE ROLLING ON THE GROUND
(73) Compagnie Générale des Etablissements Michelin
(72) FEVRIER, Pierre
MARTIN, Hervé
FANDARD, Gérard
(31) 0607706
(32) 01.09.2006
(33) France

(51) B60D 1/54
(11) EP2732991
(21) EP12193037.4
(47) 31.10.2018
(22) 16.11.2012
(54) Towing hook arrangement and a method for locking a towing hook arrangement
(73) Brink Towing Systems B.V.
(72) Eising, Frits
Jansen, Martin

(51) B60D 1/54
(11) EP2875972
(21) EP14003183.2
(47) 31.10.2018
(22) 15.09.2014
(54) Draw bar with a fixing device
(73) WESTFALIA - Automotive GmbH
(72) BÜSCHER, Maik
LUBRITZ, Marcel
PÖTTING, Wolfgang
(31) 102013018735
(32) 08.11.2013
(33) Germany

(51) B60G 7/00
(11) EP3204247
(21) EP15770565.8
(47) 31.10.2018
(87) FR2015052399
14.04.2016
(22) 09.09.2015
(54) SUSPENSION ARM FOR A MOTOR CAR
(73) PSA Automobiles SA
(72) VUILLIER DEVILLERS, Claude
(31) 1459630
(32) 08.10.2014
(33) France

(51) B60G 9/04
B60K 7/00
B60G 21/05
(11) EP2896520
(21) EP13836936.8
(47) 31.10.2018
(87) JP2013073489
20.03.2014
(22) 02.09.2013
(54) SUSPENSION STRUCTURE FOR IN-WHEEL MOTOR DRIVE DEVICE
(73) NTN Corporation
(72) TAMURA, Shiro
SUZUKI, Minoru
(31) 2012200842
(32) 12.09.2012
(33) Japan

(51) B60G 9/04
B60K 7/00
B60G 21/05
B60K 17/04
B62D 21/11
(11) EP2896519
(21) EP13836890.7
(47) 31.10.2018
(87) JP2013073540
20.03.2014
(22) 02.09.2013
(54) SUSPENSION STRUCTURE FOR IN-WHEEL MOTOR DRIVE DEVICE
(73) NTN Corporation
(72) TAMURA, Shiro
SUZUKI, Minoru
(31) 2012200843
(32) 12.09.2012
(33) Japan

(51) B60G 13/00
B60G 15/06
B60G 17/04
B60G 17/08
F16F 9/06
F16F 9/54
F16F 13/10
F16F 13/08
(11) EP3137320
(21) EP15719693.2
(47) 31.10.2018
(87) EP2015059223
05.11.2015
(22) 28.04.2015
(54) VIBRATION DAMPER OF A VEHICLE WHEEL
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) SCHMIDT, Roland
(31) 102014208083
(32) 29.04.2014
(33) Germany

(51) B60G 13/00
F16F 9/32
F16F 9/38
(11) EP3204662
(21) EP15770571.6
(47) 31.10.2018
(87) FR2015052417
14.04.2016
(22) 10.09.2015
(54) PROTECTION SYSTEM FOR HYDRAULIC SHOCK ABSORBER COMPRISING CUTOUTS FOR A COMPRESSION STRAP
(73) PSA Automobiles SA
(72) MULLER, Jerome
LE COSQUER, Yannick
JEANNEAU, Yann
SIGOGNAULT, André-Louis
(31) 1459692
(32) 09.10.2014
(33) France

(51) B60G 15/06
(11) EP3027440
(21) EP14742554.0
(47) 31.10.2018
(87) EP2014066097
05.02.2015
(22) 25.07.2014

(54) AXIAL ROLLING BEARING FOR A VEHICLE SUSPENSION
(73) NTN-SNR Roulements
(72) DELARCHE, Sébastien
(31) 1357512
(32) 30.07.2013
(33) France

(51) B60G 17/0165
B60G 17/019
G01C 9/00
B60G 17/0195
B60W 40/076
B60W 30/02
B60W 10/22
(11) EP3261862
(21) EP16700686.5
(47) 31.10.2018
(87) EP2016000061
01.09.2016
(22) 14.01.2016
(54) METHOD FOR COMPENSATING FOR AN INCLINATION
(73) Audi AG
(72) UNGER, Andreas
GÖHRLE, Christoph
(31) 102015002603
(32) 28.02.2015
(33) Germany

(51) B60G 21/05
(11) EP2874832
(21) EP13729297.5
(47) 31.10.2018
(87) EP2013061745
23.01.2014
(22) 06.06.2013
(54) DRIVEN AXLE OF A DUAL-TRACK VEHICLE
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) GERBIG, Falk
MUSCHLER, Thomas
(31) 102012212475
(32) 17.07.2012
(33) Germany

(51) B60H 1/00
(11) EP2794314
(21) EP12812568.9
(47) 31.10.2018
(87) EP2012075692
27.06.2013
(22) 17.12.2012
(54) HOUSING FOR A HEATING, VENTILATION AND/OR AIR-CONDITIONING UNIT
(73) Valeo Systemes Thermiques
(72) PIERRES, Philippe
LISKA, Jan
(31) 1104052
(32) 23.12.2011
(33) France

(51) B60H 1/22
F25B 1/00
B60H 1/00
F25B 5/04
F25B 6/04
(11) EP2923869
(21) EP13856410.9
(47) 31.10.2018
(87) JP2013006666
30.05.2014
(22) 13.11.2013
(54) VEHICULAR HEAT PUMP APPARATUS, AND VEHICULAR AIR CONDITIONING APPARATUS
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) NODA, Yoshitoshi
(31) 2012254165
(32) 20.11.2012
(33) Japan

(51) B60H 1/34
F24F 13/06
(11) EP1608522
(21) EP04717617.7
(47) 31.10.2018
(87) EP2004002295
23.09.2004
(22) 05.03.2004
(54) AIR EXHAUSTING DEVICE, IN PARTICULAR FOR A VEHICLE AND CORRESPONDING METHOD FOR EXHAUSTING AIR
(73) MAHLE Behr GmbH & Co. KG
(72) BURR, Reinhold
KLINGLER, Dietrich
VOIGT, Klaus
(31) 10311397
(32) 13.03.2003
(33) Germany

(51) B60H 1/34
F24F 13/15
F24F 13/14
(11) EP2777966
(21) EP12848186.8
(47) 31.10.2018
(87) JP2012058906
16.05.2013
(22) 02.04.2012
(54) REGISTER
(73) Toyota Jidosha Kabushiki Kaisha
Howa Plastics Co., Ltd.
(72) OE, Hiroyuki
ISHIGURO, Yoko
(31) 2011247601
2012030593
(32) 11.11.2011
15.02.2012
(33) Japan
Japan

(51) B60H 3/06
B01D 53/04
(11) EP2383130
(21) EP11162698.2
(47) 31.10.2018
(22) 15.04.2011
(54) Motor vehicle air conditioning
(73) MAHLE Behr GmbH & Co. KG
(72) D'Angelo, Marco
Braitsch, Daniel
Englert, Peter
Stiehler, Daniela
(31) 102010028293
(32) 28.04.2010
(33) Germany

(51) B60J 1/00
A61G 21/00
B60J 1/10
B60J 5/04
B60J 5/06
B60Q 1/26
(11) EP2759425
(21) EP13199267.9
(47) 31.10.2018
(22) 23.12.2013
(54) Hearse with decorative window
(73) Schmidt, Udo
(72) Schmidt, Udo
(31) 202013100416 U
202013104165 U
(32) 29.01.2013
12.09.2013
(33) Germany
Germany

(51) B60J 7/00
B60J 1/20
(11) EP3218216
(21) EP15766542.3
(47) 31.10.2018
(87) EP2015071763
19.05.2016
(22) 22.09.2015
(54) ROLLER BLIND FOR A PROTECTION DEVICE OF A VEHICLE INTERIOR
(73) BOS GmbH & Co. KG
(72) HINTENNACH, Markus
(31) 102014223022
(32) 12.11.2014
(33) Germany

(51) B60J 7/12
B60J 7/20
(11) EP3112196
(21) EP16176874.2
(47) 31.10.2018
(22) 29.06.2016
(54) SOFT TOP WITH STORAGE SPACE LID
(73) Webasto-Edscha Cabrio GmbH
(72) KOPP, Georg
HABERL, Franz
(31) 102015110692
(32) 02.07.2015
(33) Germany

(51) B60J 10/70
E06B 3/62
B60J 1/00
(11) EP2598356
(21) EP11813118.4
(47) 31.10.2018
(87) US2011045556
02.02.2012
(22) 27.07.2011
(54) WINDOW ASSEMBLY HAVING A PRIMER
(73) AGC Automotive Americas R & D, Inc.
(72) BENNETT, Dan
(31) 400368 P
201161464663 P
(32) 27.07.2010
07.03.2011
(33) United States of America
United States of America

(51) B60K 6/365
(11) EP3010744
(21) EP14725663.0
(47) 31.10.2018

(87) EP2014059600
24.12.2014
(22) 12.05.2014
(54) HYBRID DRIVE ASSEMBLY
(73) ZF Friedrichshafen AG
(72) GERSTEN, Rayk
RECHENBACH, Philipp
(31) 102013211225
(32) 17.06.2013
(33) Germany

(51) B60K 11/08
E06B 7/098
B60K 15/04
(11) EP3109084
(21) EP16172530.4
(47) 31.10.2018
(22) 01.06.2016
(54) FRONT PANEL MODULE COMPRISING A DEVICE FOR SEALING AN AIR INLET
(73) VALEO SYSTEMES THERMIQUES
(72) THULLIER, Christophe
(31) 1555918
(32) 26.06.2015
(33) France

(51) B60K 13/04
F01N 3/08
F01N 3/24
F01N 3/28
F01N 13/18
F01N 3/021
(11) EP3205526
(21) EP15848895.7
(47) 31.10.2018
(87) JP2015077302
14.04.2016
(22) 28.09.2015
(54) ENGINE DEVICE
(73) Yanmar Co., Ltd.
(72) KIMURA Tomoyuki
(31) 2014205770
2014205771
(32) 06.10.2014
06.10.2014
(33) Japan
Japan

(51) B60K 15/03
B29C 65/00
B29C 49/20
B29C 51/12
(11) EP3247581
(21) EP16701453.9
(47) 31.10.2018
(87) EP2016051314
28.07.2016
(22) 22.01.2016
(54) STIFFENING ASSEMBLY FOR A FUEL TANK
(73) TI Automotive Technology Center GmbH
(72) BOECKER, Albert J.
CHEHADE, Ahmad
EHLER, Alex
GMÜND, Patrick
GRAUER, Peter
HAOUALA, Moez
MICHAELIS, Gerrit
OLBRICH, Matthias B.
(31) 201562106404 P
(32) 22.01.2015
(33) United States of America

(51) B60K 15/05
E05C 19/02
E05B 81/20
E05B 81/28
E05B 83/34
(11) EP3250409
(21) EP16702681.4
(47) 31.10.2018
(87) EP2016051699
04.08.2016
(22) 27.01.2016
(54) ACTUATING DEVICE FOR A MOVABLE PART
(73) HELLA GmbH & Co. KGaA
(72) HUSBERG, Olaf
IRLE, Henning
NIEMEYER, Ingo
(31) 102015001180
(32) 30.01.2015
(33) Germany

(51) B60K 20/02
F16G 11/00
F16C 1/10
(11) EP2942225
(21) EP14725348.8
(47) 31.10.2018
(87) KR2014002009
17.09.2015
(22) 11.03.2014
(54) FIXING STRUCTURE OF SHIFT CABLE
(73) Infac Corporation
(72) JANG, Hongsuk

(51) B60K 28/04
B60K 28/06
B60W 50/14
G08B 21/06
B60W 30/12
B62D 15/02
(11) EP3003768
(21) EP14723076.7
(47) 31.10.2018
(87) EP2014059573
11.12.2014
(22) 09.05.2014
(54) EMERGENCY ASSISTANCE BY DEACTIVATED STEERING ASSISTANCE
(73) Volkswagen Aktiengesellschaft
(72) EIGEL, Thomas
(31) 102013009424
(32) 04.06.2013
(33) Germany

(51) B60K 35/00
B60K 37/02
G01C 21/00
G06T 17/05
(11) EP2896531
(21) EP14199701.5
(47) 31.10.2018
(22) 22.12.2014
(54) Virtual three-dimensional instrument cluster with three-dimensional navigation system
(73) Harman International Industries, Incorporated
(72) Di Censo, Davide
Marti, Stefan
(31) 201314139101
(32) 23.12.2013
(33) United States of America

(51) B60K 37/06
G06F 3/01
(11) EP2802477
(21) EP12812163.9
(47) 31.10.2018
(87) EP2012005081
18.07.2013
(22) 08.12.2012
(54) METHOD AND DEVICE FOR OPERATING FUNCTIONS DISPLAYED ON A DISPLAY UNIT OF A VEHICLE USING GESTURES WHICH ARE CARRIED OUT IN A THREE-DIMENSIONAL SPACE, AND CORRESPONDING COMPUTER PROGRAM PRODUCT
(73) Daimler AG
(72) ENTENMANN, Volker
MATTES, Stefan
REISINGER, Jörg
ZHANG-XU, Tingting
(31) 102012000201
(32) 09.01.2012
(33) Germany

(51) B60L 3/00
B60W 20/00
(11) EP3245095
(21) EP15701668.4
(47) 31.10.2018
(87) EP2015000069
21.07.2016
(22) 16.01.2015
(54) METHOD AND DEVICE FOR CONTROLLING AN ELECTRIC OR A HYBRID ELECTRIC VEHICLE
(73) Volvo Truck Corporation
(72) JANSSON, Andreas

(51) B60L 5/08
B60L 5/36
(11) EP2885155
(21) EP13763031.5
(47) 31.10.2018
(87) EP2013068894
03.04.2014
(22) 12.09.2013
(54) NON-RAIL-BOUND VEHICLE WITH IMPROVED CURRENT COLLECTOR
(73) Siemens Mobility GmbH
(72) KEIL, Göran
(31) 102012217720
(32) 28.09.2012
(33) Germany

(51) B60L 7/00
B60L 7/04
B60L 7/08
B60L 15/20
H02P 3/22
(11) EP3201034
(21) EP15804366.1
(47) 31.10.2018
(87) EP2015077875
07.07.2016
(22) 27.11.2015
(54) SAFE ELECTRICAL BRAKE FOR A SYNCHRONOUS MOTOR
(73) Siemens Aktiengesellschaft
(72) AMLER, Gerald

BERGNER, Hans
(31) 14200387
(32) 29.12.2014
(33) European Patent Office (EPO)

(51) B60L 7/16
H02J 7/14
H02J 7/34
(11) EP2033293
(21) EP07788958.2
(47) 31.10.2018
(87) FR2007051373
03.01.2008
(22) 04.06.2007
(54) METHOD FOR RECOVERING ELECTRICAL ENERGY IN A VEHICLE WITH REGENERATIVE BRAKING
(73) VALEO EQUIPEMENTS ELECTRIQUES MOTEUR
(72) MASFARAUD, Julien
DOFFIN, Hugues
(31) 0652675
(32) 27.06.2006
(33) France

(51) B60L 9/00
G01R 27/18
G01R 31/00
B60L 3/00
B60L 3/04
B60L 3/12
G01R 31/02
(11) EP3172078
(21) EP15766116.6
(47) 31.10.2018
(87) EP2015071054
24.03.2016
(22) 15.09.2015
(54) POWER TRANSMISSION SYSTEM AND METHOD FOR OPERATING A POWER TRANSMISSION SYSTEM
(73) Siemens Mobility GmbH
(72) DI BONAVENTURA, Stefan
HERZOG, Markus
BRANDMEIER, Marco
(31) 102014218764
(32) 18.09.2014
(33) Germany

(51) B60L 11/18
(11) EP2488385
(21) EP10749616.8
(47) 31.10.2018
(87) EP2010005270
21.04.2011
(22) 27.08.2010
(54) CHARGING STATION
(73) SEW-EURODRIVE GmbH & Co. KG
(72) SCHMIDT, Josef
MAHLEIN, Jochen
DIETRICH, Volker
EGGER, Björn
(31) 102009049432
(32) 14.10.2009
(33) Germany

(51) B60L 11/18
H02J 5/00
H02J 7/00
H02J 7/02
H02J 50/40
H02J 50/80
H02J 50/12
(11) EP2670624
(21) EP12708758.3
(47) 31.10.2018
(87) EP2012051455
09.08.2012
(22) 30.01.2012
(54) CHARGING DEVICE FOR AN ELECTRIC ENERGY STORAGE IN A MOTOR VEHICLE
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) WEBER, Robert
HERZOG, Torsten
(31) 102011003543
(32) 02.02.2011
(33) Germany

(51) B60N 2/07
B60N 2/08
(11) EP3250412
(21) EP16730042.5
(47) 31.10.2018
(87) TR2016050124
26.10.2017
(22) 22.04.2016
(54) SEAT ADJUSTMENT MECHANISM
(73) Assan Hanil Otomotiv Sanayi Ve Ticaret Anonim Sirketi
(72) DEMIREL, Onur Emre
SEVER, Selçuk

(51) B60N 2/07
F16C 29/04
F16C 33/40
F16C 33/41
(11) EP2676835
(21) EP13173125.9
(47) 31.10.2018
(22) 21.06.2013
(54) Seat slide apparatus for vehicle
(73) AISIN SEIKI KABUSHIKI KAISHA
(72) Yamada, Yukifumi
Goto, Naoki
(31) 2012140219
(32) 21.06.2012
(33) Japan

(51) B60N 2/16
B60N 2/42
B60N 2/427
(11) EP2691259
(21) EP12714143.0
(47) 31.10.2018
(87) US2012030950
04.10.2012
(22) 28.03.2012
(54) ENERGY MANAGEMENT FEATURE FOR VEHICLE SEATING
(73) Adient Luxembourg Holding S.à r.l.
(72) PALUCH, Zbigniew
(31) 201161468453 P
(32) 28.03.2011
(33) United States of America

(51) B60N 2/30
(11) EP2692575
(21) EP12763573.8
(47) 31.10.2018
(87) JP2012058419
04.10.2012
(22) 29.03.2012
(54) VEHICLE SEAT
(73) TS Tech Co., Ltd.
(72) TACHIKAWA, Yoichi
WATANABE, Masato
(31) 2011081071
2011081072
2011081073
(32) 31.03.2011
31.03.2011
31.03.2011
(33) Japan
Japan
Japan

(51) B60N 2/56
B60N 2/02
(11) EP3263399
(21) EP16177359.3
(47) 31.10.2018
(22) 30.06.2016
(54) METHOD AND DEVICE FOR CONTROLLING THE AIR CONDITIONING OF A VEHICLE SEAT
(73) Volkswagen Aktiengesellschaft
(72) Cengil, Sükrü
Schnurr, Andrea
Belun, Marina
Herdey, Jan Peter
Wolf, Oliver

(51) B60N 2/80
B60N 2/806
B60N 2/809
(11) EP2759442
(21) EP12833080.0
(47) 31.10.2018
(87) JP2012074344
28.03.2013
(22) 24.09.2012
(54) VEHICLE SEAT DEVICE
(73) TS Tech Co., Ltd.
(72) OKUBO, Takuya
(31) 2011208309
(32) 25.09.2011
(33) Japan

(51) B60N 3/10
(11) EP2849967
(21) EP13722761.7
(47) 31.10.2018
(87) EP2013060091
21.11.2013
(22) 15.05.2013
(54) RECEIVING DEVICE FOR AT LEAST ONE BOTTLE OR CUP CONTAINER IN A VEHICLE INTERIOR
(73) BOS GmbH & Co. KG
(72) SITZLER, Wolfgang
BOHLKE, Hartmut
SALEWSKI, Jürgen
GÖBBELS, Andreas
ZUMMACK, Wolfram
(31) 102012208278
(32) 16.05.2012
(33) Germany

(51) B60P 1/04
B60T 8/24
(11) EP2148794
(21) EP08737095.3
(47) 31.10.2018
(87) GB2008001440

30.10.2008
(22) 23.04.2008
(54) TILT ANGLE SENSOR AND APPARATUS
(73) Knorr-Bremse Systems for Commercial Vehicles Limited
(72) ROSS, Colin
FRY, Matthew
(31) 0707817
(32) 23.04.2007
(33) United Kingdom

(51) B60Q 1/08
B60Q 1/14
(11) EP2374660
(21) EP11161116.6
(47) 31.10.2018
(22) 05.04.2011
(54) CONTROL DEVICE, VEHICULAR LAMP SYSTEM, AND VEHICULAR LAMP
(73) Koito Manufacturing Co., Ltd.
(72) Kobayashi, Shoji
(31) 2010091487
(32) 12.04.2010
(33) Japan

(51) B60Q 1/08
B60Q 1/14
G06K 9/00
(11) EP2508392
(21) EP12174004.7
(47) 31.10.2018
(22) 28.05.2009
(54) Method and device for controlling the light emission of a front headlamp of a vehicle
(73) HELLA GmbH & Co. KGaA
(72) Hoffmann, Ingo
(31) 102008025947
(32) 30.05.2008
(33) Germany

(51) B60Q 1/52
B60Q 1/00
B60Q 1/26
B60Q 1/50
G08G 1/00
G08G 1/16
G08G 1/005
G08G 1/01
B60W 40/00
B60W 40/04
G08G 1/09
B60Q 9/00
(11) EP3216653
(21) EP17157357.9
(47) 31.10.2018
(22) 22.02.2017
(54) APPARATUS FOR PRESENTING RESULT OF RECOGNIZING RECOGNITION TARGET
(73) Panasonic Intellectual Property Corporation of America
(72) KOZUKA, Kazuki
FUJIMURA, Ryota
FUCHIKAMI, Tetsuji
(31) 201662306181 P
2016210328
(32) 10.03.2016
27.10.2016
(33) United States of America
Japan

(51) B60R 3/00
(11) EP3099530
(21) EP15701172.7
(47) 31.10.2018
(87) EP2015051098
06.08.2015
(22) 21.01.2015
(54) A VEHICLE STEP APPARATUS
(73) Brady, Thomas Finbarr
(72) Brady, Thomas Finbarr
(31) 14153211
(32) 30.01.2014
(33) European Patent Office (EPO)

(51) B60R 7/02
B60R 5/04
(11) EP2978636
(21) EP14708476.8
(47) 31.10.2018
(87) EP2014000470
09.10.2014
(22) 22.02.2014
(54) CONTAINER IN PARTICULAR IN THE TAILGATE OF A MOTOR VEHICLE
(73) Daimler AG
(72) STORZ, Alexander
(31) 102013005535
(32) 30.03.2013
(33) Germany

(51) B60R 9/058
F16B 39/10
(11) EP3106351
(21) EP15172019.0
(47) 31.10.2018
(22) 15.06.2015
(54) A LOAD CARRIER FOOT
(73) Mont Blanc Industri AB
(72) Olsén, Jonas
Ekman, Daniel

(51) B60R 13/00
(11) EP3181406
(21) EP16201904.6
(47) 31.10.2018
(22) 02.12.2016
(54) CLADDING SECTION FOR A MOTOR VEHICLE AND METHOD FOR PRODUCING A CLADDING SECTION
(73) REHAU AG + Co
(72) Vogel, Matthias
Uebel, Julia
Wolff, Christian
(31) 102015122103
(32) 17.12.2015
(33) Germany

(51) B60R 16/023
(11) EP3037304
(21) EP15201955.0
(47) 31.10.2018
(22) 22.12.2015
(54) ELECTRICAL JUNCTION BOX FOR VEHICLE
(73) Korea Electric Terminal Co., Ltd.
(72) KO, Kyoung-Ho
(31) 20140189100
(32) 24.12.2014
(33) Korea (Republic)

(51) B60R 16/023
(11) EP3164300
(21) EP15742343.5
(47) 31.10.2018
(87) FR2015051707
07.01.2016
(22) 24.06.2015
(54) ASSEMBLY FOR SECURING AN ELECTRONIC UNIT AND HEAT SCREEN
(73) PSA Automobiles SA
(72) TALLET, Frederic
BAIL, Jean-bastien
(31) 1456259
(32) 01.07.2014
(33) France

(51) B60R 21/207
B60N 2/427
B60N 2/66
B60N 2/68
B60N 2/58
(11) EP2786905
(21) EP12854026.7
(47) 31.10.2018
(87) JP2012080778
06.06.2013
(22) 28.11.2012
(54) MOUNTING MEMBER, AND AIRBAG MODULE-EQUIPPED SEAT
(73) TS Tech Co., Ltd.
(72) TANABE, Jinichi
IZAWA, Hiroshi
BABA, Hiroshi
(31) 2011260623
2011268259
2012036655
2012041846
2012046941
2012051853
2012057851
2012062409
(32) 29.11.2011
07.12.2011
22.02.2012
28.02.2012
02.03.2012
08.03.2012
14.03.2012
19.03.2012
(33) Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan

(51) B60R 25/02
E05B 67/38
F16H 19/00
F16H 19/04
E05F 15/603
(11) EP2216215
(21) EP09180878.2
(47) 31.10.2018
(22) 29.12.2009
(54) Gear unit with a lag function
(73) Huf Hülsbeck & Fürst GmbH & Co. KG
(72) Trischberger, Werner
(31) 102009007900
(32) 06.02.2009
(33) Germany

(51) B60R 25/0215
(11) EP2964492
(21) EP13708349.9
(47) 31.10.2018
(87) EP2013000618
12.09.2014
(22) 04.03.2013
(54) ELECTRIC STEERING COLUMN LOCK SYSTEM
(73) Marquardt GmbH
Nissan Motor Co., Ltd
(72) MARX, Thilo
VAGNEY, Damien
HAYASHI, Kenjirou

(51) B60R 25/045
B60W 50/14
B60R 25/24
(11) EP3170705
(21) EP16198087.5
(47) 31.10.2018
(22) 10.11.2016
(54) SELECTIVE SIGNALLING METHOD FOR A STARTER SYSTEM OF AN ENGINE OF A VEHICLE
(73) Seat, S.A.
(72) ROS BONANAD, Eden
CUEVAS MERCADAL, Javier
(31) 201531617
(32) 10.11.2015
(33) Spain

(51) B60S 1/04
(11) EP3191350
(21) EP15775012.6
(47) 31.10.2018
(87) TR2015050092
17.03.2016
(22) 07.09.2015
(54) A WINDSHIELD WIPER MODULE
(73) Tofas Turk Otomobil Fabrikasi Anonim Sirketi
(72) DOGRUEL, Sertac
ALTINOK, Evren
DERELILER, Hakan
(31) 201410495
(32) 08.09.2014
(33) Turkey

(51) B60S 1/52
(11) EP2504206
(21) EP10824263.7
(47) 31.10.2018
(87) FR2010052484
26.05.2011
(22) 22.11.2010
(54) WINDSCREEN-WIPER BLADE AND DEVICE FOR WIPING AND WASHING A GLAZED SURFACE OF A MOTOR VEHICLE AND CORRESPONDING WIPING AND WASHING METHOD
(73) PSA Automobiles SA
MGI Coutier
(72) JEUFFE, Gérard
HAMZA, Brahim
ISSARTEL, Jean-Michel
BOUGUERRA, Akim Driss
EMAILLE, Rodolphe
(31) 0958273
(32) 23.11.2009
(33) France

(51) B60T 7/04
B60T 8/44
B60T 11/16
B60T 13/14
(11) EP2749462
(21) EP13199319.8
(47) 31.10.2018
(22) 23.12.2013
(54) Hydraulic braking system and method of brake boosting in a motor vehicle
(73) VHIT S.p.A.
(72) Cadeddu, Leonardo
(31) TO20121164
(32) 28.12.2012
(33) Italy

(51) B60T 7/04
B60T 15/04
(11) EP3194221
(21) EP15756395.8
(47) 31.10.2018
(87) EP2015069576
24.03.2016
(22) 27.08.2015
(54) SERVICE BRAKE PEDAL DEVICE WITH A HELICAL SPRING WHICH CAN BE BIASED IN A CONTINUOUS MANNER VIA AN ADJUSTMENT SCREW
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) RÖTHER, Friedbert
SCHMAUDER, Thilo
SCHABINGER, Simon
WÖRNER, Ralf
(31) 102014013941
(32) 19.09.2014
(33) Germany

(51) B60T 7/04
B60T 15/14
(11) EP3194222
(21) EP15756626.6
(47) 31.10.2018
(87) EP2015069578
24.03.2016
(22) 27.08.2015
(54) PEDAL DEVICE HAVING A MAGNETIC COIL ASSEMBLY THAT CAN BE LATERALLY INSERTED
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) RÖTHER, Friedbert
SCHMAUDER, Thilo
SCHABINGER, Simon
WÖRNER, Ralf
(31) 102014013974
(32) 19.09.2014
(33) Germany

(51) B60T 7/12
(11) EP2162328
(21) EP08718041.0
(47) 31.10.2018
(87) EP2008053320
20.11.2008
(22) 19.03.2008
(54) AUTOMATIC PARKING BRAKE WITH SLIP CONTROLLER
(73) Robert Bosch GmbH
(72) BAEHRLE-MILLER, Frank
BLATTERT, Dieter
BOGRAD, Vitaliy
(31) 102007022510
(32) 14.05.2007
(33) Germany

(51) B60T 7/12
F01M 13/02
F02D 41/00
(11) EP2945823
(21) EP14741029.4
(47) 31.10.2018
(87) US2014011721
24.07.2014
(22) 15.01.2014
(54) POLLUTION CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE
(73) Monros, Serge V.
(72) Monros, Serge V.
(31) 201361754384 P
(32) 18.01.2013
(33) United States of America

(51) B60T 8/18
B60T 8/172
(11) EP2872368
(21) EP13762777.4
(47) 31.10.2018
(87) EP2013068601
20.03.2014
(22) 09.09.2013
(54) METHOD FOR DECELERATING A VEHICLE
(73) Siemens Mobility GmbH
(72) BATZ, Ferdinand
STURM, Daniel
(31) 102012216315
(32) 13.09.2012
(33) Germany

(51) B60T 15/50
B60T 17/06
(11) EP2039576
(21) EP08012102.3
(47) 31.10.2018
(22) 04.07.2008
(54) System with an air conditioning assembly
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) Schnittger, Karsten
(31) 102007032963
(32) 16.07.2007
(33) Germany

(51) B60T 17/00
(11) EP2051892
(21) EP07764906.9
(47) 31.10.2018
(87) EP2007005716
14.02.2008
(22) 28.06.2007
(54) COMPRESSED AIR SUPPLY DEVICE FOR A UTILITY VEHICLE AND AIR DRYER CARTRIDGE
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) HILBERER, Eduard
(31) 102006037307
(32) 08.08.2006
(33) Germany

(51) B60W 30/09
B60W 10/18

B60W 50/14
G08G 1/16
B60W 50/02
(11) EP3208165
(21) EP17152078.6
(47) 31.10.2018
(22) 19.01.2017
(54) VEHICLE SAFETY ASSIST SYSTEM
(73) Volvo Car Corporation
(72) Brandin, Magnus
(31) 16152259
(32) 21.01.2016
(33) European Patent Office (EPO)

(51) B60W 30/14
B60W 50/14
(11) EP2944531
(21) EP14168202.1
(47) 31.10.2018
(22) 14.05.2014
(54) Traffic based control system
(73) Volvo Car Corporation
(72) Christensen, Claus Allan
Olesen, Anna
Nolhage, Jesper
Lohse, Henrik
Olsen, Kee

(51) B60W 30/17
B60W 30/18
B60W 50/14
B60W 40/04
B60W 30/14
(11) EP3231681
(21) EP17159378.3
(47) 31.10.2018
(22) 06.03.2017
(54) DRIVING ASSISTANCE SYSTEM
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) NAKADORI, Minoru
(31) 2016044078
(32) 08.03.2016
(33) Japan

(51) B60W 30/18
F16H 61/02
B60W 10/02
B60W 10/10
(11) EP1718511
(21) EP05730391.9
(47) 31.10.2018
(87) EP2005001554
01.09.2005
(22) 16.02.2005
(54) METHOD FOR THE ACTUATION OF AT LEAST TWO CLUTCHES TRANSMITTING TORQUE IN PARALLEL IN THE DRIVE TRAIN OF A MOTOR VEHICLE, AND TRANSMISSION CONTROL UNIT
(73) Volkswagen Aktiengesellschaft
(72) BOTHE, Edgar
SCHWENGER, Andreas
SCHREIBER, Wolfgang
(31) 102004007840
(32) 17.02.2004
(33) Germany

(51) B60W 30/19
B60K 6/48
B60W 10/08
B60W 10/11
B60W 30/18
F16H 3/12
B60K 6/36
B60K 6/40
B60K 6/547
B60W 10/02
B60W 10/06
B60W 20/00
F16H 61/04
F16H 3/091
B60W 20/10
B60W 20/30
B60W 20/40
F16H 63/50
(11) EP3071464
(21) EP14864309.1
(47) 31.10.2018
(87) SE2014051348
28.05.2015
(22) 13.11.2014
(54) METHOD FOR CONTROLLING GEAR SHIFTING IN A HYBRID DRIVELINE BY USE OF AN ELECTRIC MACHINE
(73) Scania CV AB
(72) NILSSON, Mattias
SUNDÉN, Fredrik
LIWELL, Mats
KOURIE, Afram
(31) 1351381
(32) 21.11.2013
(33) Sweden

(51) B60W 30/19
B60W 20/00
B60W 10/02
B60W 10/06
B60W 10/08
B60K 6/48
(11) EP2862770
(21) EP14184680.8
(47) 31.10.2018
(22) 12.09.2014
(54) Method to control a hybrid vehicle during a gear shift phase
(73) Magneti Marelli S.p.A.
(72) Benassi, Daniele
Leoni, Andrea
Monacelli, Francesco
Zanotti, Massimo
(31) BO20130484
(32) 12.09.2013
(33) Italy

(51) B60W 30/19
F16H 3/091
F16H 3/12
F16H 37/04
B60K 6/36
B60K 6/40
B60K 6/48
B60K 6/547
B60W 10/02
B60W 10/06
B60W 10/08
B60W 10/11
B60W 20/00
B60W 30/18
F16H 61/04
B60W 20/30
B60W 20/10
B60W 20/40
F16H 63/50
(11) EP3071463
(21) EP14863135.1
(47) 31.10.2018
(87) SE2014051349
28.05.2015
(22) 13.11.2014
(54) METHOD FOR FAST CHANGE OF GEARS IN A VEHICLE COMPRISING A HYBRID DRIVELINE
(73) Scania CV AB
(72) NILSSON, Mattias
SUNDÉN, Fredrik
LIWELL, Mats
KOURIE, Afram
(31) 1351381
(32) 21.11.2013
(33) Sweden

(51) B60W 50/08
B60W 50/14
B60K 28/06
B60W 40/08
B60W 30/10
B60W 30/14
(11) EP3180221
(21) EP15747425.5
(47) 31.10.2018
(87) EP2015067559
18.02.2016
(22) 30.07.2015
(54) DRIVER ASSISTANCE SYSTEM
(73) Robert Bosch GmbH
(72) SCHERL, Michael
MIELENZ, Holger
MARBERGER, Claus
PAGEL, Michael
(31) 102014216272
(32) 15.08.2014
(33) Germany

(51) B60W 50/14
B60W 40/02
B60R 1/08
B60R 1/02
B60R 11/04
B60R 1/072
(11) EP3052364
(21) EP14849688.8
(47) 31.10.2018
(87) US2014058305
02.04.2015
(22) 30.09.2014
(54) DRIVING ASSISTANCE SYSTEMS AND METHODS
(73) Sackett Solutions & Innovations, LLC
(72) RAU, Nemoy
RAU, Esha
RAU, Hans
(31) 201361884489 P
201414500197
(32) 30.09.2013
29.09.2014
(33) United States of America
United States of America

(51) B61B 9/00
(11) EP2749469
(21) EP13199859.3
(47) 31.10.2018

(22) 30.12.2013
(54) Cable transportation system trolley, and cable transportation system equipped with such a trolley
(73) LEITNER S.p.A.
(72) Wieser, Hartmut
(31) MI20122262
(32) 28.12.2012
(33) Italy

(51) B61L 1/16
B61L 25/02
(11) EP2882626
(21) EP13765303.6
(47) 31.10.2018
(87) EP2013068606
03.04.2014
(22) 09.09.2013
(54) METHOD AND ARRANGEMENT FOR MONITORING A ROUTE SECTION WHICH IS BOUNDED BY TWO AXLE-COUNTING SENSOR UNITS
(73) Siemens Mobility GmbH
(72) OHMSTEDE, Hartwig
(31) 102012217591
(32) 27.09.2012
(33) Germany

(51) B61L 1/18
B61L 15/00
B61L 1/16
B61L 25/02
B61L 27/00
B61L 3/12
(11) EP2879933
(21) EP13762778.2
(47) 31.10.2018
(87) EP2013068609
03.04.2014
(22) 09.09.2013
(54) METHOD FOR LOCATING A RAIL VEHICLE
(73) Siemens Mobility GmbH
(72) OHMSTEDE, Hartwig
(31) 102012217595
(32) 27.09.2012
(33) Germany

(51) B61L 3/18
B61L 15/00
B61L 3/10
(11) EP3141447
(21) EP15185054.2
(47) 31.10.2018
(22) 14.09.2015
(54) CHANGE BETWEEN SEGMENTS OF A NETWORK
(73) Siemens Aktiengesellschaft
(72) Linzmaier, Klaus-Peter

(51) B62B 3/02
B62B 3/12
(11) EP2819908
(21) EP13708865.4
(47) 31.10.2018
(87) GB2013000077
06.09.2013
(22) 26.02.2013
(54) A COMBINATION GOLF TROLLEY AND GOLF BAG
(73) Sutton, Joseph Henry
(72) Sutton, Joseph Henry
(31) 201203424
201222264
(32) 28.02.2012
11.12.2012
(33) United Kingdom
United Kingdom

(51) B62B 5/04
(11) EP2274192
(21) EP09737888.9
(47) 31.10.2018
(87) EP2009003115
05.11.2009
(22) 29.04.2009
(54) UNIT FOR ACTUATING BRAKE SYSTEMS OF TRAVELING DEVICES
(73) Fresenius Medical Care Deutschland GmbH
(72) FAULHABER, Thomas
(31) 102008021604
(32) 30.04.2008
(33) Germany

(51) B62B 7/10
B62B 7/14
B62B 9/10
(11) EP2371672
(21) EP11160676.0
(47) 31.10.2018
(22) 31.03.2011
(54) Mounting system for installing a child support accessory on a stroller frame
(73) Nuna International B.V.
(72) Homan, Maurits
van der Schoor, Thomas
Baas, Erik
Mountz, Jonathan K.
(31) 341549 P
987493
(32) 01.04.2010
10.01.2011
(33) United States of America
United States of America

(51) B62B 7/10
B62B 7/14
B62B 9/10
(11) EP2371671
(21) EP11158679.8
(47) 31.10.2018
(22) 17.03.2011
(54) Collapsible stroller apparatus
(73) Nuna International B.V.
(72) Homan, Maurits
van der Schoor, Thomas
Baas, Erik
Mountz, Jonathan K.
(31) 341549 P
987283
(32) 01.04.2010
10.01.2011
(33) United States of America
United States of America

(51) B62D 1/04
B62D 1/06
G06F 3/042
G06F 3/02
G06F 3/0488
(11) EP3005047
(21) EP14804520.6
(47) 31.10.2018
(87) US2014040112
04.12.2014
(22) 30.05.2014
(54) OPTICAL PROXIMITY SENSORS
(73) Neonode Inc.
(72) HOLMGREN, Stefan
IYER, Sairam
BERGLIND, Richard
NORDSTROM, Karl Erik, Patrik
SPARF, Lars
ROSENGREN, Per
ROSENGREN, Erik
KARLSSON, John
ERIKSSON, Thomas
JUBNER, Alexander
BEHDASHT, Remo
FELLIN, Simon
AMAN, Robin, Kjell
SHAIN, Joseph
(31) 201361828713 P
201361838296 P
201361846089 P
201314140635
201461929992 P
201461972435 P
201461986341 P
(32) 30.05.2013
23.06.2013
15.07.2013
26.12.2013
22.01.2014
31.03.2014
30.04.2014
(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

(51) B62D 5/04
(11) EP3256364
(21) EP16701416.6
(47) 31.10.2018
(87) EP2016000119
18.08.2016
(22) 23.01.2016
(54) METHOD FOR LEARNING AN ADMISSIBLE STEERING ANGLE BY A VEHICLE STEERING DEVICE
(73) Audi AG
(72) SAAL, Andre
HERMAN, Jakob
WEIGL, Bastian
(31) 102015001764
(32) 11.02.2015
(33) Germany

(51) B62D 6/00
B62D 5/04
B62D 101/00
B62D 113/00
B62D 119/00
(11) EP3009332
(21) EP14811079.4
(47) 31.10.2018
(87) JP2014064847
18.12.2014
(22) 04.06.2014
(54) ELECTRIC POWER STEERING DEVICE

(73) KYB Corporation
Subaru Corporation
(72) GOTOU, Hiroyuki
SASAKI, Kazuhiro
OKAMOTO, Yuichiro
YAMAZAKI, Kazuma
(31) 2013121622
(32) 10.06.2013
(33) Japan

(51) B62D 15/02
B60W 30/12
B60W 50/08
(11) EP2219933
(21) EP08856864.7
(47) 31.10.2018
(87) EP2008009908
11.06.2009
(22) 22.11.2008
(54) METHOD AND DEVICE FOR ACTIVELY MAINTAINING A DRIVING LANE
(73) Audi AG
Volkswagen Aktiengesellschaft
(72) ROHLFS, Michael
BROSIG, Stefan
BUSCHARDT, Boris
SCHMIDT, Gerrit
(31) 102007058078
(32) 03.12.2007
(33) Germany

(51) B62D 15/02
G08G 1/00
H04M 1/60
H04M 1/725
(11) EP2481038
(21) EP10760260.9
(47) 31.10.2018
(87) EP2010005765
31.03.2011
(22) 21.09.2010
(54) PORTABLE COMMUNICATION TOOL, DRIVER ASSISTANCE SYSTEM COMPRISING A PORTABLE COMMUNICATION TOOL, AND METHOD FOR AIDING A DRIVER WHEN OPERATING A VEHICLE
(73) Valeo Schalter und Sensoren GmbH
(72) REILHAC, Patrice
(31) 102009048492
(32) 25.09.2009
(33) Germany

(51) B62D 21/15
(11) EP3297893
(21) EP16722421.1
(47) 31.10.2018
(87) SE2016050369
24.11.2016
(22) 26.04.2016
(54) SUB-FRAME METHOD AND ARRANGEMENT FOR RETAINING A REAR SECTION OF A SUB-FRAME
(73) Ningbo Geely Automobile Research & Development Co., Ltd.
(72) SVENSSON, Martin
ANDERSSON, John-Erik
KARLSSON, Roger
ADAMSSON, Dan
LEANDER, Johan
KLINGBERG, Johan
STODDART, Tom
(31) 1550635
(32) 19.05.2015
(33) Sweden

(51) B62D 25/06
B62D 27/02
(11) EP3060454
(21) EP14771335.8
(47) 31.10.2018
(87) EP2014070124
30.04.2015
(22) 22.09.2014
(54) METHOD FOR STIFFENING A CURVED SHEET-METAL PANEL BY MEANS OF A CARDBOARD PANEL
(73) ADHEX TECHNOLOGIES
PSA Automobiles SA
(72) ROBERT, Hervé
GUY,Alain
FAVATA, Hervé
VION, Hervé
(31) 1360291
(32) 22.10.2013
(33) France

(51) B62D 25/06
B62D 29/04
H01L 31/048
B29C 70/48
B29C 70/72
(11) EP2163459
(21) EP09009757.7
(47) 31.10.2018
(22) 28.07.2009
(54) Method for producing a component, in particular of an outer body panel for motor vehicles
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) Mohr, Philipp
(31) 102008046765
(32) 11.09.2008
(33) Germany

(51) B62D 25/16
B62D 25/20
(11) EP3197754
(21) EP15775507.5
(47) 31.10.2018
(87) IB2015057286
31.03.2016
(22) 22.09.2015
(54) AUTOMOTIVE VEHICLE STRUCTURAL PART AND METHOD OF PRODUCING THE SAME
(73) ArcelorMittal
(72) SCHNEIDER, Nicolas
(31) PCT/IB2014/064736
(32) 22.09.2014
(33) World Intellectual Property Office (WIPO)

(51) B62D 25/18
B60B 39/02
B62D 25/16
(11) EP3168117
(21) EP16198181.6
(47) 31.10.2018
(22) 10.11.2016
(54) SPRAY SUPRESSANT APPARATUS
(73) Tirsan Treyler Sanayi Ve Ticaret Anonim Sirketi
(72) YILMAZ, TUGAY
AKINCI, VOLKAN
(31) 201514207
(32) 12.11.2015
(33) Turkey

(51) B62D 27/06
B62D 35/00
(11) EP3174778
(21) EP15756971.6
(47) 31.10.2018
(87) FR2015052100
04.02.2016
(22) 29.07.2015
(54) TWO-PART MOTOR VEHICLE SPOILER
(73) Compagnie Plastic Omnium
(72) LETERRIER, Franck
(31) 1457520
(32) 01.08.2014
(33) France

(51) B62D 29/00
B62D 25/04
B62D 25/02
(11) EP3050781
(21) EP14847232.7
(47) 31.10.2018
(87) JP2014071240
02.04.2015
(22) 11.08.2014
(54) VEHICLE BODY REINFORCING STRUCTURE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) INAMOTO, Yoshiteru
(31) 2013202606
(32) 27.09.2013
(33) Japan

(51) B62D 33/023
(11) EP3197757
(21) EP14787282.4
(47) 31.10.2018
(87) IB2014064737
31.03.2016
(22) 22.09.2014
(54) METHOD FOR PRODUCING A DOOR ELEMENT OF AN AUTOMOTIVE VEHICLE AND DOOR ELEMENT OF AN AUTOMOTIVE VEHICLE
(73) Arcelormittal
(72) SCHNEIDER, Nicolas

(51) B62D 33/04
B60Q 1/26
B60Q 1/48
F21S 4/00
A62C 27/00
(11) EP2783953
(21) EP13161368.9
(47) 31.10.2018
(22) 27.03.2013
(54) Edge profile for bordering a superstructure of a rescue vehicle, in particular a fire fighting vehicle
(73) IVECO MAGIRUS AG
(72) Mühe-Sturm, Frank
Kraemer, Jens

(51) B62D 35/02
B60R 13/08
B60G 3/20
B60G 7/00

B62D 25/20
B62D 29/04
(11) EP3077278
(21) EP14792843.6
(47) 31.10.2018
(87) EP2014073610
11.06.2015
(22) 03.11.2014
(54) UNDERBODY CLADDING FOR A TWO-TRACK MOTOR VEHICLE AND TWO-TRACK MOTOR VEHICLE WITH SUCH AN UNDERBODY CLADDING
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) SCHMIDT, Roland
SCHOLZ, Hubert
(31) 102013225083
(32) 06.12.2013
(33) Germany

(51) B62D 55/00
B62D 55/08
B62D 55/12
B62D 55/253
B62D 55/10
(11) EP3074301
(21) EP14806212.8
(47) 31.10.2018
(87) EP2014075396
04.06.2015
(22) 24.11.2014
(54) TRAVELING DEVICE AND WORKING MACHINE
(73) Caterpillar SARL
(72) MIYATA, Kazuhisa
IZAWA, Michihiro
IMAGAWA, Masamitsu
KIDOGUCHI, Shuji
(31) 2013246537
(32) 28.11.2013
(33) Japan

(51) B62D 65/02
(11) EP3049317
(21) EP14777711.4
(47) 31.10.2018
(87) FR2014052193
02.04.2015
(22) 05.09.2014
(54) METHOD FOR TOUCHING UP AN ELEMENT OF THE BODY OF A MOTOR VEHICLE
(73) PSA Automobiles SA
(72) GRANGEIRO, Henriqué
(31) 1359236
(32) 25.09.2013
(33) France

(51) B62H 5/00
B62J 11/00
(11) EP2986489
(21) EP14721227.8
(47) 31.10.2018
(87) EP2014057550
23.10.2014
(22) 14.04.2014
(54) HELMET LOCKING DEVICE
(73) St-Gallay, Martin
(72) St-Gallay, Martin
(31) 201306831
(32) 15.04.2013
(33) United Kingdom

(51) B62J 1/08
(11) EP3165436
(21) EP16190454.5
(47) 31.10.2018
(22) 11.04.2014
(54) ADJUSTING STRUCTURE FOR SEATPOST OF BICYCLE
(73) Giant Manufacturing Co., Ltd.
(72) Tseng, Wei-Han
(31) 102206728
102206729
(32) 12.04.2013
12.04.2013
(33) Taiwan, Province of China
Taiwan, Province of China

(51) B62J 9/02
B62J 37/00
B62J 9/00
(11) EP3184408
(21) EP16205418.3
(47) 31.10.2018
(22) 20.12.2016
(54) MOTORCYCLE
(73) KAWASAKI JUKOGYO KABUSHIKI KAISHA
(72) UCHIDA, Takashi
KUNISADA, Youhei
(31) 2015250410
2016163888
(32) 22.12.2015
24.08.2016
(33) Japan
Japan

(51) B62J 11/00
B62K 21/12
B62J 99/00
(11) EP2583885
(21) EP12184871.7
(47) 31.10.2018
(22) 18.09.2012
(54) Bicycle accessory mounting structure
(73) SHIMANO INC.
(72) Onogi, Takumi
(31) 201113276379
(32) 19.10.2011
(33) United States of America

(51) B62J 23/00
B62J 6/04
B62J 15/00
(11) EP3050786
(21) EP13894440.0
(47) 31.10.2018
(87) JP2013076338
02.04.2015
(22) 27.09.2013
(54) TWO-WHEELED MOTOR VEHICLE
(73) Honda Motor Co., Ltd.
(72) TAGUMA, Takahiro
YOSHIMURA, Kazunori
GATO, Takumi

(51) B62K 5/027
B62K 11/04
(11) EP3135572
(21) EP16179843.4
(47) 31.10.2018
(22) 18.07.2016
(54) STRADDLE TYPE VEHICLE
(73) Honda Motor Co., Ltd.
(72) Yokoyama, Yuichi
(31) 2015171521
(32) 31.08.2015
(33) Japan

(51) B62K 5/05
B62K 5/08
B62K 19/38
B62L 3/02
B62L 3/08
B60T 11/10
B60T 17/04
B62J 17/02
B62K 5/027
B62K 5/10
(11) EP3002198
(21) EP14819895.5
(47) 31.10.2018
(87) JP2014067479
08.01.2015
(22) 30.06.2014
(54) VEHICLE PROVIDED WITH LEANING-CAPABLE VEHICLE-BODY FRAME AND TWO FRONT WHEELS
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) HIRAYAMA, Yosuke
(31) 2013138482
(32) 01.07.2013
(33) Japan

(51) B62K 5/10
B62K 5/08
(11) EP2712796
(21) EP13182848.5
(47) 31.10.2018
(22) 03.09.2013
(54) Wheel suspension for an inclining vehicle
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) Seidl, Josef
(31) 102012217416
(32) 26.09.2012
(33) Germany

(51) B62K 23/00
B62M 25/08
B62M 9/132
B62M 9/122
(11) EP2399813
(21) EP11159688.8
(47) 31.10.2018
(22) 25.03.2011
(54) Bicycle control system
(73) Shimano Inc.
(72) Kitamura, Satoshi
(31) 821505
(32) 23.06.2010
(33) United States of America

(51) B62L 3/00
B60T 8/34
(11) EP3093226
(21) EP13898198.0
(47) 31.10.2018
(87) JP2013007028
04.06.2015
(22) 29.11.2013
(54) MOTORCYCLE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) ISHII, Hiroshi

YAMAMOTO, Tomo
SAEKI, Daisuke

(51) B62M 6/50
B62M 6/70
(11) EP2423093
(21) EP11175791.0
(47) 31.10.2018
(22) 28.07.2011
(54) Bicycle with auxiliary power unit
(73) Honda Motor Co., Ltd.
(72) Kuroki, Masahiro
Ikegami, Kentaro
(31) 2010192754
(32) 30.08.2010
(33) Japan

(51) B63B 23/32
B63B 27/36
(11) EP3166842
(21) EP15751126.2
(47) 31.10.2018
(87) NL2015050503
14.01.2016
(22) 09.07.2015
(54) SYSTEM AND METHOD FOR LAUNCHING, AND RECOVERING, A DAUGHTER BOAT FROM A STERN OF A MOTHER SHIP
(73) High-tech Solutions & Design B.V.
(72) VAN DER ZEE, Anno Adriaan
(31) 2013163
(32) 10.07.2014
(33) Netherlands

(51) B63B 35/44
(11) EP3237277
(21) EP15825910.1
(47) 31.10.2018
(87) AT2015050325
30.06.2016
(22) 22.12.2015
(54) FLOATING PLATFORM
(73) Swimsol GmbH
(72) PRASCHL, Alexander
MIKATS, Thomas
PUTSCHEK, Martin
(31) 509362014
(32) 22.12.2014
(33) Austria

(51) B63B 35/71
(11) EP3172127
(21) EP15824997.9
(47) 31.10.2018
(87) US2015040576
28.01.2016
(22) 15.07.2015
(54) ADJUSTABLE KAYAK CHAIR IM
(73) Hobie Cat Company
(72) KETTERMAN, Gregory Scott
CZAMOWSKI, James Taylor
KARDAS, Jason Christopher
DOW, Philip James
BRACKETT, William Drew
(31) 201462028496 P
201514792012
(32) 24.07.2014
06.07.2015
(33) United States of America
United States of America

(51) B63B 43/06
B63B 11/00
B63B 11/02
B63B 13/00
B63B 43/04
B63B 35/54
(11) EP3205570
(21) EP17156643.3
(47) 31.10.2018
(22) 26.06.2013
(54) VESSEL
(73) Mitsubishi Shipbuilding Co., Ltd.
(72) YAMATO, Kuniaki
ONZUKA, Masanori
(31) 2012144769
(32) 27.06.2012
(33) Japan

(51) B64C 1/14
(11) EP2563652
(21) EP11723502.8
(47) 31.10.2018
(87) FR2011050939
03.11.2011
(22) 22.04.2011
(54) METHOD FOR ASSEMBLING A FRAME WITH A STRUCTURE AND RESULTING ASSEMBLY, IN PARTICULAR FRAME AROUND AN OPENING IN AN AIRCRAFT FUSELAGE
(73) Airbus Operations SAS
(72) MILLIERE, Jérôme
(31) 1058884
1053362
(32) 28.10.2010
30.04.2010
(33) France
France

(51) B64C 1/14
B60J 1/00
G09F 3/18
E06B 3/66
(11) EP1874622
(21) EP06743836.6
(47) 31.10.2018
(87) FR2006050379
02.11.2006
(22) 24.04.2006
(54) GLAZING COMPRISING AN ELECTRONIC DEVICE AND METHOD OF READING/WRITING INFORMATION IN SAID DEVICE
(73) SAINT-GOBAIN GLASS FRANCE
(72) FOUREAU, Frédéric
(31) 0553755
102005019326
(32) 07.12.2005
26.04.2005
(33) France
Germany

(51) B64C 1/14
B64D 41/00
(11) EP2947002
(21) EP15166043.8
(47) 31.10.2018
(22) 30.04.2015
(54) DRAIN MAST SEAL HAVING SEGREGATED CHAMBERS
(73) Honeywell International Inc.
(72) Velarde, Ernesto
Robbins, Rob
Geyer, Gregory John
(31) 201414284147
(32) 21.05.2014
(33) United States of America

(51) B64C 3/56
B64C 3/18
(11) EP3013684
(21) EP14854050.3
(47) 31.10.2018
(87) US2014047433
23.04.2015
(22) 21.07.2014
(54) MANUAL WING-FOLD MECHANISM
(73) Icon Aircraft, Inc.
(72) GIONTA, Matthew
KARKOW, Jon
WILDING, Joseph
JAGEMANN, Michael
(31) 201361858825 P
201414335083
(32) 26.07.2013
18.07.2014
(33) United States of America
United States of America

(51) B64C 13/10
B64C 13/46
B64C 27/56
F16D 21/02
F16D 27/108
F16D 27/112
F16D 27/12
(11) EP3191365
(21) EP15762565.8
(47) 31.10.2018
(87) EP2015070561
17.03.2016
(22) 09.09.2015
(54) AIRCRAFT FLIGHT CONTROL INCEPTOR WITH FORCE-FEEDBACK HAVING AN EMERGENCY PATH
(73) Safran Electronics & Defense
(72) CREMIERE, Benoît
(31) 1458458
(32) 09.09.2014
(33) France

(51) B64C 13/40
B64C 1/38
B64C 9/02
F16B 5/02
(11) EP2532585
(21) EP12170610.5
(47) 31.10.2018
(22) 01.06.2012
(54) Method and assembly for attaching components
(73) United Technologies Corporation
(72) Twelves, Wendell V.
Sinnamon, Kathleen E.
(31) 201113157284
(32) 09.06.2011
(33) United States of America

(51) B64C 27/00
B64C 27/06
B64C 27/14
F02C 7/272
F01D 13/00

(11) EP3126232
(21) EP15717044.0
(47) 31.10.2018
(87) FR2015050817
08.10.2015
(22) 30.03.2015
(54) DRIVE CHAIN FOR A HELICOPTER INCORPORATING A PYROTECHNIC ASSISTANCE DRIVE MODULE AND HELICOPTER COMPRISING SAME
(73) Safran Helicopter Engines
(72) BESSE, Jean-Louis Robert Guy
(31) 1452989
(32) 03.04.2014
(33) France

(51) B64C 27/00
B64C 27/10
B64C 27/50
(11) EP3038903
(21) EP14839405.9
(47) 31.10.2018
(87) US2014031943
05.03.2015
(22) 27.03.2014
(54) NON-LOADED MANUAL BLADE FOLD ASSEMBLY
(73) Sikorsky Aircraft Corporation
(72) DARROW, David A. Jr.
D'ANNA, Frank P.
(31) 201361871074 P
(32) 28.08.2013
(33) United States of America

(51) B64C 39/02
A63H 27/00
(11) EP3202475
(21) EP17150628.0
(47) 31.10.2018
(22) 09.01.2017
(54) PROPULSION UNIT ALLOWING THE DISPLAY OF A MESSAGE
(73) Parrot Drones
(72) BENATAR, Yoni
FOIRET, Alexis
(31) 1650839
(32) 03.02.2016
(33) France

(51) B64C 39/02
B63B 35/73
B63H 11/08
B63H 11/10
(11) EP3095696
(21) EP16170966.2
(47) 31.10.2018
(22) 20.04.2012
(54) DEVICE AND SYSTEM FOR PROPELLING A PASSENGER
(73) ZIPH20
(72) ZAPATA, Frankie
(31) 1158297
(32) 19.09.2011
(33) France

(51) B64D 9/00
B63B 25/22
B63B 25/24
B60P 7/13
(11) EP2647569
(21) EP13162001.5
(47) 31.10.2018
(22) 02.04.2013
(54) Attenuating cargo restraint device
(73) Ancra International LLC
(72) Moradians, Edward
Rowles, John F
(31) 201261619842 P
201213463610
(32) 03.04.2012
03.05.2012
(33) United States of America
United States of America

(51) B64D 11/00
(11) EP2537752
(21) EP12170393.8
(47) 31.10.2018
(22) 01.06.2012
(54) Movable stowage bin
(73) Airbus Operations GmbH
(72) Schneider, Uwe
Abel, Bengt
Bielik, Peter
Kotian, Raj
(31) 102011105005
201161498700 P
(32) 20.06.2011
20.06.2011
(33) Germany
United States of America

(51) B64D 11/04
(11) EP2830943
(21) EP13716644.3
(47) 31.10.2018
(87) US2013034357
03.10.2013
(22) 28.03.2013
(54) AIRCRAFT MONUMENT INTEGRATED ATTACHMENT DEVICE
(73) B/E Aerospace, Inc.
(72) BURD, Peter John Leslie
(31) 201261616952 P
201313851838
(32) 28.03.2012
27.03.2013
(33) United States of America
United States of America

(51) B64D 11/06
(11) EP3134320
(21) EP15727091.9
(47) 31.10.2018
(87) US2015027435
29.10.2015
(22) 24.04.2015
(54) AIRCRAFT SEAT WITH OCCUPANT WEIGHT SENSING MECHANISM TO ADJUST TILTRECLINE FORCE
(73) B/E Aerospace, Inc.
(72) OLESON, Michael
KOUSTUBHAN, Arjun
STARIKOV, Anatoly
(31) 201461983781 P
(32) 24.04.2014
(33) United States of America

(51) B64D 11/06
B60N 2/23
B60N 2/42
(11) EP2610178
(21) EP12198140.1
(47) 31.10.2018
(22) 19.12.2012
(54) Seating device
(73) Recaro Aircraft Seating GmbH & Co. KG
(72) Schreyer, Tim
Schweizer, Oliver
Minzer, Heiko
(31) 102011122186
(32) 27.12.2011
(33) Germany

(51) B64D 13/06
F28D 20/02
(11) EP2412631
(21) EP10197229.7
(47) 31.10.2018
(22) 29.12.2010
(54) Cooling device for high temperature fluid and cooling method for high temperature fluid.
(73) Agency For Defense Development
(72) Yoo, Young-June
Lee, Hyung-Ju
Lee, Jae-Yun
Park, Geun-Hong
Jin, Sang-Wook
Oh, Chang-Mook
Baek, Nak-Gon
Min, Seong-Ki
Lim, Jin-Shik
(31) 20100074259
(32) 30.07.2010
(33) Korea (Republic)

(51) B64D 27/02
B64D 27/14
(11) EP3048048
(21) EP15201624.2
(47) 31.10.2018
(22) 21.12.2015
(54) AN AIRCRAFT
(73) Rolls-Royce plc
(72) Moxon, Matthew
(31) 201500996
(32) 21.01.2015
(33) United Kingdom

(51) B64D 27/10
B64D 27/26
(11) EP3194272
(21) EP15787650.9
(47) 31.10.2018
(87) FR2015052478
24.03.2016
(22) 16.09.2015
(54) METHOD AND DEVICE FOR MOUNTING AN ENGINE ON AN AIRCRAFT PYLON
(73) SAFRAN AIRCRAFT ENGINES
(72) LAMBEY, Mario
BEUTIN, Bruno, Albert
TESNIERE, Marc, Patrick
(31) 1458756
(32) 16.09.2014
(33) France

(51) B64D 27/16
B64D 41/00
F02C 7/32
F02C 7/36
(11) EP2452878
(21) EP11250897.3
(47) 31.10.2018
(22) 16.11.2011

(54) Propulsion system for an aircraft, aircraft and method of operating a propulsion system
(73) Rolls-Royce Corporation
(72) Burns, Donald
Rajashekara, Kaushik
(31) 947451
(32) 16.11.2010
(33) United States of America

(51) B64D 31/06
B64C 39/02
(11) EP3080673
(21) EP14906298.6
(47) 31.10.2018
(87) CN2014091798
26.05.2016
(22) 20.11.2014
(54) ADDRESSING METHOD FOR FUNCTIONAL MODULES OF A MOVABLE OBJECT
(73) SZ DJI Technology Co., Ltd.
(72) XIAO, Wenlong
WAN, Xiaojian

(51) B64D 33/04
B64D 33/08
(11) EP3183172
(21) EP15749890.8
(47) 31.10.2018
(87) IB2015055735
25.02.2016
(22) 29.07.2015
(54) ACTUATED OUTLET DOOR FOR AIRCRAFT HIGH-TEMPERATURE EXHAUST
(73) Bombardier Inc.
(72) IAROCCI, Nick
SADRI, Reza
POIRIER, Vincent
DUSSAULT, Kathleen
BOILEAU, Edmond
(31) 201462039648 P
(32) 20.08.2014
(33) United States of America

(51) B64D 37/02
B64D 37/32
B64D 45/02
H05F 3/02
B65D 90/46
(11) EP1773663
(21) EP05767545.6
(47) 31.10.2018
(87) GB2005003018
09.02.2006
(22) 02.08.2005
(54) FUEL TANK FOR AN AIRCRAFT
(73) Airbus Operations Limited
(72) TICHBORNE, Franklin George
LEY, Kim Michael
(31) 0417473
(32) 05.08.2004
(33) United Kingdom

(51) B64D 37/06
B64D 37/32
B60K 15/03
F41H 5/04
(11) EP3140194
(21) EP15726248.6
(47) 31.10.2018
(87) GB2015051322
12.11.2015
(22) 06.05.2015
(54) LIQUID STORAGE SYSTEM
(73) BAE Systems PLC
(72) PARK, Nicholas
JENKINS, Simon Anthony
(31) 201408013
14275102
(32) 07.05.2014
07.05.2014
(33) United Kingdom
European Patent Office (EPO)

(51) B64D 37/06
G01F 23/292
(11) EP3208196
(21) EP17155527.9
(47) 31.10.2018
(22) 10.02.2017
(54) IMPROVED FUEL TANK FOR AIRCRAFT, AND DEVICE FOR DETECTING WATER
(73) Zodiac Aerotechnics
(72) REYNARD, Bruno
(31) 1651410
(32) 22.02.2016
(33) France

(51) B64D 37/32
(11) EP2969767
(21) EP14707809.1
(47) 31.10.2018
(87) EP2014054212
18.09.2014
(22) 05.03.2014
(54) AIRCRAFT FUEL TANK INERTING SYSTEMS
(73) Eaton Intelligent Power Limited
(72) JONES, Matt
(31) 201304520
(32) 13.03.2013
(33) United Kingdom

(51) B64D 39/06
(11) EP2690019
(21) EP13171808.2
(47) 31.10.2018
(22) 13.06.2013
(54) Refueling boom disconnection system
(73) The Boeing Company
(72) Hatcher, Justin Cleve
Brdar, Timothy Robert
(31) 201213555756
(32) 23.07.2012
(33) United States of America

(51) B64D 43/00
B64C 1/14
B64C 27/04
B64D 13/06
(11) EP2783987
(21) EP14000637.0
(47) 31.10.2018
(22) 24.02.2014
(54) Aircraft provided with a cockpit having optimised outer visibility, and method
(73) Airbus Helicopters
(72) Baudry, Jean-Pierre
Certain, Nicolas
(31) 1300699
(32) 26.03.2013
(33) France

(51) B64D 43/00
G06F 3/01
G06F 3/0488
G06F 3/0484
(11) EP3239053
(21) EP17168276.8
(47) 31.10.2018
(22) 26.04.2017
(54) CENTER PEDESTAL DISPLAY
(73) Bell Helicopter Textron Inc.
(72) KIHARA, Steven W
ERWIN, Jeffrey W
CHAVEZ, Jeremy R
(31) 201662328582 P
201715497113
(32) 27.04.2016
25.04.2017
(33) United States of America
United States of America

(51) B64D 45/04
G08G 5/02
(11) EP1464576
(21) EP04290343.5
(47) 31.10.2018
(22) 10.02.2004
(54) Method and device for aiding piloting of an aircraft when landing
(73) AIRBUS OPERATIONS (SAS)
(72) Peyrucain, Eric
Rouquette, Patrice
Jourdan, Christophe
(31) 0303333
(32) 19.03.2003
(33) France

(51) B64F 5/00
(11) EP2227418
(21) EP07847529.0
(47) 31.10.2018
(87) EP2007063013
04.06.2009
(22) 29.11.2007
(54) WING MOUNTING
(73) Airbus Opérations SAS
(72) LAFON, Paul

(51) B64G 5/00
F16L 55/00
(11) EP3095715
(21) EP16169659.6
(47) 31.10.2018
(22) 13.05.2016
(54) REFUELLING CONNECTION MODULE FOR SPACE LAUNCHER
(73) Safran Aero Boosters SA
(72) Delcommune, Julien
(31) 201505305
(32) 18.05.2015
(33) Belgium

(51) B65B 1/04
B65B 1/02
B65B 3/04
(11) EP2616336
(21) EP11825749.2
(47) 31.10.2018
(87) US2011051284
22.03.2012
(22) 13.09.2011

(54) MOLD DEVICE
(73) Discma AG
(72) MAKI, Kirk Edward
LISCH, George David
(31) 201113230164
382138 P
(32) 12.09.2011
13.09.2010
(33) United States of America
United States of America

(51) B65B 3/00
A61J 1/14
A61J 3/00
A61M 5/00
(11) EP2969774
(21) EP14764580.8
(47) 31.10.2018
(87) US2014030052
18.09.2014
(22) 15.03.2014
(54) CONTROLLED NON-CLASSIFIED FILLING DEVICE AND METHOD
(73) Dr. Py Institute LLC
(72) PY, Daniel
(31) 201361798210 P
(32) 15.03.2013
(33) United States of America

(51) B65B 3/04
B65B 57/14
G01N 21/90
G06T 7/00
A23L 3/00
B65B 25/22
B65B 7/00
G06K 9/62
G06T 7/13
(11) EP3224145
(21) EP14833434.5
(47) 31.10.2018
(87) US2014072456
30.06.2016
(22) 27.12.2014
(54) FOOD PROCESSING METHOD AND SYSTEM
(73) Hill's Pet Nutrition, Inc.
(72) MAGANA, Moses Alexander

(51) B65B 5/04
B65B 5/06
B65B 5/10
B65B 35/30
B65D 77/06
B65D 81/02
B65B 35/32
B65B 41/14
B65B 61/10
B65B 55/20
(11) EP3114035
(21) EP15758265.1
(47) 31.10.2018
(87) FI2015050069
11.09.2015
(22) 03.02.2015
(54) METHOD FOR PACKING LIQUID POUCHES INTO PACKAGING CARTONS, AND AN ARRANGEMENT FOR PROTECTING THE LIQUID POUCHES
(73) Elecster OYJ
(72) HALONEN, Jukka
KAUKONEN, Pertti
PELKONEN, Sami
VIERIMAA, Harri
(31) 20145203
(32) 04.03.2014
(33) Finland

(51) B65B 5/06
(11) EP3233638
(21) EP15808654.6
(47) 31.10.2018
(87) EP2015079731
23.06.2016
(22) 15.12.2015
(54) PACKAGING SNACK FOOD CHIPS
(73) Frito-Lay Trading Company GmbH
(72) WORTH, Paul
(31) 201422515
(32) 17.12.2014
(33) United Kingdom

(51) B65B 19/22
B65B 35/58
B65G 29/00
B65G 47/84
B65B 59/02
(11) EP3222534
(21) EP17162190.7
(47) 31.10.2018
(22) 21.03.2017
(54) PACKAGING MACHINE AND WRAPPING METHOD FOR THE PRODUCTION OF A PACK OF TOBACCO ARTICLES
(73) G.D SOCIETA' PER AZIONI
(72) Milandri, Francesco
Squarzoni, Michele
Federici, Luca
(31) UA20161860
(32) 21.03.2016
(33) Italy

(51) B65B 21/24
B65B 35/40
B65B 51/02
B65B 5/02
B65B 7/20
B65B 43/26
(11) EP2986513
(21) EP14785938.3
(47) 31.10.2018
(87) US2014034280
23.10.2014
(22) 16.04.2014
(54) SYSTEM AND METHOD FOR PACKAGING OF NESTED PRODUCTS
(73) Graphic Packaging International, LLC
(72) MONCRIEF, Frank, N.
WARNER, David, F.
FORD, Colin
(31) 201361854154 P
(32) 17.04.2013
(33) United States of America

(51) B65B 23/06
A01K 43/00
B65G 47/34
(11) EP3256388
(21) EP16710026.2
(47) 31.10.2018
(87) NL2016050065
18.08.2016
(22) 28.01.2016
(54) EGG ORIENTATION DEVICE
(73) Sanovo Technology Netherlands B.V.
(72) WIKKERINK, Dirk Willem
PAPEN, Edwin Lambertus Maria
(31) 2014284
(32) 12.02.2015
(33) Netherlands

(51) B65B 25/00
B65B 11/34
(11) EP2218645
(21) EP10004982.4
(47) 31.10.2018
(22) 27.02.2006
(54) Method and device for packaging small articles
(73) THEEGARTEN-PACTEC GMBH & CO. KG
(72) Wehner, Gert
Stötzner, Rudolf
Seibt, Wilfried
(31) 102005017329
(32) 14.04.2005
(33) Germany

(51) B65B 35/24
B65B 35/44
B65B 43/56
B65B 43/62
B65B 5/10
B65B 5/12
B65G 54/00
B26D 7/32
B65B 25/06
B65B 43/52
B65B 5/08
B65B 61/28
(11) EP2894101
(21) EP15150067.5
(47) 31.10.2018
(22) 05.01.2015
(54) Method and device for the arrangement of a plurality of food items in at least one lower portion of a package
(73) Weber Maschinenbau GmbH Breidenbach
(72) Bergmann, Marco
(31) 102014000132
(32) 13.01.2014
(33) Germany

(51) B65B 45/00
B65B 11/54
B65B 25/06
B65B 41/14
B65B 59/00
B65B 11/12
(11) EP3177533
(21) EP15771247.2
(47) 31.10.2018
(87) IB2015055808
11.02.2016
(22) 31.07.2015
(54) APPARATUS FOR PACKAGING A PRODUCT WITH AN EXTENSIBLE FILM
(73) Anigma Consulting SAGL
(72) CAPPI, Angelo
TODOROV, Georgi Dimitrov
(31) MO20140234
(32) 07.08.2014

(33) Italy

(51) B65B 49/00
B65B 49/08
B65B 23/20
B65B 59/02
B65B 59/04
B65B 41/02
B25J 15/00
B65B 51/02
B65B 57/00
(11) EP3204300
(21) EP15747546.8
(47) 31.10.2018
(87) IB2015054918
14.04.2016
(22) 30.06.2015
(54) PACKAGING AND GRIPPING GROUP FOR FLAT ARTICLES, AS WELL AS RESPECTIVE METHOD
(73) Bema S.r.l.
(72) MURAROTTO, Emilio
(31) VR20140239
(32) 08.10.2014
(33) Italy

(51) B65B 55/02
B65B 55/10
B65B 7/28
B67B 3/20
B67C 3/22
(11) EP3215424
(21) EP15820318.2
(47) 31.10.2018
(87) NL2015050763
12.05.2016
(22) 02.11.2015
(54) DEVICE FOR THE FILLING AND/OR CLOSING OF CONTAINERS HAVING A DRIVE SHAFT DECONTAMINATION BOX.
(73) JBT Food & Dairy Systems B.V.
(72) KRAKERS, Bernardus Antonius Johannes
(31) 2013735
(32) 04.11.2014
(33) Netherlands

(51) B65B 55/08
A61L 2/08
G21K 5/04
(11) EP3061694
(21) EP14855158.3
(47) 31.10.2018
(87) JP2014068248
30.04.2015
(22) 09.07.2014
(54) CONTAINER STERILIZATION METHOD AND CONTAINER STERILIZATION EQUIPMENT
(73) Hitachi Zosen Corporation
(72) YOKOBAYASHI, Takayasu
(31) 2013220695
(32) 24.10.2013
(33) Japan

(51) B65C 9/04
B67C 3/24
(11) EP3025974
(21) EP15193891.7
(47) 31.10.2018
(22) 10.11.2015
(54) SUPPORT PLATE FOR USE IN CONTAINER HANDLING AND/OR EQUIPMENT DEVICES
(73) KRONES Aktiengesellschaft
(72) RICHTER, Stefan
(31) 202014105768 U
(32) 28.11.2014
(33) Germany

(51) B65D 5/38
B65D 5/54
(11) EP3251962
(21) EP17171701.0
(47) 31.10.2018
(22) 18.05.2017
(54) CHILD RESISTANT PACKAGE AND BLANK THEREFORE
(73) Multi Packaging Solutions UK Limited
(72) MULVEY, Robert
(31) 201609773
(32) 03.06.2016
(33) United Kingdom

(51) B65D 5/42
B65D 5/44
(11) EP2943411
(21) EP14703645.3
(47) 31.10.2018
(87) US2014010587
17.07.2014
(22) 08.01.2014
(54) REINFORCED CARTON
(73) Georgia-Pacific Corrugated LLC
(72) WESTNEY, John Leigh
WIDNER, Ernest B.
SAMOTIS, Theodore Andrew
AKSAN, Yavuz
(31) 201361750428 P
(32) 09.01.2013
(33) United States of America

(51) B65D 5/66
B65D 21/02
B65D 5/42
B65D 81/36
(11) EP3178748
(21) EP16202122.4
(47) 31.10.2018
(22) 05.12.2016
(54) PIZZA BOX
(73) INPACT S.r.l.
(72) RUBINO, Diego
(31) UB20151683 U
(32) 07.12.2015
(33) Italy

(51) B65D 5/66
B65D 85/10
(11) EP3237292
(21) EP15825861.6
(47) 31.10.2018
(87) IB2015059924
30.06.2016
(22) 23.12.2015
(54) CIGARETTE PACKET AND METHOD FOR ITS PRODUCTION
(73) G.D S.p.A.
(72) D'ALFONSO, Lorena
MARCHITTO, Giuseppe
POLLONI, Roberto
FEDERICI, Luca
(31) BO20140731
(32) 23.12.2014
(33) Italy

(51) B65D 5/68
A61L 2/20
A61L 2/26
B65D 5/22
B65D 5/42
(11) EP3253664
(21) EP16703146.7
(47) 31.10.2018
(87) EP2016052545
11.08.2016
(22) 05.02.2016
(54) PACKAGING FOR STERILE PRODUCTS
(73) DS SMITH PLASTICS FRANCE
(72) ANTOINE, Jacques
BAUMANN, Daniel
FRENEAT, Jérémy
MAIRE, Christian
MIRANDA, Sébastien
(31) 1550917
(32) 05.02.2015
(33) France

(51) B65D 5/74
B31B 50/84
(11) EP2909092
(21) EP13752878.2
(47) 31.10.2018
(87) EP2013066808
24.04.2014
(22) 12.08.2013
(54) RECLOSABLE POUR-OUT ELEMENT FOR PACKAGING, MANDREL OF A ROTATABLE MANDREL WHEEL IN A PACKAGING MACHINE FOR RECEIVING SUCH A POUR-OUT ELEMENT AND COMBINATION OF POUR-OUT ELEMENT AND MANDREL
(73) SIG Technology AG
(72) VETTEN, Thomas
HIMMELSBACH, Sven
(31) 102012020529
(32) 19.10.2012
(33) Germany

(51) B65D 6/26
(11) EP3177538
(21) EP15753972.7
(47) 31.10.2018
(87) FR2015052118
11.02.2016
(22) 31.07.2015
(54) BASKET FOR TRANSPORTING AND/OR STORING PARTS, OF THE ASSEMBLED TYPE, USING CORNER PIECES EACH HAVING SUCCESSIVE COOPERATING PORTIONS
(73) CRONITE CZ
(72) AMADASI, Jean-Noël
URBANEK, Ivan
(31) 1401829
(32) 08.08.2014
(33) France

(51) B65D 21/04
B65D 77/06
B65D 77/04
B65D 88/02
(11) EP2374722
(21) EP11386007.6

(47) 31.10.2018
(22) 06.04.2011
(54) Plastic conical rectangular tank for packaging and transporting liquid products
(73) Douralis, Christofillis
(72) Douralis, Christofillis
(31) 20100100216
(32) 06.04.2010
(33) Greece

(51) B65D 33/00
(11) EP3184454
(21) EP16188110.7
(47) 31.10.2018
(22) 09.09.2016
(54) PACKAGING SYSTEM
(73) Erin Borges designs LLC
(72) BORGES, Erin Colleen
(31) 201514977622
(32) 21.12.2015
(33) United States of America

(51) B65D 47/20
A61M 39/04
F16K 15/14
B05B 11/00
(11) EP2723648
(21) EP12728533.6
(47) 31.10.2018
(87) EP2012061634
27.12.2012
(22) 19.06.2012
(54) DEVICE FOR RECEIVING AND DISPENSING A FLUID
(73) Weibel CDS AG
(72) WEIBEL, Ludwig Daniel
(31) 11170663
(32) 21.06.2011
(33) European Patent Office (EPO)

(51) B65D 51/28
B65D 81/20
B65D 81/24
B65D 81/32
C12H 1/14
C12H 1/22
B65D 1/02
(11) EP2683620
(21) EP12708023.2
(47) 31.10.2018
(87) EP2012054084
13.09.2012
(22) 09.03.2012
(54) combination of a closure and a product retaining container
(73) Vinventions USA, LLC
(72) AAGAARD, Olav Marcus
CAMPBELL GLASGOW, Katherine
THOMPSON, Malcolm Joseph
KIRCH, Marco Josef Otto
(31) 201161451192 P
201161538242 P
(32) 10.03.2011
23.09.2011
(33) United States of America
United States of America

(51) B65D 65/46
B65D 85/804
(11) EP3157839
(21) EP15732441.9
(47) 31.10.2018
(87) IB2015054420
23.12.2015
(22) 11.06.2015
(54) CARTRIDGE FOR PREPARING A LIQUID PRODUCT AND METHOD FOR PRODUCING IT
(73) Luigi Lavazza S.p.A.
(72) CABILLI, Alberto
BOLOGNESE, Danilo
BORELLO, Luisa
(31) TO20140483
(32) 18.06.2014
(33) Italy

(51) B65D 71/14
B65D 71/16
B65D 71/18
B65D 71/20
B65D 71/32
B65D 71/34
(11) EP3107825
(21) EP15752822.5
(47) 31.10.2018
(87) US2015016089
27.08.2015
(22) 17.02.2015
(54) CARTON WITH RETENTION FEATURES
(73) Graphic Packaging International, LLC
(72) ZAMMIT, Mark
SUTHERLAND, Robert, L.
MAY, Kevin, T.
(31) 201461966355 P
(32) 21.02.2014
(33) United States of America

(51) B65D 77/06
B67D 3/04
(11) EP2536643
(21) EP11744978.5
(47) 31.10.2018
(87) SE2011050181
25.08.2011
(22) 18.02.2011
(54) PACKAGE FOR LIQUID PRODUCTS
(73) Merner, Oscar
Seidlitz, Henrik
(72) Merner, Oscar
Seidlitz, Henrik
(31) 1000167
(32) 19.02.2010
(33) Sweden

(51) B65D 77/20
B65D 51/20
(11) EP2886485
(21) EP14156926.9
(47) 31.10.2018
(22) 27.02.2014
(54) Sealing cover for containers with increased heat resistance, easy-opening performance and sealability
(73) Seal and Pack Co., Ltd.
(72) Wei, Se-Hwang
(31) 20130157240
(32) 17.12.2013
(33) Korea (Republic)

(51) B65D 79/00
B65D 45/24
B65D 45/06
(11) EP3181480
(21) EP16203589.3
(47) 31.10.2018
(22) 13.12.2016
(54) HERMETICALLY SEALED CONTAINER FOR FOOD PRODUCTS
(73) F.LLI Sacla' S.p.A.
(72) VASSURA, Sante
(31) UB20159633
(32) 14.12.2015
(33) Italy

(51) B65D 81/26
B65D 5/42
B65D 5/48
(11) EP3209578
(21) EP15804957.7
(47) 31.10.2018
(87) IB2015058164
28.04.2016
(22) 22.10.2015
(54) PACKAGE FOR TAKE-AWAY FOOD PRODUCTS, IN PARTICULAR FOR PIZZA
(73) Marincola, Francesco Felice
(72) Marincola, Francesco Felice
(31) TO20140855
(32) 22.10.2014
(33) Italy

(51) B65D 83/64
B65D 83/66
(11) EP3022132
(21) EP14767112.7
(47) 31.10.2018
(87) IB2014063188
22.01.2015
(22) 17.07.2014
(54) FOAM DISPENSER
(73) Airopack Technology Group B.V.
(72) BROUWER, Mark
KEGELS, Willy Leonard A.
(31) 12782013
(32) 17.07.2013
(33) Switzerland

(51) B65D 85/804
A23L 2/54
(11) EP3256403
(21) EP16708251.0
(47) 31.10.2018
(87) US2016016929
18.08.2016
(22) 08.02.2016
(54) CARTRIDGE FOR GAS DISSOLUTION IN BEVERAGES
(73) Bedford Systems LLC
(72) PETERSON, Peter
HUOT CARLSON, Jennifer, Caitlin
(31) 201514619344
(32) 11.02.2015
(33) United States of America

(51) B65G 17/06
B65G 17/46
(11) EP3074329
(21) EP14828293.2
(47) 31.10.2018
(87) IB2014066403
04.06.2015
(22) 27.11.2014
(54) CONVEYOR CHAIN IN PARTICULAR FOR FOOD PRODUCTS
(73) Millennium Engineering S.r.l.

(72) PRIORE, Luca
(31) BO20130650
(32) 27.11.2013
(33) Italy

(51) B65G 23/08
B65G 13/06
(11) EP3034437
(21) EP14197953.4
(47) 31.10.2018
(22) 15.12.2014
(54) Drive unit for a transport roller
(73) MTA Systems GmbH
(72) Feuerstein, Herwig

(51) B65G 27/16
B65G 27/08
B25B 11/00
(11) EP3251984
(21) EP16172303.6
(47) 31.10.2018
(22) 31.05.2016
(54) CONNECTION DEVICE
(73) Multipond Wägetechnik GmbH
(72) PETERS, Andreas

(51) B65G 43/00
B65G 45/00
(11) EP2528848
(21) EP11736687.2
(47) 31.10.2018
(87) IB2011050328
04.08.2011
(22) 25.01.2011
(54) CLEAN CONVEYOR SENSING SYSTEM
(73) Ecolab USA Inc.
(72) KRAUS, Paul R.
SEEMEYER, Stefan
(31) 696439
(32) 29.01.2010
(33) United States of America

(51) B65G 45/16
(11) EP3180278
(21) EP15733350.1
(47) 31.10.2018
(87) EP2015001251
18.02.2016
(22) 22.06.2015
(54) CONVEYOR BELT SCRAPING DEVICE
(73) F.E. Schulte Strathaus GmbH & Co. Kg
(72) SCHULTE STRATHAUS, Michael
(31) 202014006330 U
202014007229 U
(32) 11.08.2014
05.09.2014
(33) Germany
Germany

(51) B65G 47/08
B65G 54/02
(11) EP3109189
(21) EP15305995.1
(47) 31.10.2018
(22) 25.06.2015
(54) A TRANSFER DEVICE FOR CONVEYING PACKAGING UNITS
(73) SIDEL PARTICIPATIONS
(72) RAFFAINI, Nicola
ROSSI, Mirko
SORBI, Federica

(51) B65G 47/46
B65G 15/62
B65G 47/54
B65G 13/10
(11) EP3003928
(21) EP14804357.3
(47) 31.10.2018
(87) US2014040249
04.12.2014
(22) 30.05.2014
(54) CONVEYOR MERGE ASSEMBLY
(73) Dematic Corp.
(72) GERMAN, H., Thad
BERGHORN, David, M.
BRAYMAN, Matthew, T.
JOHNSON, James, P.
TAYLOR, Bruce, E.
BRAY, William, P.
(31) 201361829765 P
(32) 31.05.2013
(33) United States of America

(51) B65G 57/14
G06Q 10/06
(11) EP2828185
(21) EP13765071.9
(47) 31.10.2018
(87) US2013032819
26.09.2013
(22) 18.03.2013
(54) SYSTEM OF DELIVERING AND STORING PROPPANT FOR USE AT A WELL SITE AND CONTAINER FOR SUCH PROPPANT
(73) Oren Technologies, LLC
(72) Oren, John
(31) 201213427140
(32) 22.03.2012
(33) United States of America

(51) B65H 3/24
B65H 5/00
B65H 5/08
B65H 3/32
(11) EP3233678
(21) EP15817082.9
(47) 31.10.2018
(87) EP2015025108
23.06.2016
(22) 17.12.2015
(54) PORTIONING SYSTEM FOR PORTIONING STACKABLE FLAT ELEMENTS IN A STACK FOR A FURTHER PROCESSING
(73) BOBST GRENCHEN AG
(72) WICK, Stefan
(31) 14020114
(32) 18.12.2014
(33) European Patent Office (EPO)

(51) B65H 3/52
(11) EP2132117
(21) EP08735065.8
(47) 31.10.2018
(87) EP2008002745
16.10.2008
(22) 07.04.2008
(54) METHOD AND CONTROL CIRCUIT FOR THE ADJUSTMENT OF A GAP
(73) BÖWE SYSTEC GmbH
(72) CELESTE, Ronald
SEILER, Reinhard
MILLER, Ulrich
(31) 102007016589
(32) 05.04.2007
(33) Germany

(51) B65H 5/36
B65H 5/22
B65H 29/24
B65H 29/52
B41J 13/10
B41J 11/00
B65H 29/56
(11) EP3224167
(21) EP15800810.2
(47) 31.10.2018
(87) EP2015077554
02.06.2016
(22) 24.11.2015
(54) A SHEET TRANSFER ASSEMBLY
(73) OCE-Technologies B.V.
(72) LA VOS, Peter G.
KAWAGUCHI, Daisuke
(31) 14195107
(32) 27.11.2014
(33) European Patent Office (EPO)

(51) B65H 20/06
B65H 18/22
B65H 18/26
B65H 23/24
B08B 5/04
(11) EP3092191
(21) EP14878003.4
(47) 31.10.2018
(87) SE2014051395
16.07.2015
(22) 21.11.2014
(54) A REEL-UP FOR RECEIVING AND WINDING INTO A ROLL A PAPER WEB THAT ARRIVES FROM A DRYING CYLINDER IN A PAPER MAKING MACHINE AND A PAPER MAKING MACHINE USING A REEL-UP
(73) Valmet Aktiebolag
(72) MALMQVIST, Per-Olof
CANDUTTI, Massimiliano
CARLSSON, Tomas
(31) 1450011
(32) 09.01.2014
(33) Sweden

(51) B65H 31/02
B65H 31/20
(11) EP3199480
(21) EP17152645.2
(47) 31.10.2018
(22) 23.01.2017
(54) IMAGE FORMING APPARATUS
(73) Kyocera Document Solutions Inc.
(72) YOSHIDA, Takeshi
(31) 2016014786
(32) 28.01.2016
(33) Japan

(51) B65H 31/38
B42C 1/12
B42C 11/04
B42C 19/02
(11) EP2623451
(21) EP13153442.2
(47) 31.10.2018
(22) 31.01.2013

(54) BOOKBINDING SYSTEM
(73) Riso Kagaku Corporation
(72) Iida, Kouichiro c/o RISO KAGAKU CORPORATION R&D Center
Hiroshima, Atsushi c/o RISO KAGAKU CORPORATION / R&D Center
(31) 2012018750
(32) 31.01.2012
(33) Japan

(51) B65H 45/14
(11) EP3239083
(21) EP17166478.2
(47) 31.10.2018
(22) 13.04.2017
(54) METHOD AND APPARATUS FOR ADJUSTING FOLD ROLLER GAPS
(73) Pitney Bowes Inc.
(72) Allen, Robert J.
Ifkovits, Michael R.
Rozenfeld, Boris
Cruz, George
Ifkovits, Edward M.
(31) 201662328713 P
201615181828
(32) 28.04.2016
14.06.2016
(33) United States of America
United States of America

(51) B65H 45/16
(11) EP2652344
(21) EP11849078.8
(47) 31.10.2018
(87) IB2011054981
21.06.2012
(22) 08.11.2011
(54) VACUUM ROLL AND METHOD OF HANDLING A MATERIAL
(73) Kimberly-Clark Worldwide, Inc.
(72) COENEN, Joseph Daniel
RAJALA, Gregory J.
JOHNSON, Walter Reynold
(31) 972082
(32) 17.12.2010
(33) United States of America

(51) B65H 54/42
(11) EP3312118
(21) EP17192340.2
(47) 31.10.2018
(22) 21.09.2017
(54) YARN WINDING DEVICE AND PACKAGE DECELERATION METHOD
(73) Murata Machinery, Ltd.
(72) Jinyama, Tatsuo
Sone, Yoshifuto
(31) 2016204099
(32) 18.10.2016
(33) Japan

(51) B66B 1/34
(11) EP3233690
(21) EP14827195.0
(47) 31.10.2018
(87) EP2014078477
23.06.2016
(22) 18.12.2014
(54) SYSTEM FOR THE GENERATION OF CALL ADVANCE DATA
(73) KONE Corporation
(72) MATTSSON, Veikko
KRONKVIST, Kenneth

(51) B66B 1/34
B66B 5/14
(11) EP3191394
(21) EP15766373.3
(47) 31.10.2018
(87) US2015049333
17.03.2016
(22) 10.09.2015
(54) ELEVATOR LOAD WEIGHING SYSTEM
(73) Otis Elevator Company
(72) HUBBARD, James L.
AGIRMAN, Ismail
ONODERA, Takashi
(31) 201462049533 P
(32) 12.09.2014
(33) United States of America

(51) B66B 5/00
(11) EP2773584
(21) EP11875161.9
(47) 31.10.2018
(87) US2011058885
10.05.2013
(22) 02.11.2011
(54) BRAKE TORQUE MONITORING AND HEALTH ASSESSMENT
(73) Otis Elevator Company
(72) HUBBARD, James, L.
GARFINKEL, Michael
ILLAN, Juan, Antonio
SHEPHERD, Robert, D.

(51) B66B 5/00
B66B 5/02
B66B 11/04
F16D 65/14
F16D 66/02
B66D 5/30
(11) EP2978701
(21) EP14719517.6
(47) 31.10.2018
(87) FI2014050210
02.10.2014
(22) 21.03.2014
(54) BRAKE, AND ELEVATOR SYSTEM
(73) KONE Corporation
(72) VLASOV, Timo
KANTANEN, Kaisa
(31) 20135294
(32) 26.03.2013
(33) Finland

(51) B66B 5/02
B66B 3/00
(11) EP2610202
(21) EP10856419.6
(47) 31.10.2018
(87) JP2010064472
01.03.2012
(22) 26.08.2010
(54) MONITOR CONTROL DEVICE FOR ELEVATOR
(73) Mitsubishi Electric Corporation
(72) FUJIHATA, Yuji
KAWAI, Kiyoji
TAKEUCHI, Nobukazu
KUNITACHI, Masaya

(51) B66B 5/02
B66B 5/00
(11) EP2289832
(21) EP08790695.4
(47) 31.10.2018
(87) JP2008061730
30.12.2009
(22) 27.06.2008
(54) ELEVATOR APPARATUS AND OPERATING METHOD THEREOF
(73) Mitsubishi Electric Corporation
(72) UEDA, Takaharu
TAKAHASHI, Satoru

(51) B66B 7/04
(11) EP3233701
(21) EP15808407.9
(47) 31.10.2018
(87) EP2015079545
23.06.2016
(22) 14.12.2015
(54) ROLLER GUIDE FOR AN ELEVATOR CAR
(73) Inventio AG
(72) VILLA, Valerio
(31) 14198492
(32) 17.12.2014
(33) European Patent Office (EPO)

(51) B66B 7/08
(11) EP3233704
(21) EP15820798.5
(47) 31.10.2018
(87) US2015066587
23.06.2016
(22) 18.12.2015
(54) TERMINATION FOR ELEVATOR BELT
(73) Otis Elevator Company
(72) ERICSON, Richard J.
(31) 201462094473 P
(32) 19.12.2014
(33) United States of America

(51) B66B 7/12
B66B 7/06
D07B 1/14
D07B 1/22
(11) EP2870099
(21) EP12880627.0
(47) 31.10.2018
(87) US2012045372
09.01.2014
(22) 03.07.2012
(54) COMPENSATION FOR MONITORING A LOAD BEARING MEMBER
(73) Otis Elevator Company
(72) GARFINKEL, Michael
KEYO, Peter
LIASKAS, Peter

(51) B66B 19/00
(11) EP3093262
(21) EP15167328.2
(47) 31.10.2018
(22) 12.05.2015
(54) AN ARRANGEMENT AND A METHOD FOR PARALLEL TRANSPORT AND INSTALLATION OF ELEVATOR COMPONENTS
(73) KONE Corporation
(72) Kere, Petri
Mertala, Antti

(51) B66C 13/12

B66C 19/00
(11) EP2974992
(21) EP14745898.8
(47) 31.10.2018
(87) KR2014000803
07.08.2014
(22) 28.01.2014
(54) TYRE-TYPE GANTRY CRANE FOR RECEIVING SUPPLY OF POWER IN CONTACTLESS FASHION
(73) Kang, Miyeon
(72) KO, Young Suk
(31) 20130009760
20130009762
(32) 29.01.2013
29.01.2013
(33) Korea (Republic)
Korea (Republic)

(51) B66C 13/16
B66C 17/00
(11) EP3235772
(21) EP17166304.0
(47) 31.10.2018
(22) 12.04.2017
(54) HANDLING SYSTEM
(73) SAFRAN AERO BOOSTER S.A.
(72) LEVAUX, Philippe
DEROOZ, Gregory
(31) 201605270
(32) 21.04.2016
(33) Belgium

(51) B66D 5/18
B66D 5/20
(11) EP3044154
(21) EP13893541.6
(47) 31.10.2018
(87) US2013059253
19.03.2015
(22) 11.09.2013
(54) BRAKING DEVICE FOR BRAKING A HOISTED OBJECT RELATIVE TO A GUIDE MEMBER
(73) Otis Elevator Company
(72) BILLARD, Justin
MARVIN, Daryl J.
DUBE, Randall S.

(51) B66F 3/44
B66F 1/06
B66F 3/20
B66F 3/10
B60S 9/04
B60S 9/14
F16M 11/26
F16M 11/28
(11) EP2958847
(21) EP14753928.2
(47) 31.10.2018
(87) AU2014000143
28.08.2014
(22) 19.02.2014
(54) JACK ASSEMBLY
(73) Bos Fabrication Engineering Services Pty Ltd
(72) VAN DEN BOS, Jurgen
(31) 2013200923
(32) 19.02.2013
(33) Australia

(51) B66F 3/46
B66F 7/06
B66F 7/20
B66F 7/28
B66F 17/00
B66F 7/16
B66F 9/20
(11) EP3019434
(21) EP14739264.1
(47) 31.10.2018
(87) NL2014050438
15.01.2015
(22) 03.07.2014
(54) LIFTING SYSTEM FOR LIFTING A VEHICLE COMPRISING ONE OR MORE LIFTING DEVICES AND A RELEASE SYSTEM, AND METHOD THERE FOR
(73) STERTIL B.V.
(72) STAPENSEA, Jan Bernhard
BIJLSMA, Ulbe Gerrit
(31) 2011131
201361844616 P
(32) 10.07.2013
10.07.2013
(33) Netherlands
United States of America

(51) B66F 9/075
B62D 1/14
B62D 7/15
(11) EP3233711
(21) EP15794099.0
(47) 31.10.2018
(87) EP2015074906
06.05.2016
(22) 27.10.2015
(54) PEDESTRIAN TRUCK STEERING
(73) Combilift
(72) MCVICAR, Martin
MOFFETT, Robert
WHYTE, Mark
(31) 201419339
(32) 30.10.2014
(33) United Kingdom

(51) B66F 9/075
B65G 67/20
B66F 9/06
(11) EP3170786
(21) EP15195052.4
(47) 31.10.2018
(22) 17.11.2015
(54) GUIDE FOR LOADING AND UNLOADING EQUIPMENT
(73) DF Mompresa, S.A.U.
(72) BAUSELA SANCHEZ, FERNANDO

(51) B67B 3/20
(11) EP2221272
(21) EP10153774.4
(47) 31.10.2018
(22) 17.02.2010
(54) Device for locking containers with contactless torque generation
(73) Krones AG
(72) Knieling, Erwin
Schönfelder, Markus
Dewert, Andreas
Ziegler, Manfred, Dipl.-Ing.(FH)
Frankenberger, Günter
Stammel, Volker
(31) 102009009822
(32) 20.02.2009
(33) Germany

(51) B67C 3/20
B65B 3/12
B65B 3/32
(11) EP2848579
(21) EP14184378.9
(47) 31.10.2018
(22) 11.09.2014
(54) Apparatus for dosing a filling product into a container to be filled
(73) Krones AG
(72) Goldbrunner, Christian
Koller, Stefan
(31) 102013109964
(32) 11.09.2013
(33) Germany

(51) B67D 1/04
B67D 1/08
B67D 1/00
F25D 31/00
(11) EP3087027
(21) EP14875848.5
(47) 31.10.2018
(87) US2014071277
02.07.2015
(22) 18.12.2014
(54) COOLING SYSTEMS FOR BEVERAGE DISPENSERS AND METHODS OF MAINTAINING A COOLING SYSTEM
(73) The Coca-Cola Company
(72) ZIESEL, Lawrence, B.
(31) 201361920867 P
(32) 26.12.2013
(33) United States of America

(51) B81B 5/00
B81B 3/00
H02N 1/04
(11) EP3277621
(21) EP16712895.8
(47) 31.10.2018
(87) EP2016057029
06.10.2016
(22) 31.03.2016
(54) ENERGY GENERATION SYSTEM AND METHOD
(73) Koninklijke Philips N.V.
(72) FRANKLIN, Steven Ernest
GERHARDT, Lutz Christian
POTZE, Willem
KROES, Hans
JOHNSON, Mark Thomas
(31) 15161937
(32) 31.03.2015
(33) European Patent Office (EPO)

(51) B81C 1/00
(11) EP1945563
(21) EP06819339.0
(47) 31.10.2018
(87) EP2006068252
18.05.2007
(22) 08.11.2006
(54) COMPONENT THAT CAN BE INSERTED USING MICROSYSTEMS TECHNOLOGY, AND SOLDERING METHOD FOR CONNECTING CORRESPONDING WAFER OR COMPONENT PARTS
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

(72) OLDSEN, Marten
REINERT, Wolfgang
MERZ, Peter
(31) 102005053722
(32) 10.11.2005
(33) Germany

(51) B81C 1/00
A61B 5/151
(11) EP3210936
(21) EP17158208.3
(47) 31.10.2018
(22) 27.02.2017
(54) A METHOD OF MANUFACTURING A PLURALITY OF THROUGH-HOLES IN A LAYER
(73) SmartTip B.V.
(72) SARAJLIC, Edin
(31) 2016329
(32) 25.02.2016
(33) Netherlands

(51) B82Y 30/00
B82Y 40/00
C01B 32/18
(11) EP2573047
(21) EP11867256.7
(47) 31.10.2018
(87) JP2011062923
13.12.2012
(22) 06.06.2011
(54) METHOD FOR PRODUCING ONION-LIKE CARBON
(73) Shinko Seiki Company, Limited
Ohmae, Nobuo
(72) OHMAE, Nobuo
TERAYAMA, Nobuyuki

(51) C01B 3/08
B22F 1/00
B22F 1/02
B22F 9/12
B82Y 30/00
(11) EP2436644
(21) EP10780522.8
(47) 31.10.2018
(87) JP2010058770
02.12.2010
(22) 24.05.2010
(54) HYDROGEN GENERATING MATERIAL, METHOD FOR PRODUCING SAME AND METHOD FOR PRODUCING HYDROGEN
(73) National Institute for Materials Science
(72) UDA Masahiro
OKUYAMA Hideo
SAKKA Yoshio
(31) 2009125016
2010084753
(32) 25.05.2009
01.04.2010
(33) Japan
Japan

(51) C01B 3/12
C01B 3/18
C01B 3/56
C21B 7/00
C21B 5/06
C01B 3/38
C21C 5/28
C21C 5/38
C12P 7/06
(11) EP3080306
(21) EP14815579.9
(47) 31.10.2018
(87) EP2014003316
18.06.2015
(22) 11.12.2014
(54) COMBINED SYSTEM FOR PRODUCING STEEL AND METHOD FOR OPERATING THE COMBINED SYSTEM
(73) thyssenkrupp AG
(72) ACHATZ, REINHOLD
WAGNER, Jens
OLES, Markus
SCHMÖLE, Peter
KLEINSCHMIDT, Ralph
GEHRMANN, Stefan
KOLBE, Bärbel
KRÜGER, Matthias, Patrick
(31) 102013113958
(32) 12.12.2013
(33) Germany

(51) C01B 3/16
B01J 23/70
B01J 23/86
B01J 37/12
B01J 37/04
(11) EP1663855
(21) EP04781673.1
(47) 31.10.2018
(87) US2004027041
03.03.2005
(22) 18.08.2004
(54) HIGH TEMPERATURE SHIFT CATALYST PREPARED WITH A HIGH PURITY IRON PRECURSOR
(73) Clariant Corporation
(72) O'BRIEN, Robert
HU, X. D.
TUELL, Richard
CAI, Yeping
(31) 642805
(32) 18.08.2003
(33) United States of America

(51) C01B 3/26
B60K 15/03
B01J 19/24
C01B 3/00
(11) EP2925669
(21) EP13780357.3
(47) 31.10.2018
(87) EP2013072156
05.06.2014
(22) 23.10.2013
(54) USE OF LIQUID COMPOUNDS AND METHOD FOR THE USE THEREOF AS HYDROGEN STORES
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) DUNGS, Jennifer
TEICHMANN, Daniel
BRÜCKNER, Nicole
BÖSMANN, Andreas
WASSERSCHEID, Peter
(31) 102012221809
(32) 28.11.2012
(33) Germany

(51) C01B 3/38
B01J 8/06
(11) EP2791052
(21) EP12829174.7
(47) 31.10.2018
(87) EP2012005118
20.06.2013
(22) 12.12.2012
(54) TRANSPORTABLE REFORMER
(73) thyssenkrupp Industrial Solutions AG
(72) MEIßNER, Oliver
BEYER, Falk
(31) 102011120938
(32) 14.12.2011
(33) Germany

(51) C01B 3/50
H01M 8/0668
C01B 3/34
C10K 3/04
C10G 2/00
H01M 8/14
C25B 3/02
(11) EP2973819
(21) EP14726792.6
(47) 31.10.2018
(87) US2014025229
25.09.2014
(22) 13.03.2014
(54) INTEGRATION OF MOLTEN CARBONATE FUEL CELLS IN FISCHER-TROPSCH SYNTHESIS
(73) ExxonMobil Research and Engineering Company
(72) BERLOWITZ, Paul, J.
BARCKHOLTZ, Timothy, Andrew
HERSHKOWITZ, Frank
TAYLOR, Kevin
(31) 201361787587 P
201361787879 P
201361788628 P
201361787697 P
201361884586 P
201361884376 P
201361884605 P
201361884565 P
201361884635 P
201361884545 P
201361889757 P
(32) 15.03.2013
15.03.2013
15.03.2013
15.03.2013
30.09.2013
30.09.2013
30.09.2013
30.09.2013
30.09.2013
30.09.2013
11.10.2013
(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

(51) C01B 11/02
A01N 25/02
A01N 25/04
A01N 25/06
A01N 25/10
A01N 25/16
A01N 25/22
A01N 59/00
A01P 3/00
A61L 2/18
A61L 9/01
A61L 11/00
C02F 1/50
C02F 1/76
(11) EP2130794
(21) EP08711325.4
(47) 31.10.2018
(87) JP2008052495
18.09.2008
(22) 15.02.2008
(54) PURE CHLORINE DIOXIDE SOLUTION, AND GEL-LIKE COMPOSITION AND FOAMABLE COMPOSITION EACH COMPRISING THE SAME
(73) Taiko Pharmaceutical Co., Ltd.
(72) ABE, Koji
(31) 2007067178
(32) 15.03.2007
(33) Japan

(51) C01B 13/02
(11) EP2851340
(21) EP13185596.7
(47) 31.10.2018
(22) 23.09.2013
(54) ORTHO-PHOSPHATE, ORTHO-VANADATE OR ORTHO-PHOSPHATE-VANADATE COMPONENTS FOR USE IN SOLID CHEMICAL OXYGEN GENERATORS
(73) Goodrich Lighting Systems GmbH
(72) Kallfass, Christoph

(51) C01B 17/05
C01B 17/06
B01D 53/84
C02F 3/34
C02F 3/22
C02F 3/30
(11) EP3049367
(21) EP14784546.5
(47) 31.10.2018
(87) NL2014050660
02.04.2015
(22) 26.09.2014
(54) A PROCESS FOR REMOVING SULPHIDE FROM AN AQUEOUS SOLUTION
(73) Paques I.P. B.V.
(72) VAN ZESSEN, Erik
JORNA, Antonius Johannes
VELLINGA, Sjoerd Hubertus Jozef
DIJKMAN, Hendrik
(31) 13186184
(32) 26.09.2013
(33) European Patent Office (EPO)

(51) C01B 39/02
C01B 39/04
B01J 20/18
B01J 29/00
B01J 29/04
B01J 29/08
B01J 29/10
B01J 29/18
B01J 29/40
B01J 29/80
B82Y 30/00
C10G 45/04
C10G 47/02
C10G 1/08
C10G 11/02
C10G 11/05
C10G 11/18
(11) EP1771380
(21) EP05817162.0
(47) 31.10.2018
(87) US2005014129
13.04.2006
(22) 22.04.2005
(54) MESOSTRUCTURED ZEOLITIC MATERIAL AND METHOD OF MAKING AND USING THE SAME
(73) MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(72) YING, Jackie, Y.
GARCIA-MARTINEZ, Javier
(31) 830714
(32) 23.04.2004
(33) United States of America

(51) C01C 1/00
G01N 3/00
B01D 53/04
B01J 20/02
B01J 20/34
(11) EP3078635
(21) EP15001018.9
(47) 31.10.2018
(22) 09.04.2015
(54) REDUCING EXPANSION FORCES CREATED BY AMMONIA STORAGE MATERIALS
(73) Amminex Emissions Technology A/S
(72) Thomsen, Lasse Bjørchmar
Quaade, Ulrich J.
Johansen, Johnny
Bialy, Agata
Johannessen, Tue

(51) C01G 45/00
C01G 53/00
C01G 51/00
H01M 10/052
H01M 4/485
H01M 4/505
H01M 4/525
H01M 4/62
(11) EP2457873
(21) EP11190507.1
(47) 31.10.2018
(22) 24.11.2011
(54) Method for manufacturing precursors for transition metal mixed oxides
(73) BASF SE
(72) Schulz-Dobrick, Martin
Schrödle, Simon
(31) 10192610
(32) 25.11.2010
(33) European Patent Office (EPO)

(51) C02F 1/34
C02F 11/00
C02F 11/04
C02F 11/12
C02F 11/18
(11) EP3077340
(21) EP14867398.1
(47) 31.10.2018
(87) US2014067101
11.06.2015
(22) 24.11.2014
(54) METHODS FOR TREATING BIOSOLIDS SLUDGE WITH CAVITATION
(73) Arisdyne Systems, Inc.
(72) KOZYUK, Oleg
REIMERS, Peter
(31) 201361912203 P
(32) 05.12.2013
(33) United States of America

(51) C02F 1/38
C02F 1/44
C02F 1/52
B01D 61/14
C02F 101/20
C02F 101/32
(11) EP3010859
(21) EP14727195.1
(47) 31.10.2018
(87) EP2014060939
24.12.2014
(22) 27.05.2014
(54) SYSTEM AND METHOD FOR TREATING CONTAMINATED WASTEWATER
(73) Robert Bosch GmbH
(72) SACHS, Dimitri
MUTSCHLER, Bernhard
KORZ, Juergen
JUNG, Darius
SCHWENDELE, Josef
PETTERSCH, Michael
KORF, Philipp
(31) 102013211252
(32) 17.06.2013
(33) Germany

(51) C02F 1/68
A23L 2/38
A61K 33/06
A61K 33/14
A23L 33/16
A23L 2/52
(11) EP2791066
(21) EP12858333.3
(47) 31.10.2018
(87) US2012069203
20.06.2013
(22) 12.12.2012
(54) LIQUID DIETARY SUPPLEMENT FORMULATION COMPOSITIONS
(73) Watermins LLC
(72) WADHWA, Manpreet S.
(31) 201161569790 P
(32) 13.12.2011
(33) United States of America

(51) C02F 1/68
C02F 11/18
A23L 2/52
B01D 61/02
A23L 2/74
C02F 5/06
C01F 11/18

C02F 103/08
C02F 1/44
C02F 1/66
C02F 103/42
(11) EP2805923
(21) EP13169133.9
(47) 31.10.2018
(22) 24.05.2013
(54) INSTALLATION FOR THE PREPARATION OF A SOLUTION OF CALCIUM HYDROGEN CARBONATE SUITABLE FOR THE REMINERALIZATION OF WATER
(73) Omya International AG
(72) Poffet, Martine
Skovby, Michael

(51) C02F 103/42
C02F 1/00
C02F 1/50
(11) EP2594532
(21) EP12075130.0
(47) 31.10.2018
(22) 19.11.2012
(54) Method and arrangement for hygienisation of water in a swimming pool system or swimming or bathing area
(73) Bergmann Umwelttechnik GmbH
(72) Triller, Wolfgang
Bergmann, Martin
Ilian, Jens
(31) 202011108086 U
(32) 21.11.2011
(33) Germany

(51) C03B 5/16
C03B 5/43
C03B 5/167
(11) EP2184264
(21) EP10002098.1
(47) 31.10.2018
(22) 18.01.2007
(54) Apparatus to transport, homogenize, and condition molted glass
(73) Schott AG
(72) Witte, Jörg, Dr.
Dick, Erhard
Stinner, Johannes
Lübbers, Katharina
Kissl, Paul
Fuchs, Roland
(31) 102006003531
(32) 24.01.2006
(33) Germany

(51) C03B 19/04
(11) EP2216302
(21) EP10152143.3
(47) 31.10.2018
(22) 29.01.2010
(54) Production of a glass container from a molten mass
(73) Schott AG
(72) Langsdorf, Andreas
Thürk, Jürgen
Kunz, Aurel
Lange, Ulrich
Küster, Joachim
Löffelbein, Bernd
Meinefeld, Marcus
Rothhaar, Uwe
Ohlinger, Axel
(31) 102009008689
(32) 06.02.2009
(33) Germany

(51) C03B 20/00
C03B 19/09
C03B 37/029
C30B 15/10
B01J 6/00
(11) EP2445844
(21) EP10792736.0
(47) 31.10.2018
(87) US2010040020
29.12.2010
(22) 25.06.2010
(54) FUSED QUARTZ HORIZONTAL FURNACE AND ASSEMBLY
(73) Eestor, Inc.
(72) WEIR, Richard D.
(31) 220473 P
(32) 25.06.2009
(33) United States of America

(51) C03B 29/08
C03B 29/12
C03B 27/048
(11) EP3109207
(21) EP15174069.3
(47) 31.10.2018
(22) 26.06.2015
(54) METHOD OF HEATING A GLASS SHEET FOR TEMPERING
(73) Glaston Finland Oy
(72) VEHMAS, Jukka
KYLVÄJÄ, Harri
RANTALA, Mikko

(51) C03B 37/012
C03B 37/018
(11) EP3118171
(21) EP16175188.8
(47) 31.10.2018
(22) 20.06.2016
(54) A METHOD FOR PREPARING A PRIMARY PREFORM BY ETCHING AND COLLAPSING A DEPOSITED TUBE
(73) Draka Comteq B.V.
(72) MILICEVIC, Igor
HARTSUIKER, Johannes Antoon
KRABSHUIS, Gertjan
VAN STRALEN, Mattheus Jacobus Nicolaas
(31) 2015161
(32) 13.07.2015
(33) Netherlands

(51) C03B 37/014
(11) EP2208716
(21) EP09180636.4
(47) 31.10.2018
(22) 23.12.2009
(54) Method and apparatus for manufacturing optical fiber preform using high frequency induction thermal plasma torch
(73) Shin-Etsu Chemical Co., Ltd.
(72) Otosaka, Tetsuya
Shimizu, Yoshiaki
(31) 2008333749
(32) 26.12.2008
(33) Japan

(51) C03B 37/02
C03B 37/083
C03B 37/08
(11) EP3034479
(21) EP15194085.5
(47) 31.10.2018
(22) 11.11.2015
(54) BUSHING WITH RIBBED PLATE
(73) Johns Manville
(72) RICHARDSON, Morris L.
(31) 201414572835
(32) 17.12.2014
(33) United States of America

(51) C03C 3/087
C03C 3/112
C03C 4/20
(11) EP2338847
(21) EP10171054.9
(47) 31.10.2018
(22) 28.07.2010
(54) Boron-free glass
(73) Schott AG
(72) Brix, Peter
(31) 102009051852
(32) 28.10.2009
(33) Germany

(51) C03C 3/087
C08K 3/40
C08L 69/00
C08K 7/00
C03C 12/00
(11) EP2119680
(21) EP08765692.2
(47) 31.10.2018
(87) JP2008061059
24.12.2008
(22) 17.06.2008
(54) GLASS COMPOSITION
(73) Nippon Sheet Glass Company Limited
(72) FUJIWARA, Kosuke
KOYAMA, Akihiro
(31) 2007160060
(32) 18.06.2007
(33) Japan

(51) C03C 21/00
C03C 23/00
C03C 3/085
C03C 3/087
(11) EP2043962
(21) EP07796572.1
(47) 31.10.2018
(87) US2007015134
31.01.2008
(22) 29.06.2007
(54) METHOD OF MAKING GLASS INCLUDING SURFACE TREATMENT WITH ALUMINUM CHLORIDE AT OR JUST PRIOR TO ANNEALING LEHR
(73) Guardian Europe S.à.r.l.
Guardian Glass, LLC
(72) DISTELDORF, Bernd
LONGOBARDO, Anthony, V.
MCCRYSTAL, Keith
(31) 492204
(32) 25.07.2006
(33) United States of America

(51) C03C 25/12
G02B 6/44
G02B 6/02

B29C 39/10
B05C 3/12
B05C 11/10
B05C 11/11
(11) EP3021149
(21) EP14896958.7
(47) 31.10.2018
(87) JP2014076580
07.04.2016
(22) 03.10.2014
(54) OPTICAL FIBER RECOATING DEVICE
(73) Fujikura Ltd.
(72) KANDA, Yoshiharu
YOKOTA, Koichi
YOSHIDA, Hiroki
(31) 2014202263
(32) 30.09.2014
(33) Japan

(51) C04B 7/02
C04B 28/04
C04B 111/20
(11) EP2643275
(21) EP11802504.8
(47) 31.10.2018
(87) FR2011052744
31.05.2012
(22) 24.11.2011
(54) NOVEL CEMENT THAT IS RESISTANT TO INTERNAL SULPHATE REACTIONS AND TO EXTERNAL SULPHATE ATTACKS
(73) Vicat
(72) PASQUIER, Michel
BESSETTE, Laetitia
HUE, François
(31) 1059740
(32) 25.11.2010
(33) France

(51) C04B 24/38
C04B 28/14
C04B 40/00
C04B 24/14
(11) EP2771303
(21) EP12799486.1
(47) 31.10.2018
(87) US2012067752
13.06.2013
(22) 04.12.2012
(54) A METHOD FOR REDUCING AGGLOMERATION IN GYPSUM PLASTER OR FILLING COMPOSITIONS COMPRISING CELLULOSE ETHER
(73) Dow Global Technologies LLC
(72) NEUBAUER, Joerg
SCHARLEMANN, Sonja
(31) 201161568899 P
(32) 09.12.2011
(33) United States of America

(51) C04B 26/26
C04B 111/00
C04B 111/72
(11) EP2899172
(21) EP14196285.2
(47) 31.10.2018
(22) 04.12.2014
(54) Thermoplastic filling compound, in particular for use in road construction
(73) Carl Ungewitter Trinidad Lake Asphalt GmbH & Co. KG
(72) Müller, Marco
Knöbig, Andreas
(31) 102013224894
(32) 04.12.2013
(33) Germany

(51) C04B 28/02
(11) EP2822917
(21) EP13720056.4
(47) 31.10.2018
(87) IB2013051768
12.09.2013
(22) 06.03.2013
(54) SELF-LEVELLING CONCRETE
(73) Saint-Gobain Centre de Recherches et d'Etudes Européen
(72) CONSALES, Thierry, Claude
(31) 1252083
(32) 07.03.2012
(33) France

(51) C04B 28/14
C04B 22/14
(11) EP2531460
(21) EP10704048.7
(47) 31.10.2018
(87) US2010023210
11.08.2011
(22) 04.02.2010
(54) SNAP-SET, READY-MIX JOINT COMPOUND
(73) United States Gypsum Company
(72) STEVENS, Richard, B.
MILLER, Charles, J.

(51) C04B 35/03
C04B 35/105
C04B 35/48
C04B 35/04
C04B 35/443
C04B 35/622
C04B 35/626
C01F 5/02
C04B 35/64
(11) EP3323793
(21) EP16199239.1
(47) 31.10.2018
(22) 17.11.2016
(54) METHOD FOR TREATING REFRACTORY CERAMIC PRODUCTS
(73) Refractory Intellectual Property GmbH & Co. KG
(72) Klitzsch, Michael
Geith, Martin
Budna, Karl
Nievoll, Josef

(51) C04B 37/00
B82Y 30/00
(11) EP2874976
(21) EP13756564.4
(47) 31.10.2018
(87) FR2013051672
23.01.2014
(22) 12.07.2013
(54) METHOD FOR THE BRAZING OF PARTS MADE FROM A CERAMIC MATRIX COMPOSITE MATERIAL, INCORPORATING A SLUG IN THE BOND
(73) Safran Ceramics
Commissariat à l'Energie Atomique et aux Energies Alternatives
(72) REVEL, Thomas
CONETE, Eric
PHILIPPE, Eric
ROUX, Guilhem
BUCCI, Philippe
(31) 1256949
(32) 18.07.2012
(33) France

(51) C04B 41/50
C04B 41/87
C23C 18/12
(11) EP2495226
(21) EP11250237.2
(47) 31.10.2018
(22) 01.03.2011
(54) Composite article having a ceramic nanocomposite layer
(73) United Technologies Corporation
(72) Schmidt, Wayde R.

(51) C04B 41/85
F01N 3/022
B01D 46/24
C04B 28/24
C04B 38/00
C04B 41/00
C04B 41/50
C04B 111/00
(11) EP2234942
(21) EP08853212.2
(47) 31.10.2018
(87) US2008013010
04.06.2009
(22) 21.11.2008
(54) CEMENT COMPOSITIONS FOR APPLYING TO HONEYCOMB BODIES
(73) Corning Incorporated
(72) DENEKA, Thomas, James
MICHELS, Crystal, Lynn
TEPESCH, Patrick, David
WIGHT, John, Forrest, Jr
(31) 4843 P
(32) 30.11.2007
(33) United States of America

(51) C04B 41/85
G04B 37/22
(11) EP2746243
(21) EP13198749.7
(47) 31.10.2018
(22) 20.12.2013
(54) Coloured technical ceramic bodies and method for preparing the same
(73) Rolex S.A.
(72) Pujol, Ollivier
Bienvenu, Carine
(31) 12198975
(32) 21.12.2012
(33) European Patent Office (EPO)

(51) C04B 41/87
C04B 41/89
C23C 18/12
H01M 8/12
(11) EP2318328
(21) EP09701927.7
(47) 31.10.2018
(87) GB2009001103

23.07.2009
(22) 30.04.2009
(54) METHOD FOR DEPOSITION OF CERAMIC FILMS
(73) Ceres Intellectual Property Company Limited
(72) BONE, Adam
DAWSON, Richard
LEAH, Robert
(31) 0810909
0810989
73598
0823668
(32) 13.06.2008
16.06.2008
18.06.2008
30.12.2008
(33) United Kingdom
United Kingdom
United States of America
United Kingdom

(51) C04B 41/88
C04B 41/00
C04B 41/51
H01L 23/14
H01L 23/373
H05K 1/05
B23D 61/18
B23D 57/00
B28D 5/04
B22F 3/26
C04B 111/00
H01L 33/64
(11) EP2397455
(21) EP10741200.9
(47) 31.10.2018
(87) JP2010051777
19.08.2010
(22) 08.02.2010
(54) SUBSTRATE COMPRISING ALUMINUM/GRAPHITE COMPOSITE, HEAT DISSIPATION PART COMPRISING SAME, AND LED LUMINESCENT MEMBER
(73) Denka Company Limited
(72) HIROTSURU Hideki
HIGUMA Satoshi
NARITA Shinya
TSUJIMURA Yoshihiko
(31) 2009029866
(32) 12.02.2009
(33) Japan

(51) C05C 9/00
C05F 11/00
(11) EP3092209
(21) EP15701679.1
(47) 31.10.2018
(87) EP2015050170
16.07.2015
(22) 07.01.2015
(54) FERTILISER HAVING REDUCED BIURET CONTENT
(73) Shell Internationale Research Maatschappij B.V.
(72) GARCIA MARTINEZ, Rafael, Alberto
ALLAIS, Cyrille, Paul
D'MELO, Dawid, John
MANIKANDAN, Chithra
(31) 114CH2014
(32) 09.01.2014
(33) India

(51) C05G 3/00
C05D 1/00
C05D 3/02
C08F 222/02
(11) EP2485993
(21) EP10822428.8
(47) 31.10.2018
(87) US2010050244
14.04.2011
(22) 24.09.2010
(54) ENHANCED FERTILIZER PRODUCTS WITH POLYMER ADJUVANTS
(73) Specialty Fertilizer Products, LLC
(72) SANDERS, John, Larry
(31) 573506
573547
(32) 05.10.2009
05.10.2009
(33) United States of America
United States of America

(51) C07C 13/28
C07C 13/32
C08G 61/02
(11) EP3018114
(21) EP14848560.0
(47) 31.10.2018
(87) KR2014009047
02.04.2015
(22) 26.09.2014
(54) CYCLIC OLEFIN COMPOUND HAVING PHOTOREACTIVE GROUP AND PHOTOREACTIVE POLYMER
(73) LG Chem, Ltd.
(72) PARK, Eun Seok
CHUN, Sung-Ho
CHOI, Dai Seung
(31) 20130116650
20140128567
(32) 30.09.2013
25.09.2014
(33) Korea (Republic)
Korea (Republic)

(51) C07C 19/08
C07C 17/383
C07C 17/389
H01L 21/3065
H01L 21/311
(11) EP3012241
(21) EP14813057.8
(47) 31.10.2018
(87) JP2014065847
24.12.2014
(22) 16.06.2014
(54) PLASMA ETCHING METHOD WITH HIGH-PURITY 1-FLUOROBUTANE
(73) Zeon Corporation
(72) SUGIMOTO, Tatsuya
(31) 2013126240
(32) 17.06.2013
(33) Japan

(51) C07C 29/128
C07C 33/03
(11) EP3015446
(21) EP14816713.3
(47) 31.10.2018
(87) KR2014005760
31.12.2014
(22) 27.06.2014
(54) METHOD FOR PRODUCING ALLYL ALCOHOL AND ALLYL ALCOHOL PRODUCED THEREBY
(73) LG Chem, Ltd.
(72) LEE, Won Jae
KONG, Myungjin
CHOE, Yong-Jin
NAM, Hyun
(31) 20130074507
20140078769
(32) 27.06.2013
26.06.2014
(33) Korea (Republic)
Korea (Republic)

(51) C07C 37/055
B01J 23/755
B01J 25/02
C07G 1/00
C07C 29/48
C07C 45/29
C07C 51/235
(11) EP2892867
(21) EP13835161.4
(47) 31.10.2018
(87) SE2013051045
13.03.2014
(22) 09.09.2013
(54) CLEAVAGE OF A BETA-O-4 BOND IN ETHERS
(73) Kat2Biz AB
(72) SAMEC, Joseph
GALKIN, Maxim
LÖFSTEDT, Joakim
(31) PCT/SE2012/050948
(32) 07.09.2012
(33) World Intellectual Property Office (WIPO)

(51) C07C 43/178
A61K 9/10
A61K 47/14
C07C 69/30
C07H 15/10
A61K 9/00
A61K 47/08
A61K 47/10
A61K 47/22
A61K 47/26
C09K 19/06
(11) EP2518040
(21) EP10839611.0
(47) 31.10.2018
(87) JP2010073621
30.06.2011
(22) 27.12.2010
(54) LOW-VISCOSITY LIQUID-CRYSTAL COMPOUND
(73) Farnex Incorporated
(72) IKEDA, Yutaka
YAMASHITA, Jun
HIJIKURO, Ichiro
IMUTA, Satoshi
HIROKI, Yasuhiro
TAKAHASHI, Takashi
(31) 2009295658
(32) 25.12.2009
(33) Japan

(51) C07C 45/52

C07C 47/22
C07C 319/18
C07C 323/22
C07C 319/20
C07C 323/52
C07C 323/58
C07C 323/60
B01J 21/06
B01J 21/08
B01J 23/10
B01J 23/20
B01J 23/30
B01J 23/34
(11) EP2582652
(21) EP11736123.8
(47) 31.10.2018
(87) FR2011051375
22.12.2011
(22) 16.06.2011
(54) PROCESS FOR PREPARING ACROLEIN FROM GLYCEROL OR GLYCERIN
(73) Centre National de la Recherche Scientifique
Adisseo France S.A.S.
(72) LAURIOL-GARBEY, Pascaline
BELLIERE-BACA, Virginie
LORIDANT, Stéphane
MILLET, Jean-Marc
(31) 1054794
(32) 17.06.2010
(33) France

(51) C07C 51/38
C07C 51/487
C07C 51/41
C07C 51/42
C07C 51/48
(11) EP2528889
(21) EP11702490.1
(47) 31.10.2018
(87) GB2011000104
04.08.2011
(22) 27.01.2011
(54) PROCESS FOR PREPARING AND PURIFYING FATTY ACIDS
(73) BASF Pharma (Callanish) Limited
(72) KELLIHER, Adam
MORRISON, Angus
KNOWLES, Phil
(31) 201001345
(32) 27.01.2010
(33) United Kingdom

(51) C07C 51/41
C07C 57/04
B01J 14/00
C08F 20/06
C08F 220/06
(11) EP2360138
(21) EP10173421.8
(47) 31.10.2018
(22) 31.08.2006
(54) Apparatus for cyrrying out a continuous neutralization process
(73) BASF SE
(72) Weismantel, Matthias
De Marco, Michael
van Esbroeck, Dominicus
Possemiers, Karl, J.
De Kaey, Ronny
(31) 102005042604
(32) 07.09.2005
(33) Germany

(51) C07C 67/54
C07C 67/08
C07C 69/78
(11) EP3160930
(21) EP15734759.2
(47) 31.10.2018
(87) US2015036387
30.12.2015
(22) 18.06.2015
(54) PROCESS FOR PRODUCING LOW VOC GLYCOL ETHER ESTERS
(73) Dow Global Technologies LLC
(72) FRYCEK, George J.
DONATE, Felipe A.
DAUGS, Edward D.
WACHOWICZ, Rebecca J.
TRUMBLE, Jason L.
(31) 201462016301 P
(32) 24.06.2014
(33) United States of America

(51) C07C 68/06
C07C 68/08
C07C 69/96
(11) EP2711353
(21) EP12382368.4
(47) 31.10.2018
(22) 20.09.2012
(54) Process for the continuous manufacture of aryl alkyl carbonate and diaryl carbonate using vapor recompression
(73) SABIC Global Technologies B.V.
(72) Ferrer Nadal, Sergio
Vic Fernández, Ignacio

(51) C07C 69/06
A61Q 13/00
(11) EP3124464
(21) EP16182058.4
(47) 31.10.2018
(22) 29.07.2016
(54) NOVEL ORGANOLEPTIC COMPOUNDS
(73) International Flavors & Fragrances Inc.
(72) Jones, Paul D
Belko, Robert P
Levorse Jr., Anthony T
(31) 201562199012 P
(32) 30.07.2015
(33) United States of America

(51) C07C 209/48
C07C 217/08
C07C 253/30
(11) EP2858973
(21) EP13717785.3
(47) 31.10.2018
(87) EP2013058339
12.12.2013
(22) 23.04.2013
(54) AMINE SUITABLE AS PU-CATALYST
(73) Huntsman Petrochemical LLC
(72) WILTZ, Eugene P. Jr.
GRIGSBY, Robert Allison Jr.
CHAVEZ, Jennifer
ZHOU, Jingjun
(31) 201261656284 P
12172577
(32) 06.06.2012
19.06.2012
(33) United States of America
European Patent Office (EPO)

(51) C07C 209/78
C07C 211/50
(11) EP2268602
(21) EP09737950.7
(47) 31.10.2018
(87) EP2009053583
05.11.2009
(22) 26.03.2009
(54) METHOD FOR PRODUCING DIAMINODIPHENYL ALKANES
(73) Evonik Degussa GmbH
(72) GRUND, Gerda
KRECZINSKI, Manfred
(31) 102008001492
(32) 30.04.2008
(33) Germany

(51) C07C 209/88
C07C 209/84
C07C 211/60
C07D 231/14
C07B 57/00
(11) EP3103789
(21) EP14882034.3
(47) 31.10.2018
(87) JP2014084766
13.08.2015
(22) 26.12.2014
(54) METHOD FOR PRODUCING (R)-1,1,3-TRIMETHYL-4-AMINOINDANE
(73) Sumitomo Chemical Company Limited
(72) MATSUNAGA, Tadafumi
HIRAGURI, Natsuru
TAKAHASHI, Tomoaki
INUI, Tomohiko
TANIMOTO, Masaya
(31) 2014021976
(32) 07.02.2014
(33) Japan

(51) C07C 211/56
C07C 237/30
C07C 237/40
C07C 327/48
C07C 255/58
C07C 317/36
C07C 323/36
C07D 213/643
C07D 213/70
A01N 33/18
A01N 33/22
A01N 37/34
A01N 37/44
A01N 41/10
A01N 43/40
(11) EP2551258
(21) EP11758781.6
(47) 31.10.2018
(87) CN2011071983
29.09.2011
(22) 21.03.2011
(54) SUBSTITUTED DIPHENYLAMINE COMPOUNDS, PREPARATION METHOD AND USE THEREOF
(73) Shenyang Sinochem Agrochemicals R & D Co., Ltd.
(72) LIU, Changling
LI, Huichao

LI, Zhinian
HUANG, Guang
ZHANG, Hong
(31) 201010129005
(32) 22.03.2010
(33) China

(51) C07C 221/00
C07C 225/22
C07C 231/12
C07C 233/47
C12P 13/04
(11) EP2970097
(21) EP14770640.2
(47) 31.10.2018
(87) US2014027694
25.09.2014
(22) 14.03.2014
(54) METHODS FOR THE SYNTHESIS OF CHIRAL KYNURENINE COMPOUNDS
(73) Vistagen Therapeutics, Inc.
(72) ABELE, Stefan
LAUE, Klaus
BREITENMOSER, Roland, A.
(31) 201361785807 P
(32) 14.03.2013
(33) United States of America

(51) C07C 269/04
C07C 263/04
C07C 265/14
C07C 271/20
C07C 271/24
(11) EP2554537
(21) EP11765331.1
(47) 31.10.2018
(87) JP2011056095
13.10.2011
(22) 15.03.2011
(54) METHOD FOR PRODUCING CARBAMATE COMPOUND, CARBAMATE COMPOUND, AND METHOD FOR PRODUCING ISOCYANATE COMPOUND USING SAME
(73) AGC Inc.
(72) OKAZOE Takashi
NAGASAKI Yuko
OKAMOTO Hidekazu
(31) 2010086126
(32) 02.04.2010
(33) Japan

(51) C07C 271/22
C07D 207/16
C07D 211/76
C07C 309/70
(11) EP2445870
(21) EP10731804.0
(47) 31.10.2018
(87) IB2010052857
29.12.2010
(22) 23.06.2010
(54) 1-(SULFONYL)-N-PHENYLPYRROLIDINE-2-CARBOXAMIDES FOR THE IDENTIFICATION OF BIOLOGICAL AND PHARMACOLOGICAL ACTIVITY
(73) Institut Univ. de Ciència i Tecnologia, S.A.
(72) CASTELLS BOLIART, Josep
MIGUEL CENTENO, David Enrique
PASCUAL GILABERT, Marta
(31) 200901517
(32) 25.06.2009
(33) Spain

(51) C07C 309/30
C07C 327/58
C07D 213/59
C07D 265/32
C07D 277/54
C07D 291/02
C07D 327/06
H01L 21/027
(11) EP2668156
(21) EP12701354.8
(47) 31.10.2018
(87) EP2012051297
02.08.2012
(22) 27.01.2012
(54) POLYMERIZABLE COMPOSITION COMPRISING AN OXIME SULFONATE AS THERMAL CURING AGENT
(73) BASF SE
(72) KUNIMOTO, Kazuhiko
SAMESHIMA, Kaori
MATSUOKA, Yuki
KURA, Hisatoshi
(31) 11152582
201161437024 P
(32) 28.01.2011
28.01.2011
(33) European Patent Office (EPO)
United States of America

(51) C07C 323/52
C07C 323/60
C07C 323/61
C07F 7/18
C11B 9/00
C11D 3/50
(11) EP2828240
(21) EP13710405.5
(47) 31.10.2018
(87) EP2013055641
26.09.2013
(22) 19.03.2013
(54) COMPOUNDS FOR A CONTROLLED RELEASE OF ACTIVE PERFUMING MOLECULES
(73) Firmenich SA
(72) FANKHAUSER, Peter
HERRMANN, Andreas
MADDALENA, Umberto
TRACHSEL, Alain
SHEN, Youqing
(31) 12160253
(32) 20.03.2012
(33) European Patent Office (EPO)

(51) C07C 323/59
C07C 45/74
C07F 7/18
C07C 49/753
(11) EP2064170
(21) EP07789358.4
(47) 31.10.2018
(87) GB2007050449
31.01.2008
(22) 26.07.2007
(54) CYCLOHEXANONE DERIVATIVES
(73) Biogem s.c.ar.l
(72) ROBERTS, Stanley, M.
SANTORO, Gabriella, M.
(31) 0614848
(32) 26.07.2006
(33) United Kingdom

(51) C07D 205/04
A61K 31/397
A61P 1/04
A61P 27/02
A61P 35/00
A61P 37/02
A61P 37/06
A61P 43/00
(11) EP3112347
(21) EP15755976.6
(47) 31.10.2018
(87) JP2015055867
03.09.2015
(22) 27.02.2015
(54) NOVEL ANILINE DERIVATIVE, PHARMACEUTICAL COMPOSITION CONTAINING SAME, AND USE THEREOF
(73) Kissei Pharmaceutical Co., Ltd.
(72) INOUE, Hitoshi
OHNO, Kohsuke
NAKAMURA, Tetsuya
OHSAWA, Yusuke
(31) 2014037823
(32) 28.02.2014
(33) Japan

(51) C07D 207/14
A61K 31/402
A61P 5/20
A61P 43/00
(11) EP3042893
(21) EP14842038.3
(47) 31.10.2018
(87) JP2014073426
12.03.2015
(22) 05.09.2014
(54) NOVEL CRYSTALLINE ARYLALKYLAMINE COMPOUND AND METHOD FOR PRODUCING SAME
(73) Mitsubishi Tanabe Pharma Corporation
(72) MIYAZAKI, Hiroshi
KOMASAKA, Takao
TSURUMOTO, Joji
UEMURA, Takeshi
MORITA, Yuuji
(31) PCT/JP2013/073954
(32) 05.09.2013
(33) World Intellectual Property Office (WIPO)

(51) C07D 211/58
A61K 48/00
C07C 229/16
C07C 229/24
C07C 229/26
C07C 237/06
C07D 211/28
(11) EP2640700
(21) EP11793580.9
(47) 31.10.2018
(87) US2011060877
24.05.2012
(22) 15.11.2011

(54) AMINE-CONTAINING TRANSFECTION REAGENTS AND METHODS FOR MAKING AND USING SAME
(73) Life Technologies Corporation
(72) YANG, Zhiwei
ANGRISH, Parul
DE MOLLERAT DU JEU, Xavier
WIEDERHOLT, Kristin
WU, Tao
(31) 413905 P
201161437503 P
201161438903 P
201161543242 P
(32) 15.11.2010
28.01.2011
02.02.2011
04.10.2011
(33) United States of America
United States of America
United States of America
United States of America

(51) C07D 213/71
C07C 315/04
C07D 265/30
(11) EP3178811
(21) EP15306966.1
(47) 31.10.2018
(22) 09.12.2015
(54) A PROCESS FOR THE SYNTHESIS OF SULFONES AND SULFONAMIDES
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(72) VON WOLFF, Niklas
CHAR, Joëlle
CANTAT, Thibault

(51) C07D 231/16
A01N 43/56
A01N 55/00
C07D 401/12
C07F 7/08
(11) EP3000809
(21) EP15185156.5
(47) 31.10.2018
(22) 12.05.2010
(54) FUNGICIDE PYRAZOLE CARBOXAMIDES DERIVATIVES
(73) Bayer Intellectual Property GmbH
(72) BARTELS, Guenter
BECKER, Angela
BENTING, Juergen
BRAUN, Christoph-Andreas
DAHMEN, Peter
DESBORDES, Philippe
DUBOST, Christophe
GARY, Stéphanie
GÖRGENS, Ulrich
HADANO, Hiroyuki
HARTMANN, Benoît
KNOBLOCH, Thomas
KOSTEN, Marc
LUI, Norbert
MEISSNER, Ruth
PAZENOK, Sergii
RAMA, Rachel
VOERSTE, Arnd
WACHENDORFF-NEUMANN, Ulrike
(31) 09356035
09356058
286176 P
(32) 15.05.2009
19.11.2009
14.12.2009
(33) European Patent Office (EPO)
European Patent Office (EPO)
United States of America

(51) C07D 237/14
C07D 401/10
C07D 401/12
C07D 401/14
C07D 403/10
C07D 403/12
C07D 403/14
C07D 405/10
C07D 471/04
C07D 471/10
C07D 487/04
C07D 491/10
(11) EP2029551
(21) EP07733716.0
(47) 31.10.2018
(87) GB2007050295
06.12.2007
(22) 25.05.2007
(54) PYRIDINONE AND PYRIDAZINONE DERIVATIVES AS INHIBITORS OF POLY(ADP-RIBOSE)POLYMERASE (PARP)
(73) MSD Italia S.r.l.
(72) JONES, Philip
KINZEL, Olaf
PESCATORE, Giovanna
LLAUGER BUFI, Laura
SCHULTZ-FADEMRECHT, Carsten
FERRIGNO, Federica
(31) 0610680
(32) 31.05.2006
(33) United Kingdom

(51) C07D 277/64
C12Q 1/66
(11) EP2981527
(21) EP14717070.8
(47) 31.10.2018
(87) GB2014051080
09.10.2014
(22) 07.04.2014
(54) DERIVATIVES OF LUCIFERIN.
(73) University College Cardiff Consultants Limited
(72) JATHOUL, Amit P.
GROUNDS, Helen
ANDERSON, James C.
PULE, Martin A.
(31) 201306248
(32) 05.04.2013
(33) United Kingdom

(51) C07D 305/12
B01J 19/18
C07C 45/89
C07C 49/88
(11) EP2930172
(21) EP13860044.0
(47) 31.10.2018
(87) CN2013072498
12.06.2014
(22) 12.03.2013
(54) DEVICE AND METHOD FOR CONTINUOUSLY PREPARING HIGH-PURITY AKD WITHOUT SOLVENT
(73) Suzhou Tianma Specialty Chemicals Co., Ltd.
(72) SUN, Baochi
TAN, Anqi
(31) 201210513320
(32) 04.12.2012
(33) China

(51) C07D 307/79
A61Q 13/00
(11) EP3124478
(21) EP16182061.8
(47) 31.10.2018
(22) 29.07.2016
(54) NOVEL ORGANOLEPTIC COMPOUNDS
(73) International Flavors & Fragrances Inc.
(72) Jones, Paul D
Arruda, Edward Mark
Levorse Jr., Anthony T
(31) 201562199012 P
(32) 30.07.2015
(33) United States of America

(51) C07D 309/12
C07C 69/734
C07C 43/23
C07F 7/18
C07C 59/64
C07D 317/64
(11) EP2861572
(21) EP13750150.8
(47) 31.10.2018
(87) IN2013000381
27.12.2013
(22) 19.06.2013
(54) IMPROVED PROCESS FOR THE PREPARATION OF 2-SUBSTITUTED-2-(6-(SUBSTITUTED)-7-METHYLBENZO[D][1,3]DIOXOL-4-YL)ACETIC ACID DERIVATIVES
(73) Natco Pharma Limited
(72) MUDDASANI, Pulla Reddy
CHINTALAPUDI, Manikumar
NANNAPANENI, Venkaiah Chowdary
(31) 2429CH2012
(32) 19.06.2012
(33) India

(51) C07D 401/04
C07D 207/277
A61K 31/4015
A61K 31/402
A61K 31/4025
A61P 35/00
C07D 403/12
C07D 405/14
C07D 401/06
C07D 401/12
C07D 403/04
C07D 405/04
C07D 405/12
C07D 409/12
C07D 413/10
C07D 413/12
C07D 417/12
(11) EP3177603
(21) EP15736401.9
(47) 31.10.2018

(87) EP2015001421
11.02.2016
(22) 10.07.2015
(54) PYRROLIDINONE DERIVATIVES AS METAP-2 INHIBITORS
(73) Merck Patent GmbH
(72) HEINRICH, Timo
ZENKE, Frank
ROHDICH, Felix
FRIESE-HAMIM, Manja
HAHN, Diane
(31) 14002720
(32) 04.08.2014
(33) European Patent Office (EPO)

(51) C07D 401/04
C07D 401/14
C07D 409/14
A61K 31/506
A61P 35/00
A61P 25/28
A61P 37/06
A61P 31/04
(11) EP3085700
(21) EP14871647.5
(47) 31.10.2018
(87) CN2014094314
25.06.2015
(22) 19.12.2014
(54) NOVEL PIPERIDINE CARBOXAMIDE COMPOUND, PREPARATION METHOD, AND USAGE THEREOF
(73) Institute of Pharmacology and Toxicology Academy of Military Medical Sciences P.L.A. China
(72) ZHONG, Wu
LI, Song
ZENG, Yanqun
XIAO, Junhai
ZHOU, Xinbo
ZHENG, Zhibing
LI, Xingzhou
WANG, Xiaokui
(31) 201310704743
(32) 20.12.2013
(33) China

(51) C07D 401/12
C07D 401/14
A61K 31/497
A61P 35/00
(11) EP2776417
(21) EP12784666.5
(47) 31.10.2018
(87) GB2012052786
16.05.2013
(22) 09.11.2012
(54) 5-(PYRIDIN-2-YL-AMINO)-PYRAZINE-2-CARBONITRILE COMPOUNDS AND THEIR THERAPEUTIC USE
(73) Cancer Research Technology Limited
(72) COLLINS, Ian
LAINCHBURY, Michael
MATTHEWS, Thomas Peter
READER, John Charles
(31) 201161557457 P
(32) 09.11.2011
(33) United States of America

(51) C07D 401/12
C07D 417/12
C07D 487/04
C07D 401/14
C07D 217/24
C07D 403/14
C07D 413/12
C07D 471/04
C07D 495/04
A61K 31/517
A61P 35/00
A61P 37/00
(11) EP2836487
(21) EP13717647.5
(47) 31.10.2018
(87) US2013035069
17.10.2013
(22) 03.04.2013
(54) HETEROCYCLIC COMPOUNDS AND USES THEREOF
(73) Infinity Pharmaceuticals, Inc.
(72) CASTRO, Alfredo, C.
CHAN, Katrina
EVANS, Catherine, A.
JANARDANANNAIR, Somarajannair
LESCARBEAU, Andre
LI, Liansheng
LIU, Tao
LIU, Yi
REN, Pingda
SNYDER, Daniel, A.
TREMBLAY, Martin, R.
(31) 201261622259 P
201261713404 P
(32) 10.04.2012
12.10.2012
(33) United States of America
United States of America

(51) C07D 401/14
C07D 413/04
C07D 413/14
C07D 417/04
C07D 417/14
C07D 471/04
C07D 487/04
C07D 519/00
A61K 31/54
A61P 35/00
(11) EP2467141
(21) EP10810518.0
(47) 31.10.2018
(87) US2010045816
24.02.2011
(22) 17.08.2010
(54) HETEROCYCLIC COMPOUNDS AND USES THEREOF
(73) Intellikine, LLC
(72) REN, Pingda
LIU, Yi
LI, Liansheng
CHAN, Katrina
WILSON, Troy, Edward
CAMPBELL, Simon, Fraser
(31) 234617 P
(32) 17.08.2009
(33) United States of America

(51) C07D 403/06
A61K 31/404
(11) EP2828251
(21) EP13763825.0
(47) 31.10.2018
(87) IB2013000459
26.09.2013
(22) 22.03.2013
(54) AN IMPROVED PROCESS FOR THE PREPARATION OF SUNITINIB AND ITS ACID ADDITION SALTS THEREOF
(73) Laurus Labs Limited
(72) DEHURY, Sanjay Kumar
DAMMALAPATI, Venkata Lakshmi Narasimba
INDUKURI, Venkata Sunil Kumar
GORANTLA, Seeta Ramanjaneyulu
(31) 1083CH2012
(32) 23.03.2012
(33) India

(51) C07D 403/12
C07D 295/135
(11) EP3237408
(21) EP15828406.7
(47) 31.10.2018
(87) US2015000301
30.06.2016
(22) 23.12.2015
(54) METHODS FOR PREPARING FUSED BICYCLIC 2, 4-DIAMINOPYRIMIDINE DERIVATIVES
(73) Cephalon, Inc.
(72) ALLWEIN, Shawn, P.
BAKALE, Roger, P.
MOWREY, Dale, R.
PETRILLO, Daniel E.
KLUWER, Sander
(31) 201462095861 P
(32) 23.12.2014
(33) United States of America

(51) C07D 403/12
C07D 401/14
C07D 405/14
C07D 413/14
C07D 401/12
C07D 405/12
A61K 31/501
A61P 35/00
(11) EP3242874
(21) EP16702831.5
(47) 31.10.2018
(87) US2016012659
14.07.2016
(22) 08.01.2016
(54) PYRIDAZINONE DERIVATIVES AND THEIR USE IN THE TREATMENT OF CANCER
(73) Genentech, Inc.
Constellation Pharmaceuticals, Inc.
(72) ALBRECHT, Brian, K.
BURDICK, Daniel, J.
COTE, Alexandre
DUPLESSIS, Martin
NASVESCHUK, Christopher, G.
TAYLOR, Alexander, M.
(31) 201562101953 P
(32) 09.01.2015
(33) United States of America

(51) C07D 405/14
C07D 401/04
C07D 403/04
A61K 31/497

A61K 31/4439
A61K 31/5377
A61P 29/00
(11) EP3107911
(21) EP15705807.4
(47) 31.10.2018
(87) EP2015053309
27.08.2015
(22) 17.02.2015
(54) SUBSTITUTED PYRIDONES AND PYRAZINONES AND THEIR USE AS INHIBITORS OF NEUTROPHIL ELASTASE ACTIVITY
(73) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) GNAMM, Christian
OOST, Thorsten
(31) 14156159
(32) 21.02.2014
(33) European Patent Office (EPO)

(51) C07D 405/14
C07D 401/04
C07D 403/04
C07D 403/10
C07D 405/04
C07D 409/04
C07D 409/12
C07D 409/14
C07D 413/04
C07D 209/10
C07D 209/12
C07D 209/14
(11) EP3013337
(21) EP14817453.5
(47) 31.10.2018
(87) US2014044247
31.12.2014
(22) 26.06.2014
(54) PRIMARY CARBOXAMIDES AS BTK INHIBITORS
(73) Abbvie Inc.
(72) BONAFOUX, Dominique
DAVIS, Heather, M.
FRANK, Kristine, E.
FRIEDMAN, Michael, M.
HEROLD, J., Martin
HOEMANN, Michael, Z.
HUNTLEY, Raymond
OSUMA, Augustine
SHEPPARD, George
SOMAL, Gagandeep, K.
VAN CAMP, Jennifer
VAN EPPS, Stacy, A.
VASUDEVAN, Anil
WALLACE, Grier, A.
WANG, Lu
WANG, Lu
WANG, Zhi
WILSON, Noel, S.
XU, Xiangdong
(31) 201361839729 P
201361897577 P
(32) 26.06.2013
30.10.2013
(33) United States of America
United States of America

(51) C07D 405/14
C07D 413/14
C07D 401/12
C07D 417/14
C07D 471/04
A61K 31/506
A61P 25/18
(11) EP2922823
(21) EP13856456.2
(47) 31.10.2018
(87) US2013070214
30.05.2014
(22) 15.11.2013
(54) PYRIMIDINE PDE10 INHIBITORS
(73) Merck Sharp & Dohme Corp.
(72) MCCOMAS, Casey, C.
KUDUK, Scott, D.
REGER, Thomas, S.
(31) 201261728464 P
(32) 20.11.2012
(33) United States of America

(51) C07D 471/04
A61Q 5/06
C09B 69/10
(11) EP3233855
(21) EP15820103.8
(47) 31.10.2018
(87) EP2015080323
23.06.2016
(22) 17.12.2015
(54) USE FOR DYEING KERATIN FIBRES OF A COMPOUND OF AZOMETHINE TYPE BEARING TWO PYRAZOLOPYRIDINE UNITS
(73) L'OREAL
(72) FADLI, Aziz
BLAIS, Stéphane
(31) 1463006
(32) 19.12.2014
(33) France

(51) C07D 471/04
C07D 473/00
C07D 487/04
C07D 513/04
A61K 31/519
A61K 31/52
A61P 25/02
A61P 35/00
A61P 37/00
(11) EP3080122
(21) EP14825000.4
(47) 31.10.2018
(87) US2014069839
18.06.2015
(22) 11.12.2014
(54) BIARYL COMPOUNDS USEFUL FOR THE TREATMENT OF HUMAN DISEASES IN ONCOLOGY, NEUROLOGY AND IMMUNOLOGY
(73) Sunesis Pharmaceuticals, Inc.
Biogen MA Inc.
(72) HOPKINS, Brian T.
MA, Bin
CHAN, Timothy Raymond
KUMARAVEL, Gnanasambandam
MIAO, Hua
BERTOLOTTI-CIARLET, Andrea
OTIPOBY, Kevin
(31) 201361914891 P
(32) 11.12.2013
(33) United States of America

(51) C07D 471/10
C07D 498/10
A61K 31/435
A61K 31/537
A61P 9/00
(11) EP3087077
(21) EP14875049.0
(47) 31.10.2018
(87) US2014071336
02.07.2015
(22) 19.12.2014
(54) INHIBITORS OF THE RENAL OUTER MEDULLARY POTASSIUM CHANNEL
(73) Merck Sharp & Dohme Corp.
(72) DONG, Shuzhi
PASTERNAK, Alexander
GU, Xin
FU, Qinghong
JIANG, Jinlong
DING, Fa-Xiang
TANG, Haifeng
DEJESUS, Reynalda, K.
SUZUKI, Takao
(31) PCT/CN2013/090335
(32) 24.12.2013
(33) World Intellectual Property Office (WIPO)

(51) C07D 487/04
A61K 31/4188
A61K 31/5377
A61K 31/496
A61P 31/04
(11) EP3114126
(21) EP15707154.9
(47) 31.10.2018
(87) EP2015054358
11.09.2015
(22) 03.03.2015
(54) 1,2-DIHYDRO-3H-PYRROLO[1,2-C]IMIDAZOL-3-ONE DERIVATIVES AND THEIR USE AS ANTIBACTERIAL AGENTS
(73) Idorsia Pharmaceuticals Ltd
(72) CHAPOUX, Gaelle
GAUVIN, Jean-Christophe
PANCHAUD, Philippe
SPECKLIN, Jean-Luc
SURIVET, Jean-Philippe
SCHMITT, Christine
MIRRE, Azely
(31) 14157636
(32) 04.03.2014
(33) European Patent Office (EPO)

(51) C07D 487/04
A61K 31/5025
A61P 3/04
(11) EP1848749
(21) EP06734512.4
(47) 31.10.2018
(87) US2006004306
10.08.2006
(22) 03.02.2006
(54) Contact drug delivery system
(73) Auburn University
(72) BYRNE, Mark, E.
VENKATESM, Siddarth
(31) 650450 P
692049 P

736140 P
346770
(32) 04.02.2005
17.06.2005
10.11.2005
03.02.2006
(33) United States of America
United States of America
United States of America
United States of America

(51) C07D 487/04
A61K 31/519
A61P 25/00
(11) EP3152213
(21) EP15745595.7
(47) 31.10.2018
(87) US2015034009
10.12.2015
(22) 03.06.2015
(54) DIFLUOROETHYLPYRIDINE DERIVATIVES AS NR2B NMDA RECEPTOR ANTAGONISTS
(73) Rugen Holdings (Cayman) Limited
(72) SHAPIRO, Gideon
(31) 201462007762 P
(32) 04.06.2014
(33) United States of America

(51) C07D 487/04
A61K 31/519
A61P 35/00
A61P 37/00
(11) EP3160968
(21) EP15744357.3
(47) 31.10.2018
(87) IB2015054844
30.12.2015
(22) 26.06.2015
(54) SUBSTITUTED CHROMENE DERIVATIVES AS SELECTIVE DUAL INHIBITORS OF PI3 DELTA AND GAMMA PROTEIN KINASES
(73) Rhizen Pharmaceuticals S.A.
(72) BHAVAR, Prashant Kashinath
VAKKALANKA, Swaroop Kumar Venkata Satya
(31) 3144CH2014
(32) 27.06.2014
(33) India

(51) C07D 487/04
A61K 31/55
A61P 35/00
(11) EP3016954
(21) EP14735966.5
(47) 31.10.2018
(87) EP2014064358
08.01.2015
(22) 04.07.2014
(54) CRYSTALLINE FORMS OF PONATINIB HYDROCHLORIDE
(73) Sandoz AG
(72) STEFINOVIC, Marijan
REECE, Hayley
SUNKARA, Asha
(31) 13175184
13188348
(32) 04.07.2013
11.10.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C07D 487/04
C07D 519/00
A61K 31/4985
A61P 19/08
A61P 29/00
A61P 31/00
A61P 35/00
A61P 37/00
(11) EP2734522
(21) EP12733505.7
(47) 31.10.2018
(87) EP2012063552
24.01.2013
(22) 11.07.2012
(54) 4-IMIDAZOPYRIDAZIN-1-YL-BENZAMIDES AND 4-IMIDAZOTRIAZIN-1-YL-BENZAMIDES AS BTK-INHIBITORS
(73) Merck Sharp & Dohme B.V.
(72) BARF, Tjeerd A.
JANS, Christiaan, Gerardus, Johannes, Maria
MAN, de Adrianus, Petrus, Antonius
OUBRIE, Arthur A.
RAAIJMAKERS, Hans C.A.
REWINKEL, Johannes, Bernardus, Maria
STERRENBURG, Jan-Gerard
WIJKMANS, Jacobus C.H.M.
(31) 201161509397 P
11174578
(32) 19.07.2011
19.07.2011
(33) United States of America
European Patent Office (EPO)

(51) C07D 493/08
A61K 31/352
A61P 35/00
A61P 35/02
(11) EP2805955
(21) EP13739109.0
(47) 31.10.2018
(87) CN2013070803
25.07.2013
(22) 21.01.2013
(54) 1-OXO/ACYLATION-14-ACYLATED ORIDONIN DERIVATIVE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
(73) Bensen Pharmaceutical (Shanghai) Corp. Ltd.
(72) XU, Rongzhen
RONG, Frank
XIE, Fuwen
LAI, Hongxi
(31) PCT/CN2012/000124
(32) 21.01.2012
(33) World Intellectual Property Office (WIPO)

(51) C07D 498/04
C07D 519/00
A61K 31/553
A61P 1/16
A61P 3/04
A61P 3/06
A61P 3/10
A61P 13/12
A61P 17/10
A61P 31/12
(11) EP2922551
(21) EP13856479.4
(47) 31.10.2018
(87) US2013071376
30.05.2014
(22) 22.11.2013
(54) NOVEL COMPOUNDS AS DIACYLGLYCEROL ACYLTRANSFERASE INHIBITORS
(73) GlaxoSmithKline LLC
(72) CHEUNG, Mui
TANGIRALA, Raghuram, S.
(31) 3593DE2012
750DE2013
3172DE2013
(32) 23.11.2012
14.03.2013
25.10.2013
(33) India
India
India

(51) C07F 7/21
C08G 77/50
C08K 5/34
C08K 5/56
C08L 83/00
C08L 83/04
C08K 5/3492
C08G 77/00
H01L 33/56
C08G 77/12
C08G 77/04
C08G 77/20
(11) EP2620441
(21) EP11826768.1
(47) 31.10.2018
(87) JP2011070854
29.03.2012
(22) 13.09.2011
(54) MODIFIED PRODUCT OF POLYHEDRAL STRUCTURE POLYSILOXANE, POLYHEDRAL STRUCTURE POLYSILOXANE COMPOSITION, CURED PRODUCT, AND OPTICAL SEMICONDUCTOR DEVICE
(73) Kaneka Corporation
(72) TANAKA Hiroyuki
MANABE Takao
(31) 2011064641
2010211887
(32) 23.03.2011
22.09.2010
(33) Japan
Japan

(51) C07F 9/40
C07H 19/10
C07H 19/207
A61K 31/661
A61P 31/14
(11) EP2998307
(21) EP14798157.5
(47) 31.10.2018
(87) CN2014000302
20.11.2014
(22) 20.03.2014
(54) PHOSPHORIC ACID/PHOSPHONIC ACID DERIVATIVES AND MEDICINAL USES THEREOF
(73) Beijing SL Pharmaceutical Co., Ltd.
(72) WANG, Jianming

CHEN, Xiaoguang
CHEN, Junping
FAN, Shan
(31) 201310176630
(32) 14.05.2013
(33) China

(51) C07F 9/53
C07F 9/40
A61K 31/66
(11) EP3233870
(21) EP15820800.9
(47) 31.10.2018
(87) US2015066594
23.06.2016
(22) 18.12.2015
(54) FUMAGILLOL DERIVATIVES
(73) Takeda Pharmaceutical Company Limited
(72) CHERUVALLATH, Zacharia
LAWSON, John David
MCBRIDE, Christopher
(31) 201462094823 P
(32) 19.12.2014
(33) United States of America

(51) C07F 9/6574
(11) EP2797939
(21) EP12818896.8
(47) 31.10.2018
(87) EP2012077018
04.07.2013
(22) 28.12.2012
(54) METHOD FOR PURIFYING ORGANIC DIPHOSPHITE COMPOUNDS
(73) BASF SE
(72) BERENS, Ulrich
GANZ, Holger
WINDLIN, Franz, Niklaus
AL-AKHDAR, Walid
(31) 11196183
(32) 30.12.2011
(33) European Patent Office (EPO)

(51) C07F 15/00
A61K 31/282
A61K 31/555
A61P 35/00
(11) EP2924044
(21) EP13855223.7
(47) 31.10.2018
(87) CN2013001390
22.05.2014
(22) 15.11.2013
(54) PLATINUM COMPOUND OF MALONIC ACID DERIVATIVE HAVING LEAVING GROUP CONTAINING AMINO OR ALKYLAMINO
(73) Beijing Shuobai Pharmaceutical Co., LTD
(72) CHEN, Xiaoping
YAN, Yashi
MENG, Xiaoping
ZHAO, Feng
GAO, Zejun
WEN, Shouming
(31) 201210466262
(32) 17.11.2012
(33) China

(51) C07F 15/00
C07B 37/04
(11) EP2859005
(21) EP13801013.7
(47) 31.10.2018
(87) US2013030779
12.12.2013
(22) 13.03.2013
(54) PHOSPHINE-LIGATED PALLADIUM SULFONATE PALLADACYCLES
(73) Massachusetts Institute of Technology
(72) BRUNO, Nicholas, C.
BUCHWALD, Stephen, L.
(31) 201261657377 P
(32) 08.06.2012
(33) United States of America

(51) C07H 21/04
C12N 15/11
(11) EP2697243
(21) EP12763390.7
(47) 31.10.2018
(87) US2012031642
04.10.2012
(22) 30.03.2012
(54) MODULATION OF SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 3 (STAT3) EXPRESSION
(73) Ionis Pharmaceuticals, Inc.
(72) SWAYZE, Eric E.
FREIER, Susan M.
MACLEOD, Robert A.
KIM, Youngsoo
(31) 201161471001 P
201161471045 P
201161471035 P
201161471015 P
201161558308 P
201161558316 P
(32) 01.04.2011
01.04.2011
01.04.2011
01.04.2011
10.11.2011
10.11.2011
(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) C07K 1/04
C07K 14/21
(11) EP3000822
(21) EP15020002.0
(47) 31.10.2018
(22) 08.01.2015
(54) A novel method of pseudofactin synthesis
(73) Uniwersytet Wroclawski
(72) Krasowska, Anna
Lukaszewicz, Marcin
Grzywacz, Daria
Kamysz, Wojciech
(31) 40959514
(32) 25.09.2014
(33) Poland

(51) C07K 1/18
(11) EP2748178
(21) EP12748689.2
(47) 31.10.2018
(87) EP2012066135
28.02.2013
(22) 17.08.2012
(54) CATION AND ANION EXCHANGE CHROMATOGRAPHY METHOD
(73) F. Hoffmann-La Roche AG
(72) FALKENSTEIN, Roberto
MAGRI, Maria, Laura
MEHR, Michaela
SCHWENDNER, Klaus
SPENSBERGER, Bernhard
(31) 11178745
11183862
(32) 25.08.2011
04.10.2011
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C07K 7/06
C07K 7/08
C07K 14/78
A61K 38/08
A61K 38/10
A61K 38/39
C08B 37/08
A61P 29/00
A61L 27/54
C07K 9/00
C07K 14/47
(11) EP3208278
(21) EP17150828.6
(47) 31.10.2018
(22) 24.05.2012
(54) HYALURONIC ACID-BINDING SYNTHETIC PEPTIDOGLYCANS, PREPARATION, AND METHODS OF USE
(73) Symic IP, LLC
(72) SHARMA, Shaili
PANITCH, Alyssa
BERNHARD, Jonathan C.
PADERI, John E.
(31) 201161489602 P
201161550621 P
(32) 24.05.2011
24.10.2011
(33) United States of America
United States of America

(51) C07K 14/00
G01N 33/92
(11) EP2910932
(21) EP14187900.7
(47) 31.10.2018
(22) 16.01.2009
(54) Development and use of cysteine-labeled fluorescent probes of unbound analytes
(73) Ffa Sciences, LLC
(72) Kleinfeld, Alan, Marc
Huber, Andrew, Henry
Kampf, James, Patrick
Kwan, Thomas
Zhu, Baolong
(31) 22261 P
(32) 18.01.2008
(33) United States of America

(51) C07K 14/075
(11) EP2356134
(21) EP09826819.6
(47) 31.10.2018
(87) US2009064355
20.05.2010
(22) 13.11.2009

(54) OPTICALLY-BASED STIMULATION OF TARGET CELLS AND MODIFICATIONS THERETO
(73) The Board of Trustees of the Leland Stanford Junior University
(72) DEISSEROTH, Karl
YIZHAR, Ofer
GUNAYDIN, Lisa
HEGEMANN, Peter
BERNDT, Andre
(31) 114781 P
(32) 14.11.2008
(33) United States of America

(51) C07K 14/11
C12N 15/86
(11) EP2998315
(21) EP15159486.8
(47) 31.10.2018
(22) 02.04.2010
(54) NEWCASTLE DISEASE VIRUS VECTORED AVIAN VACCINES
(73) Merial, Inc.
(72) BUBLOT, Michel
REYNARD, Frederic
LE GROS, Francois-Xavier
(31) 166481 P
(32) 03.04.2009
(33) United States of America

(51) C07K 14/37
(11) EP2430041
(21) EP09840273.8
(47) 31.10.2018
(87) IN2009000306
26.08.2010
(22) 27.05.2009
(54) CANCER CELL BINDING RECOMBINANT LECTINS WITH ANTITUMOR ACTIVITY AND METHOD OF PREPARATION
(73) Unichem Laboratories Limited
Karnatak University
(72) SWAMY, Bale Murugi
INAMDAR, Shashikala Ramchandra
VENKAT, Hemalatha
CHACHADI, Vishwanath Basavaraj
NAGRE, Nagaraja Narayan
RAMADOSS, Candadai Seshadri
(31) 350MU2009
(32) 18.02.2009
(33) India

(51) C07K 14/47
(11) EP2970414
(21) EP14719989.7
(47) 31.10.2018
(87) US2014028650
18.09.2014
(22) 14.03.2014
(54) FUSION PROTEINS AND METHODS FOR IDENTIFYING BROMODOMAIN INHIBITING COMPOUNDS
(73) Constellation Pharmaceuticals, Inc.
(72) HUANG, Hon-Ren
SIMS, Robert, J. III
BELLON, Steven, Frank
(31) 201361798644 P
201361902690 P
(32) 15.03.2013
11.11.2013
(33) United States of America
United States of America

(51) C07K 14/705
(11) EP3099706
(21) EP14701918.6
(47) 31.10.2018
(87) EP2014000244
06.08.2015
(22) 29.01.2014
(54) PEPTIDE MIMOTOPES OF CLAUDIN 18.2 AND USES THEREOF
(73) BioNTech AG
TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
JPT Peptide Technologies GmbH
(72) SAHIN, Ugur
DANESCHDAR, Matin
SCHMOLDT, Hans-Ulrich
PLUM, Laura-Marie
FIEDLER, Markus
REIMER, Ulf
SCHNATBAUM, Karsten

(51) C07K 14/78
(11) EP3124496
(21) EP16185748.7
(47) 31.10.2018
(22) 31.03.2009
(54) MUTANTS OF STREPTOKINASE AND THEIR COVALENTLY MODIFIED FORMS
(73) Council of Scientific & Industrial Research
(72) KUMAR, Shekhar
MAHESHWARI, Neeraj
SAHNI, Girish
(31) 837DE2008
(32) 31.08.2008
(33) India

(51) C07K 16/00
A61K 39/395
C12N 5/09
A61P 37/00
C07K 16/28
(11) EP2543730
(21) EP11750823.4
(47) 31.10.2018
(87) JP2011055101
09.09.2011
(22) 04.03.2011
(54) ANTIBODY CONSTANT REGION VARIANT
(73) Chugai Seiyaku Kabushiki Kaisha
(72) KURAMOCHI, Taichi
IGAWA, Tomoyuki
MAEDA, Atsuhiko
MIMOTO, Futa
(31) 2010048218
(32) 04.03.2010
(33) Japan

(51) C07K 16/08
A61K 39/00
(11) EP2828292
(21) EP13763643.7
(47) 31.10.2018
(87) US2013031853
26.09.2013
(22) 15.03.2013
(54) JCV NEUTRALIZING ANTIBODIES
(73) Biogen MA Inc.
(72) SIMON, Kenneth
CAMERON, Thomas
RUSHE, Mia
CARAVELLA, Justin
KAYNOR, George, Campbell
(31) 201261613249 P
(32) 20.03.2012
(33) United States of America

(51) C07K 16/24
A61K 39/395
A61P 37/06
C07K 14/54
C07K 14/52
(11) EP2426144
(21) EP11172014.0
(47) 31.10.2018
(22) 21.02.2008
(54) ENGINEERED ANTI-IL-23P19 ANTIBODIES
(73) Merck Sharp & Dohme Corp.
(72) Presta, Leonard G.
Beyer, Brian M.
Ingram, Richard N.
Orth, Peter
Liu, Yan-Hui
(31) 891409 P
(32) 23.02.2007
(33) United States of America

(51) C07K 16/24
A61K 39/395
G01N 33/53
C12N 15/13
C12N 5/12
(11) EP2855524
(21) EP13726501.3
(47) 31.10.2018
(87) EP2013061121
05.12.2013
(22) 29.05.2013
(54) NOVEL IL-3 ANTIBODIES AND THEIR USE IN DIAGNOSIS AND TREATMENT OF DISEASES OR MALFUNCTIONS ASSOCIATED WITH ELEVATED LEVELS OF IL-3
(73) Universitätsklinikum Regensburg
(72) MACK, Matthias
BRÜHL, Hilke
RENNER, Kerstin
(31) 12169799
(32) 29.05.2012
(33) European Patent Office (EPO)

(51) C07K 16/28
A61K 39/395
(11) EP2545077
(21) EP11711490.0
(47) 31.10.2018
(87) EP2011053646
15.09.2011
(22) 10.03.2011
(54) MONOCLONAL ANTIBODIES AGAINST C-MET
(73) Genmab A/S
(72) NEIJSSEN, Joost, J.
DE GOEIJ, Bart
VAN DEN BRINK, Edward
LABRIJN, Aran, Frank
HOET, Rene, M., A.

SCHUURMAN, Janine
PARREN, Paul
VAN DE WINKEL, Jan
(31) 201000862
312622 P
201000191
(32) 24.09.2010
10.03.2010
10.03.2010
(33) Denmark
United States of America
Denmark

(51) C07K 16/28
A61K 39/395
A61P 35/00
(11) EP3066128
(21) EP14803287.3
(47) 31.10.2018
(87) US2014064153
14.05.2015
(22) 05.11.2014
(54) COMBINATION OF ANTI-KIR AND ANTI-CS1 ANTIBODIES TO TREAT MULTIPLE MYELOMA
(73) Innate Pharma
Bristol-Myers Squibb Company
(72) ANDRE, Pascale
BLERY, Mathieu
BONNAFOUS, Cecile
GUPTA, Ashok, K.
SALTER-CID, Luisa, M.
ROBBINS, Michael Darron
(31) 201361900775 P
(32) 06.11.2013
(33) United States of America

(51) C07K 16/28
A61P 35/00
(11) EP2129397
(21) EP08726281.2
(47) 31.10.2018
(87) US2008002710
12.09.2008
(22) 29.02.2008
(54) METHODS AND COMPOSITIONS FOR TREATING TUMOR DISEASES
(73) Amgen, Inc.
(72) BELTRAN, Pedro J.
CALZONE, Frank J.
FRIBERG, Gregory
HAQQ, Christopher
TOLCHER, Anthony W.
(31) 904538 P
(32) 02.03.2007
(33) United States of America

(51) C07K 16/30
C12N 9/88
A61K 39/395
(11) EP2582726
(21) EP11738959.3
(47) 31.10.2018
(87) EP2011003444
29.12.2011
(22) 21.06.2011
(54) ANTIBODY DERIVATIVES
(73) Istituto Superiore di Sanità
Diatheva S.r.l.
(72) CIANFRIGLIA, Maurizio
FLEGO, Michela
ASCIONE, Alessandro
FIORI, Valentina
DOMINICI, Sabrina
MALLANO, Alessandra
MORICOLI, Diego
ZAMBONI, Silvia
(31) 201010389
(32) 21.06.2010
(33) United Kingdom

(51) C07K 19/00
C07K 14/78
A61K 38/39
A61L 27/24
C07K 14/47
(11) EP2700655
(21) EP11863809.7
(47) 31.10.2018
(87) KR2011009708
26.10.2012
(22) 16.12.2011
(54) SURFACE-ACTIVE COLLAGEN MEMBRANE BY PEPTIDE
(73) Nano Intelligent Biomedical Engineering Corporation Co., Ltd.
(72) CHUNG, Chong-Pyoung
PARK, Yoon-Jeong
LEE, Jue-Yeon
SHIM, In Kyong
PARK, Hyun Jung
(31) 20110037840
(32) 22.04.2011
(33) Korea (Republic)

(51) C08B 11/193
C08B 11/145
(11) EP3214098
(21) EP17158952.6
(47) 31.10.2018
(22) 02.03.2017
(54) CELLULOSE ETHERS SUBSTITUTED WITH HYDROXYALKYL AND OMEGA-ALKINYL GROUPS AND CELLULOSE ETHERS SUBSTITUTED WITH HYDROXYALKYL, OMEGA-ALKINYL AND AZIDO GROUPS AND THEIR USE AS WATER-INSOLUBLE ADHESIVES
(73) SE Tylose GmbH & Co.KG
(72) Kleinert, Mike
Wischang, Diana
(31) 102016103792
(32) 03.03.2016
(33) Germany

(51) C08B 15/02
(11) EP2576629
(21) EP11729641.8
(47) 31.10.2018
(87) FI2011050526
15.12.2011
(22) 07.06.2011
(54) A NOVEL METHOD TO PRODUCE MICROCELLULOSE
(73) Aalto University Foundation sr
(72) DAHL, Olli
VANHATALO, Kari
PARVIAINEN, Kari
(31) 20105642
(32) 07.06.2010
(33) Finland

(51) C08F 2/01
C08F 6/00
C08F 6/10
(11) EP3290445
(21) EP16187196.7
(47) 31.10.2018
(22) 05.09.2016
(54) PROCESS FOR THE PRODUCTION OF A POLYMER USING A COMPOUND COMPRISING AT LEAST 2 UNSATURATED CARBON-CARBON BONDS
(73) SABIC Global Technologies B.V.
(72) YOUSSEF, Ahmed Abouelfetouh
LOWRY, Vern
FERRARIS, Dane

(51) C08F 4/649
C08F 4/651
C08F 10/06
(11) EP2185600
(21) EP08798242.7
(47) 31.10.2018
(87) US2008073678
05.03.2009
(22) 20.08.2008
(54) SELF-LIMITING CATALYST COMPOSITION WITH NO SILANE
(73) W.R. Grace & CO. - CONN.
(72) CHEN, Linfeng
CAMPBELL, Jr, Richard, E.
(31) 957911 P
(32) 24.08.2007
(33) United States of America

(51) C08F 12/00
C08F 8/22
C08K 5/00
(11) EP2158233
(21) EP08770420.1
(47) 31.10.2018
(87) US2008066219
18.12.2008
(22) 06.06.2008
(54) ADDUCTS, ADDUCTS AND OLIGOMERS, OR ADDUCTS, OLIGOMERS AND LOW MOLECULAR WEIGHT POLYMERS, AND THEIR PREPARATION
(73) Albemarle Corporation
(72) LAYMAN, William, J., Jr.
MACK, Arthur, G.
KOLICH, Charles, H.
(31) 942599 P
(32) 07.06.2007
(33) United States of America

(51) C08F 214/22
(11) EP3266802
(21) EP17181690.3
(47) 31.10.2018
(22) 26.02.2015
(54) VINYLIDENE FLUORIDE COPOLYMER, METHOD FOR PRODUCING THE SAME, GEL ELECTROLYTE, AND NON-AQUEOUS BATTERY
(73) Kureha Corporation
(72) WATANABE, Keisuke
KAMATA, Shintarou
(31) 2014047513
(32) 11.03.2014
(33) Japan

(51) C08F 220/28
G03F 7/039
C07D 307/93
C07D 307/94
C07D 493/18
C07D 307/77
C07D 493/20
(11) EP3184561
(21) EP16203978.8
(47) 31.10.2018
(22) 14.12.2016
(54) RESIST COMPOSITION, PATTERN FORMING PROCESS, POLYMER, AND MONOMER
(73) Shin-Etsu Chemical Co., Ltd.
(72) ADACHI, Teppei
TANIGUCHI, Ryosuke
HASEGAWA, Koji
YAMADA, Kenji
(31) 2015253067
(32) 25.12.2015
(33) Japan

(51) C08F 220/36
B41J 2/01
B41M 5/00
C08F 212/08
C08F 222/02
C09D 11/023
C09D 11/106
C09D 11/30
C09D 11/40
C09D 11/322
C09D 11/326
(11) EP3253808
(21) EP16746306.6
(47) 31.10.2018
(87) JP2016000454
11.08.2016
(22) 28.01.2016
(54) NOVEL COPOLYMER, AQUEOUS INK, AND INK CARTRIDGE
(73) Ricoh Company, Ltd.
(72) HARADA, Shigeyuki
YANAGAWA, Yoshiki
KATOH, Keita
FUKUOKA, Masayuki
NAGAI, Kazukiyo
KOIZUKA, Yuusuke
SHIMADA, Tomoyuki
SABU, Akiyoshi
(31) 2015018161
2015179957
(32) 02.02.2015
11.09.2015
(33) Japan
Japan

(51) C08F 220/38
C08F 220/60
(11) EP2132241
(21) EP08735769.5
(47) 31.10.2018
(87) EP2008054024
23.10.2008
(22) 03.04.2008
(54) COPOLYMER INCLUDING BETAININC UNITS AND HYDROPHOBIC AND/ OR AMPHIPHILE UNITS, METHOD FOR PREPARING SAME AND USES THEREOF
(73) Rhodia Opérations
(72) MONIN, David
LABEAU, Marie-Pierre
VUONG, Chi-Thanh
CADIX, Arnaud
BENDEJACQ, Denis
(31) 0702497
(32) 05.04.2007
(33) France

(51) C08F 220/56
C08F 2/10
C02F 1/56
D21H 21/10
(11) EP1511776
(21) EP03752963.3
(47) 31.10.2018
(87) SE2003000793
27.11.2003
(22) 15.05.2003
(54) A WATER-SOLUBLE POLYMER DISPERSION AND A METHOD OF PRODUCING A WATER-SOLUBLE POLYMER DISPERSION
(73) Kemira Oyj
(72) STRUCK, Oliver
PRZYBYLA, Christian
JAEGER, Werner
HAHN, Mathias
RUPPELT, Dirk
(31) 10221585
10221584
(32) 15.05.2002
15.05.2002
(33) Germany
Germany

(51) C08F 255/00
C08F 8/42
C08L 23/00
H01L 23/29
(11) EP2933279
(21) EP13869614.1
(47) 31.10.2018
(87) KR2013012114
03.07.2014
(22) 24.12.2013
(54) COPOLYMER
(73) LG Chem, Ltd.
(72) CHOI, Sung Ho
LEE, Choong Hoon
WOO, Ji Yoon
KIM, Hyo Ju
GONG, Jin Sam
(31) 20120151830
20130104465
20130104464
20130104467
20130104466
(32) 24.12.2012
30.08.2013
30.08.2013
30.08.2013
30.08.2013
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) C08F 265/06
B01D 53/02
C08F 2/24
(11) EP3237093
(21) EP15817469.8
(47) 31.10.2018
(87) FR2015053311
30.06.2016
(22) 03.12.2015
(54) USE OF COATINGS MADE FROM AQUEOUS POLYMER DISPERSIONS HAVING A CORE/SHELL STRUCTURE FOR CAPTURING VOLATILE ORGANIC COMPOUNDS SUCH AS ALDEHYDES
(73) Arkema France
(72) BOONE, Alain
ROIDOT, Chantal
BEURDELEY, Patricia
FOURNIER, Frédéric
(31) 1463089
(32) 22.12.2014
(33) France

(51) C08F 297/00
C08F 299/00
C08F 230/00
C08F 212/14
C08F 212/12
C08F 220/10
C08F 220/30
C08L 55/00
C08J 5/00
C08J 7/04
(11) EP3078686
(21) EP14867487.2
(47) 31.10.2018
(87) KR2014012029
11.06.2015
(22) 08.12.2014
(54) BLOCK COPOLYMER
(73) LG Chem, Ltd.
(72) LEE, Mi Sook
KIM, Jung Keun
LEE, Je Gwon
PARK, No Jin
KU, Se Jin
CHOI, Eun Young
YOON, Sung Soo
(31) 20130151866
20130151865
20130151867
20130159994
20140131964
(32) 06.12.2013
06.12.2013
06.12.2013
20.12.2013
30.09.2014
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) C08F 297/06
C08F 4/654
C08F 210/06
(11) EP3187518
(21) EP15836727.6

(47) 31.10.2018
(87) JP2015072958
03.03.2016
(22) 14.08.2015
(54) MANUFACTURING METHOD FOR PROPYLENE BLOCK COPOLYMER
(73) Toho Titanium CO., LTD.
(72) IMAI, Masafumi
SUGANO, Toshihiko
UOZUMI, Toshiya
HAGA, Yuta
(31) 2014171860
(32) 26.08.2014
(33) Japan

(51) C08G 18/32
C08G 18/48
C08G 18/66
C08G 18/76
C09J 175/08
(11) EP2895519
(21) EP13759254.9
(47) 31.10.2018
(87) EP2013068731
20.03.2014
(22) 10.09.2013
(54) STRUCTURAL POLYURETHANE ADHESIVE WITH LOW GLASS TRANSITION TEMPERATURE
(73) Sika Technology AG
(72) BURCKHARDT, Urs
KELCH, Steffen
CANNAS, Rita
(31) 12183893
(32) 11.09.2012
(33) European Patent Office (EPO)

(51) C08G 18/48
C08G 18/10
C09D 175/14
C09J 175/14
C08L 75/14
C08L 75/16
(11) EP3168248
(21) EP15194065.7
(47) 31.10.2018
(22) 11.11.2015
(54) CURING METHOD FOR POLYURETHANES
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
Henkel AG & Co. KGaA
(72) TADEN, Andreas
KIRSCHBAUM, Stefan
DAMKE, Jan-Erik
LANDFESTER, Katharina

(51) C08G 18/48
C08G 18/66
C08G 18/72
C08G 18/76
C08G 18/79
C08G 18/24
C08G 18/32
C08G 18/36
C08K 7/14
C09J 175/04
(11) EP3233950
(21) EP15794939.7
(47) 31.10.2018
(87) EP2015076753
23.06.2016
(22) 17.11.2015
(54) TWO-COMPONENT POLYURETHANE ADHESIVE FOR THE ADHESIVE BONDING OF MOLDED FIBER PARTS
(73) Henkel AG & Co. KGaA
(72) THIELE, Lothar
PÖLITZ, Silvana
JURKSCHAT, Klaus
ZÖLLER, Thomas
(31) 102014226277
(32) 17.12.2014
(33) Germany

(51) C08G 18/48
C08G 18/66
C08G 18/73
C08G 18/76
C08G 18/77
C08G 18/08
C08G 18/12
C08G 18/28
C08G 18/32
C08G 18/42
C08G 18/44
(11) EP3109269
(21) EP15173729.3
(47) 31.10.2018
(22) 25.06.2015
(54) UREA FREE POLYURETHANE DISPERSIONS
(73) Covestro Deutschland AG
(72) GRABLOWITZ, Hans Georg

(51) C08G 18/48
C08G 18/66
C08G 18/73
C08G 18/76
C08K 5/00
C08G 18/32
C08K 5/3445
C08L 75/08
(11) EP3058009
(21) EP14783876.7
(47) 31.10.2018
(87) EP2014071985
23.04.2015
(22) 14.10.2014
(54) CONDUCTIVE THERMOPLASTIC POLYURETHANE
(73) BASF SE
(72) SCHÄFER, Frank
MINDER, Ernst
KEMPFERT, Dirk
BAHR, Christoph
HINRICHS, Cornelia
OLTMANNS, Anja
(31) 13188767
(32) 15.10.2013
(33) European Patent Office (EPO)

(51) C08G 18/48
C09J 163/00
C08G 18/66
C08G 18/72
C08G 18/32
C09J 11/08
C08G 59/40
B29C 65/48
(11) EP2748223
(21) EP12738356.0
(47) 31.10.2018
(87) US2012046859
28.02.2013
(22) 16.07.2012
(54) TOUGHENER AND TOUGHENED EPOXY ADHESIVE
(73) Dow Global Technologies LLC
(72) JIALANELLA, Gary L.
EAGLE, Glenn G.
SCHNEIDER, Daniel
LUTZ, Andreas
(31) 201161526016 P
(32) 22.08.2011
(33) United States of America

(51) C08G 18/62
C09D 175/04
C08L 33/06
C08G 18/36
(11) EP3071617
(21) EP14821697.1
(47) 31.10.2018
(87) FR2014052892
21.05.2015
(22) 13.11.2014
(54) CROSSLINKABLE COMPOSITIONS OF 2K POLYURETHANES WITH LOW VOC CONTENT
(73) Arkema France
(72) PIERRE, Aurélie
DELMAS, Grégory
(31) 1361269
(32) 18.11.2013
(33) France

(51) C08G 18/73
E04F 15/06
C09D 163/00
C09D 175/04
(11) EP3202810
(21) EP17154118.8
(47) 31.10.2018
(22) 01.02.2017
(54) RUNNING SURFACE COATING FOR METAL FLOORS
(73) Hundt, Andreas
(72) Hundt, Andreas
(31) 202016100494 U
(32) 01.02.2016
(33) Germany

(51) C08G 59/30
C08J 5/24
C08K 3/00
C08K 5/5435
C08K 5/5465
C08L 63/00
C08G 59/32
C08G 59/62
C08K 5/54
(11) EP2368929
(21) EP09833468.3
(47) 31.10.2018
(87) JP2009071021
24.06.2010
(22) 17.12.2009
(54) EPOXY RESIN COMPOSITION, PREPREG, LAMINATE BOARD AND MULTILAYER BOARD
(73) Panasonic Intellectual Property Management Co., Ltd.

(72) NISHINO, Mitsuyoshi
SATOU, Fuminori
FUJINO, Kentaro
NAKAMURA, Yoshihiko
(31) 2008324651
(32) 19.12.2008
(33) Japan

(51) C08G 59/62
B32B 15/092
B32B 27/38
C08J 5/18
C08K 3/38
C08L 63/00
H01L 23/373
H05K 1/03
H05K 7/20
(11) EP2692759
(21) EP12762900.4
(47) 31.10.2018
(87) JP2012058247
04.10.2012
(22) 28.03.2012
(54) RESIN COMPOSITION, RESIN SHEET, CURED RESIN SHEET, RESIN SHEET LAMINATE, CURED RESIN SHEET LAMINATE AND METHOD FOR MANUFACTURING SAME, SEMICONDUCTOR DEVICE, AND LED DEVICE
(73) Hitachi Chemical Company, Ltd.
(72) NISHIYAMA, Tomoo
KUWANO, Atsushi
SHIRASAKA, Toshiaki
HARA, Naoki
YOSHIHARA, Kensuke
KATAGI, Hideyuki
(31) 2011071251
(32) 28.03.2011
(33) Japan

(51) C08G 63/664
A61K 9/51
A61K 31/765
(11) EP3004202
(21) EP14736973.0
(47) 31.10.2018
(87) IB2014061791
04.12.2014
(22) 28.05.2014
(54) COPOLYMER AND NANOPARTICLES OBTAINED THEREFROM FOR DRUG DELIVERY
(73) Fondazione Istituto Italiano di Tecnologia
(72) GAGLIARDI, Mariacristina
BIFONE, Angelo
BERTERO, Alice
(31) TO20130431
(32) 28.05.2013
(33) Italy

(51) C08G 63/78
C08G 18/42
C08G 63/685
C08G 63/91
C08G 63/16
(11) EP2676985
(21) EP12767782.1
(47) 31.10.2018
(87) JP2012050825
11.10.2012
(22) 17.01.2012
(54) PROCESS FOR PRODUCING ALIPHATIC POLYESTER HAVING ENHANCED MOLECULAR WEIGHT
(73) Showa Denko K.K.
(72) ICHIKAWA, Yasushi
KIMURA, Hideharu
ISHII, Akira
(31) 2011085502
(32) 07.04.2011
(33) Japan

(51) C08G 63/82
C08G 63/183
C08L 67/03
C08K 3/40
C08J 5/00
(11) EP2513190
(21) EP10842657.8
(47) 31.10.2018
(87) US2010061116
14.07.2011
(22) 17.12.2010
(54) POLYESTER COMPOSITIONS WITH GOOD MELT RHEOLOGICAL PROPERTIES
(73) E. I. du Pont de Nemours and Company
(72) PEACOCK, Judith, Alison
WILCZEK, Lech
(31) 287609 P
(32) 17.12.2009
(33) United States of America

(51) C08G 64/02
B01J 20/26
C02F 1/28
(11) EP3048126
(21) EP14845580.1
(47) 31.10.2018
(87) JP2014074183
26.03.2015
(22) 12.09.2014
(54) POLYCARBONATE RESIN USABLE AS OIL-ADSORBING MATERIAL
(73) Mitsubishi Gas Chemical Company, Inc.
(72) KATO, Noriyuki
HIRAKAWA, Manabu
(31) 2013195098
(32) 20.09.2013
(33) Japan

(51) C08G 64/40
C08G 64/34
(11) EP3164443
(21) EP15732681.0
(47) 31.10.2018
(87) EP2015064733
07.01.2016
(22) 29.06.2015
(54) METHOD FOR THE PURIFICATION OF POLYCARBONATE POLYOLES AND CLEANING DEVICE FOR THE SAME
(73) Covestro Deutschland AG
(72) HOFMANN, Jörg
BRAUN, Stefanie
LAEMMERHOLD, Kai
WOHAK, Matthias
AHMADZADE-YOUSSEFI, Cyrus
BAUSA, Jürgen
(31) 14175603
(32) 03.07.2014
(33) European Patent Office (EPO)

(51) C08G 65/00
C08K 5/00
(11) EP2694570
(21) EP12706278.4
(47) 31.10.2018
(87) EP2012053630
11.10.2012
(22) 02.03.2012
(54) POLYELECTROLYTIC FLOW AGENT
(73) BASF Construction Polymers GmbH
(72) DIERSCHKE, Frank
SCHINABECK, Michael
(31) 11161688
(32) 08.04.2011
(33) European Patent Office (EPO)

(51) C08G 65/30
(11) EP3037455
(21) EP14838508.1
(47) 31.10.2018
(87) JP2014071920
26.02.2015
(22) 21.08.2014
(54) METHOD FOR SEPARATING CARBOXYLIC ACID COMPOUND CONTAINING PERFLUORO(POLY)ETHER GROUP
(73) Daikin Industries, Ltd.
(72) NOMURA, Takashi
MOHARA, Kensuke
(31) 2013173346
2014019484
(32) 23.08.2013
04.02.2014
(33) Japan
Japan

(51) C08G 69/32
C08G 73/18
(11) EP2736955
(21) EP12743631.9
(47) 31.10.2018
(87) US2012048442
07.02.2013
(22) 27.07.2012
(54) PROCESS FOR PREPARING ARAMID COPOLYMER
(73) E. I. du Pont de Nemours and Company
(72) LEE, Kiu-Seung
(31) 201161513025 P
(32) 29.07.2011
(33) United States of America

(51) C08G 75/02
(11) EP2940060
(21) EP13866986.6
(47) 31.10.2018
(87) JP2013007622
03.07.2014
(22) 26.12.2013
(54) METHOD FOR PRODUCING CYCLIC POLYARYLENE SULFIDE
(73) Toray Industries, Inc.
(72) ODASHIMA, Tomoyuki
HORIUCHI, Syunsuke
ISHIBASHI, Junji
KUMAGAI, Naoto
YAMAUCHI, Koji
(31) 2012284546
2013158972

(32) 27.12.2012
31.07.2013
(33) Japan
Japan

(51) C08G 77/04
A61K 8/58
A61Q 1/00
C07F 7/08
(11) EP2970593
(21) EP14770085.0
(47) 31.10.2018
(87) US2014027617
25.09.2014
(22) 14.03.2014
(54) HIGH REFRACTIVE INDEX SILOXANES
(73) Momentive Performance Materials Inc.
(72) SRIVASTAVA, Rajiv
DUKES, Douglas, Michael
(31) 201361782138 P
(32) 14.03.2013
(33) United States of America

(51) C08G 81/00
A61K 9/107
A61K 31/69
A61P 35/00
A61K 47/60
A61K 47/64
(11) EP2692777
(21) EP12765657.7
(47) 31.10.2018
(87) JP2012058831
04.10.2012
(22) 02.04.2012
(54) PHARMACEUTICAL COMPOSITION CONTAINING BLOCK COPOLYMER COMPRISING BORONIC ACID COMPOUND
(73) NanoCarrier Co., Ltd.
(72) SAITO, Hiroyuki
KOBAYASHI, Katsutoshi
TANAKA, Ryosuke
HARADA, Mitsunori
KATO, Yasuki
(31) 2011080509
(32) 31.03.2011
(33) Japan

(51) C08G 81/02
C08F 230/02
C08G 65/332
C08L 23/08
C08L 71/02
C04B 24/32
C08F 283/06
(11) EP3194473
(21) EP15756164.8
(47) 31.10.2018
(87) EP2015069688
03.03.2016
(22) 27.08.2015
(54) BLOCK COPOLYMERS FOR USE AS FLUIDIZING AGENT
(73) Chryso
(72) FERRARI, Lucia
LEISING, Frédéric
(31) 1458083
(32) 28.08.2014
(33) France

(51) C08J 3/12
C08J 3/20
C08K 5/12
C08J 3/18
(11) EP2248854
(21) EP09715230.0
(47) 31.10.2018
(87) JP2009051769
03.09.2009
(22) 03.02.2009
(54) VINYL CHLORIDE RESIN COMPOSITION FOR POWDER MOLDING, VINYL CHLORIDE RESIN MOLDED BODY, LAMINATE, AUTOMOBILE INTERIOR MATERIAL, AND METHOD FOR PRODUCING VINYL CHLORIDE RESIN COMPOSITION FOR POWDER MOLDING
(73) Zeon Corporation
(72) HADA, Hiroyuki
YANAI, Koichi
(31) 2008049345
(32) 29.02.2008
(33) Japan

(51) C08J 5/08
B29B 9/14
B29B 9/06
B29B 15/12
B29C 47/02
(11) EP3224301
(21) EP15798434.5
(47) 31.10.2018
(87) EP2015077406
02.06.2016
(22) 24.11.2015
(54) PROCESS FOR THE MANUFACTURE OF LONG GLASS FIBRE REINFORCED POLYPROPYLENE COMPOSITIONS
(73) SABIC Global Technologies B.V.
(72) TUFANO, Carmela
GREIN, M Christelle Marie Hélène
(31) 14195135
(32) 27.11.2014
(33) European Patent Office (EPO)

(51) C08J 5/18
B29C 55/12
B32B 15/085
H01G 4/015
H01G 4/18
(11) EP2832776
(21) EP13769435.2
(47) 31.10.2018
(87) JP2013057465
03.10.2013
(22) 15.03.2013
(54) BIAXIALLY STRETCHED POLYPROPYLENE FILM FOR CAPACITORS, METALLIZED FILM, AND FILM CAPACITOR
(73) Toray Industries, Inc.
(72) NAKATSUKA, Takanori
ASANO, Tetsuya
SUGATA, Masami
(31) 2012073341
(32) 28.03.2012
(33) Japan

(51) C08J 5/18
B32B 27/36
B65D 1/26
B65D 1/34
B65D 1/36
B32B 27/08
B32B 27/30
(11) EP2599822
(21) EP12193920.1
(47) 31.10.2018
(22) 22.11.2012
(54) Packaging sheet with improved cutting properties
(73) Bemis Company, Inc.
(72) Neill, Jesten David
Barr, Curtis Randolph
Gherena, Connie Louise
Redding, Dwight Dennis
(31) 201113310034
(32) 02.12.2011
(33) United States of America

(51) C08J 5/24
(11) EP3176205
(21) EP15826622.1
(47) 31.10.2018
(87) JP2015071147
04.02.2016
(22) 24.07.2015
(54) PREPREG AND FIBER REINFORCED COMPOSITE MATERIAL
(73) Toho Tenax Co., Ltd.
(72) KUROKAWA, Kazuma
KAWAMOTO, Hironori
UMEMOTO, Yoshitaka
NAKAISHI, Akio
(31) 2014152997
2015077740
(32) 28.07.2014
06.04.2015
(33) Japan
Japan

(51) C08J 7/04
C09D 201/00
C08K 5/5415
C08L 101/00
G02B 1/00
C09D 183/04
C09D 163/00
(11) EP2907840
(21) EP14305184.5
(47) 31.10.2018
(22) 12.02.2014
(54) Optical article comprising a hard coat, and production method
(73) Essilor International
(72) Hui, Yu

(51) C08J 9/14
C08J 9/00
(11) EP2345692
(21) EP09824792.7
(47) 31.10.2018
(87) JP2009068833
14.05.2010
(22) 04.11.2009
(54) EXPANDABLE PHENOLIC RESIN COMPOSITION, PHENOLIC RESIN FOAM, AND PROCESS FOR PRODUCING THE PHENOLIC RESIN FOAM
(73) Asahi Kasei Construction Materials Corporation
(72) KITAGAWA Takatoshi

MIHORI Hisashi
FUKASAWA Yoshihito
(31) 2008286963
(32) 07.11.2008
(33) Japan

(51) C08J 11/10
C12P 7/44
C08L 67/02
(11) EP2922906
(21) EP13795210.7
(47) 31.10.2018
(87) EP2013074173
30.05.2014
(22) 19.11.2013
(54) METHOD FOR RECYCLING PLASTIC PRODUCTS
(73) Carbios
(72) BOISART, Cédric
MAILLE, Emmanuel
(31) 12306442
(32) 20.11.2012
(33) European Patent Office (EPO)

(51) C08K 3/04
C08K 3/40
C08L 33/20
C08L 55/02
C08L 69/00
G02F 1/1333
H01B 1/24
(11) EP2851389
(21) EP14186268.0
(47) 31.10.2018
(22) 24.09.2014
(54) Conductive resin composition and display device using the same
(73) Samsung Electronics Co., Ltd
(72) Kim, In
Pang, Kyeong
Hyun, Song Won
(31) 20130113547
20140013330
(32) 24.09.2013
05.02.2014
(33) Korea (Republic)
Korea (Republic)

(51) C08K 3/04
C08K 9/04
C08L 101/00
C08J 5/00
(11) EP2881428
(21) EP14837056.2
(47) 31.10.2018
(87) KR2014008020
05.03.2015
(22) 28.08.2014
(54) RESIN COMPOSITION CONTAINING CARBON NANOMATERIAL AND PLASTIC MOLDED PRODUCT
(73) LG Chem, Ltd.
(72) CHOI, Yeon Sik
LEE, Su Min
YUN, Chang Hun
CHOI, Gi Dae
(31) 20130104595
(32) 02.09.2013
(33) Korea (Republic)

(51) C08K 3/08
C08K 9/02
C08K 9/08
C08L 33/12
C08L 33/14
C09C 1/64
C09D 129/14
C09D 183/00
C08K 9/00
(11) EP2706096
(21) EP13183218.0
(47) 31.10.2018
(22) 05.09.2013
(54) Resin composition and article using the same
(73) Lotte Advanced Materials Co., Ltd.
(72) Kim, Young-Sin
Park, Kang Yeol
Kwon, Young Chul
(31) 20120099033
(32) 06.09.2012
(33) Korea (Republic)

(51) C08K 5/06
C08K 5/20
H01B 3/18
(11) EP3133113
(21) EP16186769.2
(47) 31.10.2018
(22) 23.09.2011
(54) POLYMERIC COMPOSITIONS WITH VOLTAGE STABILIZER ADDITIVE
(73) Union Carbide Chemicals & Plastics Technology LLC
(72) PERSON, Timothy J.
(31) 388260 P
(32) 30.09.2010
(33) United States of America

(51) C08K 7/14
C08J 5/08
(11) EP1448696
(21) EP02792834.0
(47) 31.10.2018
(87) EP2002013500
05.06.2003
(22) 29.11.2002
(54) THERMOPLASTIC COMPOSITIONS WITH ENHANCED MECHANICAL PROPERTIES
(73) Rhodia Opérations S.A.S.
(72) PEDUTO, Nicolangelo
SPERONI, Franco
ZHANG, Haichun
BRADLEY, Gérard
(31) 0115515
(32) 30.11.2001
(33) France

(51) C08L 1/02
C08J 3/075
C08J 3/12
(11) EP3058023
(21) EP14835469.9
(47) 31.10.2018
(87) AT2014000203
23.04.2015
(22) 14.11.2014
(54) CELLULOSE SUSPENSION, METHOD FOR THE PRODUCTION AND USE THEREOF
(73) Lenzing AG
(72) MÄNNER, Johann
OPIETNIK, Martina
INNERLOHINGER, Josef
REITER, Gerhard
HAGER, Markus

(51) C08L 33/10
C08F 220/10
B29C 65/00
C08F 220/14
(11) EP3192832
(21) EP15840915.1
(47) 31.10.2018
(87) JP2015074863
17.03.2016
(22) 01.09.2015
(54) METHACRYLIC RESIN COMPOSITION FOR USE IN HOT-PLATE NON-CONTACT MELT-BONDING, MOLDED ARTICLE, AND METHOD FOR MANUFACTURING SAID MOLDED ARTICLE
(73) ASAHI KASEI KABUSHIKI KAISHA
(72) WATANABE, Masahiro
TSUJIMOTO, Katsura
KOZAWA, Kazunori
(31) 2014185492
(32) 11.09.2014
(33) Japan

(51) C08L 63/00
C08J 5/24
C08K 7/02
C08G 83/00
(11) EP3112420
(21) EP15755285.2
(47) 31.10.2018
(87) JP2015054255
03.09.2015
(22) 17.02.2015
(54) EPOXY RESIN COMPOSITION, RESIN CURED PRODUCT, FIBRE-REINFORCED COMPOSITE MATERIAL, AND PREPREG
(73) Toray Industries, Inc.
(72) NOMURA, Keiichiro
MORIOKA, Nobuhiro
SANO, Kentaro
HIRANO, Noriyuki
KOBAYASHI, Sadayuki
(31) 2014033702
2014209704
(32) 25.02.2014
14.10.2014
(33) Japan
Japan

(51) C08L 69/00
C08L 67/02
C08K 5/5333
C08K 5/5399
C08K 5/5397
C08L 83/10
C08L 85/02
(11) EP3209728
(21) EP15778047.9
(47) 31.10.2018
(87) IB2015057387
28.04.2016
(22) 25.09.2015
(54) POLYCARBONATE/POLYESTER COMPOSITION AND ARTICLE PREPARED THEREFROM
(73) SABIC Global Technologies B.V.

(72) CHEN, Lin
SHI, Hongtao
WAN, Shun
SHEN, Dake
(31) 201462067044 P
(32) 22.10.2014
(33) United States of America

(51) C08L 69/00
C08L 83/10
C08L 67/03
C08K 3/40
C08K 7/14
(11) EP2850133
(21) EP12876644.1
(47) 31.10.2018
(87) CN2012075575
21.11.2013
(22) 16.05.2012
(54) POLYCARBONATE COMPOSITION
(73) SABIC Global Technologies B.V.
(72) YANG, Jian
VAN ZYL, Andries J.P.
VAN DE GRAMPEL, Robert Dirk
CHOI, Jong-Min

(51) C08L 81/02
C08K 3/40
C08K 7/14
C08L 63/02
C08L 63/04
C08L 81/04
(11) EP2829577
(21) EP13764839.0
(47) 31.10.2018
(87) JP2013058308
26.09.2013
(22) 22.03.2013
(54) POLYARYLENE SULFIDE RESIN COMPOSITION AND MOLDED BODY
(73) DIC Corporation
(72) UCHIGATA Masanori
OKADA Takayuki
SHIMAYA Taku
(31) 2012067271
(32) 23.03.2012
(33) Japan

(51) C08L 97/02
B32B 5/16
C09D 101/02
(11) EP3105292
(21) EP15749425.3
(47) 31.10.2018
(87) US2015014990
20.08.2015
(22) 09.02.2015
(54) LIQUEFIED WOOD COATING
(73) Advanced Wood Paint LLC
(72) BOEST, Christopher R.
(31) 201461939051 P
201514601932
(32) 12.02.2014
21.01.2015
(33) United States of America
United States of America

(51) C09B 29/01
C09B 29/08
C11D 3/40
C11D 3/42
(11) EP2828339
(21) EP13714456.4
(47) 31.10.2018
(87) US2013032967
26.09.2013
(22) 19.03.2013
(54) CARBOXYLATE DYES
(73) Milliken & Company
(72) MIRACLE, Gregory S.
TORRES, Eduardo
(31) 201261612539 P
(32) 19.03.2012
(33) United States of America

(51) C09B 67/44
B41J 2/01
B41M 5/00
B41M 5/50
B41M 5/52
C09B 11/28
C09B 67/20
C09D 11/328
D06P 1/00
D06P 3/04
D06P 5/00
C09B 11/24
D06P 3/24
B41J 2/21
B41J 3/407
C09D 11/54
D06P 1/40
(11) EP3225663
(21) EP15863010.3
(47) 31.10.2018
(87) JP2015082592
02.06.2016
(22) 19.11.2015
(54) COLORING COMPOSITION FOR DYEING, COLORING COMPOSITION FOR PRINTING, PRINTING METHOD, INKJET PRINTING INK, AND DYED FABRIC
(73) Fujifilm Corporation
(72) YAGI Kazunari
TATEISHI Keiichi
IIZUMI Takashi
HAKAMATA Akihiro
FUJIE Yoshihiko
(31) 2014237961
2015171439
(32) 25.11.2014
31.08.2015
(33) Japan
Japan

(51) C09B 67/54
C09B 29/048
C09B 29/033
C09B 29/12
(11) EP3190158
(21) EP15837502.2
(47) 31.10.2018
(87) JP2015066397
10.03.2016
(22) 05.06.2015
(54) AZO DYE COMPOSITION AND METHOD FOR PRODUCING SAME
(73) FUJI-FILM Corporation
(72) MASAKI, Tomohito
MIYADAI, Junichi
(31) 2014178029
(32) 02.09.2014
(33) Japan

(51) C09C 1/02
C08K 9/04
D21H 17/67
D21H 17/69
D21H 19/38
D21H 19/42
C05D 3/00
C04B 14/28
C04B 20/02
C04B 20/10
C04B 103/65
C04B 111/27
(11) EP2966129
(21) EP14176785.5
(47) 31.10.2018
(22) 11.07.2014
(54) DRYING PROCESS
(73) Omya International AG
(72) Buri, Matthias
Ridgway, Catherine Jean
Gane, Patrick A.C.
Rentsch, Samuel
Burkhalter, René

(51) C09C 1/02
C09C 3/04
D21H 17/00
(11) EP2465903
(21) EP10195360.2
(47) 31.10.2018
(22) 16.12.2010
(54) Use of a calcium carbonate composition in a paper, textile or cardboard application
(73) Omya International AG
(72) Gane, Patrick Arthur Charles
Saunders, George
Qiu, Xueping
Varney, Dan
Bergset, Olav

(51) C09C 1/40
C09D 5/32
C08K 9/02
A61K 8/02
A61K 8/26
A61K 8/29
A61Q 1/02
C09C 1/00
C09D 11/037
C09D 17/00
C09D 5/36
C09D 5/28
C09D 7/40
(11) EP3119840
(21) EP15711424.0
(47) 31.10.2018
(87) EP2015000536
24.09.2015
(22) 11.03.2015
(54) EFFECT PIGMENTS
(73) Merck Patent GmbH
(72) DIETZ, Johann
FOERDERER, Cornelia
HAFERKORN, Nicole
PFAFF, Gerhard
MCFARLANE, Doreen
(31) 102014003975
(32) 20.03.2014

(33) Germany

(51) C09C 3/08
C09C 3/12
C08K 9/04
C08K 9/06
(11) EP2265676
(21) EP09731546.9
(47) 31.10.2018
(87) EP2009002854
22.10.2009
(22) 20.04.2009
(54) INORGANIC NANOPARTICLES AND POLYMER COMPOSITE PRODUCED THEREFROM
(73) Evonik Degussa GmbH
(72) LANGERBEINS, Klaus
KÜHNER, Uwe, Dietrich
SIOL, Werner
(31) 08007582
(32) 18.04.2008
(33) European Patent Office (EPO)

(51) C09D 5/00
(11) EP2644667
(21) EP11843964.5
(47) 31.10.2018
(87) JP2011076857
31.05.2012
(22) 22.11.2011
(54) ANTIFOULING PAINT COMPOSITION AND ANTIFOULING PAINT
(73) Mitsubishi Chemical Corporation
(72) IWAMOTO, Akio
KAWAI, Eri
(31) 2010262941
(32) 25.11.2010
(33) Japan

(51) C09D 5/00
(11) EP3144354
(21) EP16187511.7
(47) 31.10.2018
(22) 06.09.2016
(54) PIGMENTED PAINT FORMULATION WITH A PHOSPHORUS ACID FUNCTIONALIZED LATEX BINDER AND AN ASSOCIATIVE THICKENER
(73) ROHM AND HAAS COMPANY
(72) BOHLING, James C.
BROWNELL, Arnold S
GUO, Jihui
HENDERSON, Kevin J.
KILLIAN, Ericka Lynn
RABASCO, John J.
SAUCY, Daniel A.
STRACKE, Jordan
(31) 201562219892 P
(32) 17.09.2015
(33) United States of America

(51) C09D 5/08
C08G 18/08
C08G 59/42
C09D 163/00
C09D 175/04
B05D 7/16
B05D 7/00
(11) EP2714818
(21) EP12724028.1
(47) 31.10.2018
(87) US2012038109
29.11.2012
(22) 16.05.2012
(54) COATING SYSTEM COMPRISING HIGH ACID RESIN
(73) The Sherwin-Williams Company
(72) WAYTON, Brian J.
(31) 201161489307 P
(32) 24.05.2011
(33) United States of America

(51) C09D 5/16
C09D 143/00
C08K 5/09
(11) EP1724310
(21) EP06017540.3
(47) 31.10.2018
(22) 06.03.2003
(54) Antifouling coating composition, coating film therefrom, underwater material covered with the coating film and antifouling method
(73) CHUGOKU MARINE PAINTS, LTD.
(72) Oya, Masaaki
Nakamura, Naoya
Tsuboi, Makoto
(31) 2002060696
(32) 06.03.2002
(33) Japan

(51) C09D 7/00
(11) EP2665784
(21) EP12700131.1
(47) 31.10.2018
(87) EP2012050410
26.07.2012
(22) 12.01.2012
(54) USE OF POLYHYDROXYALKANOATES AS ADDITIVES IN COATING COMPOSITIONS
(73) BYK Netherlands B.V.
(72) HANS, Marc
JAUNKY, Wojciech
FRANK, Albert
LENZ, Petra
LUTTIKHEDDE, Hendrik
(31) 11151181
(32) 17.01.2011
(33) European Patent Office (EPO)

(51) C09D 11/00
B41J 2/01
B41M 5/00
C09D 11/101
C09D 11/326
(11) EP2821447
(21) EP13747220.5
(47) 31.10.2018
(87) JP2013052631
15.08.2013
(22) 05.02.2013
(54) PIGMENT DISPERSION LIQUID FOR INKJET INKS, ACTIVE ENERGY BEAM-CURABLE INKJET INK, AND PRINT
(73) DNP FINE CHEMICALS CO., LTD.
(72) ISHIMA, Yukiko
YOSHIMORI, Keishiro
SUGITA, Yukio
(31) 2012023438
2012023439
(32) 06.02.2012
06.02.2012
(33) Japan
Japan

(51) C09D 11/106
C09D 11/322
C09D 11/36
C09D 11/38
(11) EP3199598
(21) EP17153179.1
(47) 31.10.2018
(22) 26.01.2017
(54) NON-AQUEOUS INK JET COMPOSITION
(73) Seiko Epson Corporation
(72) KUBOTA, Kenichiro
KOIKE, Naoki
ITO, Jun
HATTORI, Shugo
(31) 2016013520
(32) 27.01.2016
(33) Japan

(51) C09D 11/322
C09D 11/326
(11) EP2703456
(21) EP13176356.7
(47) 31.10.2018
(22) 12.07.2013
(54) Yellow ink composition for inkjet recording, and inkjet recording method and inkjet recorded material
(73) Ricoh Company, Ltd.
(72) Matsuyama, Akihiko
(31) 2012188322
(32) 29.08.2012
(33) Japan

(51) C09D 11/52
H01B 1/20
C09D 179/02
C08L 25/18
C08L 33/16
G03F 7/09
G03C 1/89
H01B 1/12
(11) EP3050932
(21) EP15003691.1
(47) 31.10.2018
(22) 29.12.2015
(54) CONDUCTIVE POLYMER COMPOSITION, COATED ARTICLE, PATTERNING PROCESS, AND SUBSTRATE
(73) Shin-Etsu Chemical Co., Ltd.
(72) NAGASAWA, Takayuki
HATAKEYAMA, Jun
(31) 2015017233
2015169308
(32) 30.01.2015
28.08.2015
(33) Japan
Japan

(51) C09D 171/02
C08F 120/18
C08G 81/02
C08L 71/02
C08F 120/24
C08F 220/60
C09D 5/16
C08F 8/32
C09D 133/14
C09D 133/16
C09D 133/26

C08F 120/22
C08F 8/40
(11) EP3191559
(21) EP14771777.1
(47) 31.10.2018
(87) EP2014002453
17.03.2016
(22) 11.09.2014
(54) FUNCTIONAL POLYMER
(73) SuSoS AG
(72) SERRANO, Angela
ZUERCHER, Stefan
TOSATTI, Samuele

(51) C09D 201/00
C09D 5/03
C08K 5/06
C08K 9/12
C09D 7/63
(11) EP2480613
(21) EP10773232.3
(47) 31.10.2018
(87) DE2010001107
31.03.2011
(22) 22.09.2010
(54) COMPOSITIONS CONTAINING DIALKYLETHERS, THUS PRODUCED COATINGS AND USE OF DIALKYLETHERS
(73) SASOL Germany GmbH
(72) HERZOG, Oliver
SCHONS-LÜDER, Karin
(31) 102009042447
(32) 23.09.2009
(33) Germany

(51) C09J 5/06
B29C 65/36
B29C 65/48
B29C 65/14
(11) EP2922927
(21) EP13789385.5
(47) 31.10.2018
(87) GB2013052918
30.05.2014
(22) 07.11.2013
(54) COMPONENT BONDING METHOD USING IN-SITU GENERATED UV RADIATIONS & STRUCTURE
(73) Airbus Operations Limited
(72) MASON, Stephen J.
(31) 201220929
(32) 21.11.2012
(33) United Kingdom

(51) C09J 5/06
C09J 151/06
(11) EP2917296
(21) EP13788751.9
(47) 31.10.2018
(87) EP2013073257
15.05.2014
(22) 07.11.2013
(54) REACTIVE POLYOLEFIN HOT MELT ADHESIVE WITH LOW ADHESION TO NON-COATED ALUMINIUM TOOLS AND ITS USE AS LAMINATE HOTMELT
(73) Sika Technology AG
(72) JANKE, Doreen
PASCHKOWSKI, Kai
(31) 12192207
(32) 12.11.2012
(33) European Patent Office (EPO)

(51) C09J 11/04
C08G 77/14
B27N 3/00
B29D 7/01
C08G 18/00
C09J 5/06
C09J 11/06
C09J 11/08
C09J 161/28
C09J 175/04
C08L 97/00
C08G 77/26
C09J 183/10
B27N 3/04
B29C 43/00
B29C 43/22
C08K 3/36
C09J 5/00
C08K 5/544
C08K 9/06
(11) EP3020524
(21) EP14193012.3
(47) 31.10.2018
(22) 13.11.2014
(54) Method for producing wood composite panels, in particular OSB wood composite panels, and wooden panel which can be produced with this method
(73) SWISS KRONO Tec AG
(72) Gier, Andreas
Kalwa, Norbert
Müller, Dirk

(51) C09K 5/04
C08J 9/00
C09K 3/30
C08J 9/14
(11) EP2272936
(21) EP10175327.5
(47) 31.10.2018
(22) 18.04.2005
(54) Azeotrope-like compositions of difluoromethane and trifluoroiodomethane
(73) Honeywell International Inc.
(72) PHAM, Hang, T
SINGH, Rajiv R
WILSON, David P
(31) 826072
826811
826597
826727
826592
605630
(32) 16.04.2004
16.04.2004
16.04.2004
16.04.2004
16.04.2004
16.04.2004
(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) C09K 5/06
C09K 3/10
E21B 33/00
(11) EP2999763
(21) EP14726127.5
(47) 31.10.2018
(87) EP2014060289
27.11.2014
(22) 20.05.2014
(54) SEAL ELEMENT
(73) FMC Kongsberg Subsea AS
(72) AKULICHEV, Anton
THORKILDSEN, Brede
(31) 20130708
(32) 22.05.2013
(33) Norway

(51) C09K 8/528
C09K 8/68
C09K 8/72
C09K 8/94
C10G 33/04
(11) EP2861692
(21) EP13733964.4
(47) 31.10.2018
(87) EP2013062317
27.12.2013
(22) 14.06.2013
(54) PROCESS TO PRODUCE OIL OR GAS FROM A SUBTERRANEAN FORMATION USING A CHELATING AGENT
(73) Akzo Nobel Chemicals International B.V.
(72) DE WOLF, Cornelia, Adriana
NASR-EL-DIN, Hisham
DE OLIVEIRA BARRA, Estevao
BANG, Edwin, Rudolf, Antony
STANITZEK, Theodor, Johannes
(31) 201261661055 P
12175064
(32) 18.06.2012
05.07.2012
(33) United States of America
European Patent Office (EPO)

(51) C09K 8/584
C09K 8/594
(11) EP2718389
(21) EP12730092.9
(47) 31.10.2018
(87) US2012041579
13.12.2012
(22) 08.06.2012
(54) METHOD FOR ENHANCED OIL RECOVERY, USING MODIFIED NONIONIC SURFACTANT FORMULATIONS
(73) Dow Global Technologies LLC
(72) ABBAS, Sayeed
SANDERS, Aaron W.
(31) 201161495601 P
(32) 10.06.2011
(33) United States of America

(51) C09K 8/60
C09K 8/62
(11) EP2864442
(21) EP13735163.1
(47) 31.10.2018
(87) US2013047779
03.01.2014
(22) 26.06.2013
(54) METHODS OF IMPROVING HYDRAULIC FRACTURE NETWORK

(73) Baker Hughes, a GE company, LLC
(72) BRANNON, Harold Dean
STARKS, II, Thomas Ray
NELSON, Scott G.
BELL, Charles E.
ROYCE, Tom N.
GUPTA, D.V. Saytanarayana
LEMONS, Jimie D.
HUFF, Curtis D.
GOTTSCHLING, John C.
GONZALEZ, Angel F.
(31) 201261664595 P
(32) 26.06.2012
(33) United States of America

(51) C09K 8/66
C09K 8/68
C09K 8/90
(11) EP3046990
(21) EP14767017.8
(47) 31.10.2018
(87) EP2014069944
26.03.2015
(22) 18.09.2014
(54) WELL TREATMENT FLUID COMPRISING CARBOHYDRATE-BASED THICKENER, SALT AND PROPPANT IN BASE LIQUID, AND METHODS OF PREPARATION AND USE
(73) Montanuniversität Leoben
(72) HOFSTÄTTER, Herbert
(31) 201316610
(32) 18.09.2013
(33) United Kingdom

(51) C09K 11/02
C09K 11/88
H05B 33/14
H01L 33/50
C09K 11/08
G02F 1/1335
B82Y 20/00
B82Y 40/00
C09K 11/56
C09K 11/70
G02F 1/1368
H01L 27/32
(11) EP3135743
(21) EP16186285.9
(47) 31.10.2018
(22) 30.08.2016
(54) QUANTUM DOT, QUANTUM DOT FILM AND LED PACKAGE AND DISPLAY DEVICE INCLUDING THE SAME
(73) LG Display Co., Ltd.
(72) JANG, Kyung-Kook
KIM, Byung-Geol
KIM, Wy-Yong
KIM, Kyu-Nam
KIM, Hee-Yeol
WOO, Sung-Il
KIM, Do-Hyung
LEE, Tae-Yang
(31) 20150123213
(32) 31.08.2015
(33) Korea (Republic)

(51) C09K 11/66
C09K 11/77
C30B 29/12
H01L 51/42
B82B 1/00
(11) EP3307847
(21) EP17735052.7
(47) 31.10.2018
(87) EP2017065713
15.02.2018
(22) 26.06.2017
(54) LUMINESCENT CRYSTALS AND MANUFACTURING THEREOF
(73) Avantama AG
(72) LÜCHINGER, Norman Albert
OSZAJCA, Marek
KISSEL, Patrick
PROTESESCU, Loredana
KOVALENKO, Maksym
KRIEG, Franziska
(31) PCT/EP2016/183790
(32) 11.08.2016
(33) World Intellectual Property Office (WIPO)

(51) C09K 17/40
(11) EP3168281
(21) EP15002275.4
(47) 31.10.2018
(22) 31.07.2015
(54) STABILISING COMPOSITION FOR CLAY-LOAM SOILS
(73) Uniwersytet Wroclawski
(72) Slawomir, Szafert
Vogt, Andrzej
Strzelecki, Stanislaw
(31) 41330715
(32) 29.07.2015
(33) Poland

(51) C09K 19/42
C09K 19/12
C09K 19/20
C09K 19/30
C09K 19/34
G02F 1/13
C09K 19/06
C09K 19/04
(11) EP3228682
(21) EP17170841.5
(47) 31.10.2018
(22) 16.08.2012
(54) NEMATIC LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY DEVICE USING THE SAME
(73) DIC Corporation
(72) KAWAMURA, Jouji
(31) 2012159575
(32) 18.07.2012
(33) Japan

(51) C09K 21/10
B27K 3/52
B27K 3/08
C09K 21/04
(11) EP2714846
(21) EP12792523.8
(47) 31.10.2018
(87) FI2012000029
06.12.2012
(22) 29.05.2012
(54) FIRE RETARDANT COMPOSITION AND METHOD FOR TREATING WOOD
(73) FP Wood Oy
(72) SAARI, Kimmo
(31) 20115535
(32) 30.05.2011
(33) Finland

(51) C09K 21/14
C07F 7/18
C09D 5/18
(11) EP3078723
(21) EP15162900.3
(47) 31.10.2018
(22) 09.04.2015
(54) ADDUCTS FROM ISOCYANATE OALKYLTRI METHOXYSILANES AND FLAME RETARDANTS THAT REACT WITH THEM
(73) Evonik Degussa GmbH
(72) Stache, Wiebke, Dr.
Raukamp, Andre
Hallack, Markus
Lilienthal, Annegret
Ballauf, Sina

(51) C10B 47/30
C10B 47/44
C10B 53/00
(11) EP2440633
(21) EP10786628.7
(47) 31.10.2018
(87) US2010037603
16.12.2010
(22) 07.06.2010
(54) METHOD FOR PYROLYSIS
(73) Tucker, Richard D.
(72) Tucker, Richard D.
(31) 268033 P
(32) 08.06.2009
(33) United States of America

(51) C10G 7/12
C10G 2/00
C10G 7/00
(11) EP2351818
(21) EP09817432.9
(47) 31.10.2018
(87) JP2009004872
08.04.2010
(22) 25.09.2009
(54) START-UP METHOD OF A FRACTIONATOR
(73) INPEX Corporation
Japan Petroleum Exploration Co., Ltd.
JXTG Nippon Oil & Energy Corporation
Japan Oil, Gas and Metals National Corporation
Cosmo Oil Co., Ltd.
Nippon Steel & Sumikin Engineering Co., Ltd.
(72) TANAKA, Yuichi
HONDA, Hidekatsu
(31) 2008254221
(32) 30.09.2008
(33) Japan

(51) C10G 11/18
(11) EP2894213
(21) EP14307120.7
(47) 31.10.2018
(22) 22.12.2014
(54) CATALYTIC CRACKING METHOD FOR IMPROVED USE OF THE CALORIES FROM COMBUSTION FUMES
(73) IFP Energies nouvelles
(72) Feugnet, Frederic

Besnault, Jean-Michel
Briot, Patrick
(31) 1450194
(32) 10.01.2014
(33) France

(51) C10G 45/08
B01J 21/08
B01J 23/882
B01J 35/10
(11) EP1994123
(21) EP07716615.5
(47) 31.10.2018
(87) US2007001002
26.07.2007
(22) 12.01.2007
(54) SELECTIVE CATALYSTS HAVING SILICA SUPPORTS FOR NAPHTHA HYDRODESULFURIZATION
(73) ExxonMobil Research and Engineering Company
(72) WU, Jason
BAI, Chuansheng
HALBERT, Thomas, Risher
SOLED, Stuart, L.
MISEO, Sabato
MCCONNACHIE, Jonathan, Martin
SOKOLOVSKII, Valery
LOWE, David, Michael
VOLPE, Anthony, F.
HAN, Jun
(31) 759433 P
(32) 17.01.2006
(33) United States of America

(51) C10G 70/06
C10G 70/04
C10G 7/02
F25J 3/00
(11) EP3240875
(21) EP15817418.5
(47) 31.10.2018
(87) EP2015081371
07.07.2016
(22) 29.12.2015
(54) METHOD FOR IMPROVING PROPYLENE RECOVERY FROM FLUID CATALYTIC CRACKER UNIT
(73) Technip France
(72) TARAPHDAR, Tanmay
BABU, N. Sharath
(31) 14307211
(32) 30.12.2014
(33) European Patent Office (EPO)

(51) C10G 75/02
G01N 17/02
G05B 23/02
(11) EP2877924
(21) EP13823686.4
(47) 31.10.2018
(87) US2013051932
30.01.2014
(22) 25.07.2013
(54) DESIGN DEVELOPMENT AND IMPLEMENTATION OF ANALYZER BASED CONTROL SYSTEM AND ALGORITHM
(73) Nalco Company
(72) WANG, Jin
HILTON, Nigel P.
FERGUSON, Sam
SCATTERGOOD, Glenn L
(31) 201213557761
(32) 25.07.2012
(33) United States of America

(51) C10J 3/50
C10J 1/20
F23C 9/00
F23D 1/00
C10J 3/48
(11) EP2566939
(21) EP11777641.9
(47) 31.10.2018
(87) SE2011000079
10.11.2011
(22) 05.05.2011
(54) METHOD AND DEVICE FOR CARBON INJECTION AND RECIRCULATION OF SYNTHESIS GAS WHEN PRODUCING SYNTHESIS GAS
(73) Cortus AB
(72) LJUNGGREN, Rolf
(31) 1000461
(32) 06.05.2010
(33) Sweden

(51) C10J 3/58
C10B 57/14
C10J 3/64
C10B 57/00
C10J 3/62
C10J 3/20
B01J 21/18
B01J 23/745
C10J 3/32
C10J 3/38
C10J 3/72
B01J 23/755
C10K 3/00
C10K 3/02
C10K 3/04
C10B 47/06
(11) EP2598616
(21) EP11811636.7
(47) 31.10.2018
(87) AU2011000936
02.02.2012
(22) 26.07.2011
(54) A METHOD OF GASIFYING CARBONACEOUS MATERIAL AND A GASIFICATION SYSTEM
(73) CURTIN UNIVERSITY OF TECHNOLOGY
(72) LI, Chun-Zhu
WU, Hongwei
ASADULLAH, Mohammad
WANG, Xiaoshan
(31) 2010905356
2010903348
(32) 06.12.2010
27.07.2010
(33) Australia
Australia

(51) C10J 3/60
C10J 3/72
C10J 3/82
(11) EP3026098
(21) EP14829656.9
(47) 31.10.2018
(87) CN2014000705
29.01.2015
(22) 25.07.2014
(54) METHOD FOR PREPARING HYDROGEN-RICH GAS BY GASIFICATION OF SOLID ORGANIC SUBSTANCE AND STEAM
(73) Eco Environmental Energy Research Institute Limite
Dalian University of Technology
(72) XU, Shaoping
XIAO, Yahui
WANG, Chao
WANG, Guangyong
YALKUNJAN, Tursun
SIU, Kam Shing
XU, Bin
CHOW, Connie Hiu Ying
(31) 201310316605
(32) 25.07.2013
(33) China

(51) C10J 3/72
C10K 1/02
C10J 3/84
(11) EP2694624
(21) EP12715788.1
(47) 31.10.2018
(87) US2012032168
07.03.2013
(22) 04.04.2012
(54) METHOD OF OPERATION OF PROCESS TO PRODUCE SYNGAS FROM CARBONACEOUS MATERIAL
(73) Ineos Bio SA
(72) KO, Ching-Whan
SLAPE, Michael Sean
BELL, Peter S
OCFEMIA, Kim
(31) 201161516704 P
201161516667 P
201161516646 P
201213427247
(32) 06.04.2011
06.04.2011
06.04.2011
22.03.2012
(33) United States of America
United States of America
United States of America
United States of America

(51) C10L 1/02
C10L 1/19
C11C 3/00
C11C 3/10
(11) EP2421940
(21) EP10723711.7
(47) 31.10.2018
(87) FR2010050759
28.10.2010
(22) 20.04.2010
(54) BIOFUEL CONSISTING OF A MIXTURE OF NATURALLY OCCURRING FATTY ACID ESTERS AND METHOD FOR PRODUCING SAID BIOFUEL
(73) Arkema France
(72) DUBOIS, Jean-Luc
(31) 0952698
(32) 24.04.2009

(33) France

(51) C10L 3/08
(11) EP3265544
(21) EP16707530.8
(47) 31.10.2018
(87) GB2016050478
09.09.2016
(22) 25.02.2016
(54) PROCESS FOR PRODUCING A SUBSTITUTE NATURAL GAS
(73) Johnson Matthey Davy Technologies Limited
(72) JANARDHANAN, Madhanakrishnan
KHAMBATI, Riyaz Ezzuddin
(31) 201503606
(32) 03.03.2015
(33) United Kingdom

(51) C10M 105/42
C10M 107/32
C10M 177/00
(11) EP2794824
(21) EP12809427.3
(47) 31.10.2018
(87) US2012068293
27.06.2013
(22) 06.12.2012
(54) PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS
(73) Biosynthetic Technologies, LLC
(72) THOMPSON, Travis
PARSON, Kelly
BREDSGUARD, Jakob
FOREST, Jeremy
(31) 201161577598 P
201261610376 P
(32) 19.12.2011
13.03.2012
(33) United States of America
United States of America

(51) C10M 107/24
C10M 107/34
C10M 171/00
C10N 20/02
C10N 20/04
C10N 30/00
C10N 30/02
C10N 40/30
(11) EP2119760
(21) EP08721266.8
(47) 31.10.2018
(87) JP2008053846
12.09.2008
(22) 04.03.2008
(54) COMPOSITION FOR LUBRICATING A COMPRESSION TYPE REFRIGERATING
(73) Idemitsu Kosan Co., Ltd.
(72) NAGAO, Satoshi
TERADA, Izumi
KANEKO, Masato
SHIMIZU, Nobuaki
(31) 2007059265
(32) 08.03.2007
(33) Japan

(51) C10M 111/02
(11) EP2864456
(21) EP13729949.1
(47) 31.10.2018
(87) EP2013062668
27.12.2013
(22) 18.06.2013
(54) LUBRICATING OIL COMPOSITIONS COMPRISING HEAVY FISCHER-TROPSCH DERIVED BASE OILS AND ALKYLATED AROMATIC BASE OIL
(73) Shell Internationale Research Maatschappij B.V.
(72) WEDLOCK, David John
(31) 12172973
(32) 21.06.2012
(33) European Patent Office (EPO)

(51) C10M 139/00
C10M 159/12
(11) EP2914573
(21) EP13851039.1
(47) 31.10.2018
(87) US2013052287
08.05.2014
(22) 26.07.2013
(54) FRICTION MODIFIERS AND A METHOD OF MAKING THE SAME
(73) Chevron Oronite Company LLC
(72) SUEN, Yat Fan
BARBAROW, Jennifer Elizabeth
(31) 201213663734
(32) 30.10.2012
(33) United States of America

(51) C10M 141/06
C10M 169/04
C10M 163/00
C10N 10/04
C10N 30/04
C10N 30/06
C10N 40/25
(11) EP3153568
(21) EP16188877.1
(47) 31.10.2018
(22) 15.09.2016
(54) ADDITIVE CONCENTRATES FOR THE FORMULATION OF LUBRICATING OIL COMPOSITIONS
(73) Infineum International Limited
(72) Clarke, Dean B.
Oberoi, Sonia
Emert, Jacob
Young, Anne Wai-Yu
(31) 201514874688
(32) 05.10.2015
(33) United States of America

(51) C10M 145/14
C08F 20/18
C10M 149/04
C10N 20/04
C10N 30/02
C10N 30/08
C10N 70/00
(11) EP2688993
(21) EP12711107.8
(47) 31.10.2018
(87) US2012030415
04.10.2012
(22) 23.03.2012
(54) LUBRICANT COMPOSITION HAVING IMPROVED NON-NEWTONIAN VISCOMETRICS
(73) BASF SE
(72) SCANLON, Eugene
DESANTIS, Kevin
BETTE, Virginie
PETZOLDT, Jochen
(31) 201161467726 P
(32) 25.03.2011
(33) United States of America

(51) C10M 147/04
C08J 3/02
C08J 3/09
C10M 107/38
(11) EP3230419
(21) EP15820450.3
(47) 31.10.2018
(87) EP2015079092
16.06.2016
(22) 09.12.2015
(54) PROCESS FOR THE PRODUCTION OF OIL-MODIFIED PTFE SOLID LUBRICANTS
(73) Leibniz-Institut für Polymerforschung Dresden e.V.
(72) LEHMANN, Dieter
HOFFMANN, Thorsten
(31) 102014225670
(32) 12.12.2014
(33) Germany

(51) C10M 171/00
(11) EP1820841
(21) EP06125006.4
(47) 31.10.2018
(22) 29.11.2006
(54) USE FOR REDUCING INTAKE VALVE DEPOSITS
(73) Infineum International Limited
(72) Locke, Christopher J.,c/o Infineum UK Ltd
Keeney, Angela J.Dr.,c/o Infineum UK Ltd
(31) 06101638
(32) 14.02.2006
(33) European Patent Office (EPO)

(51) C10M 171/06
C10N 10/06
C10N 10/08
C10N 10/12
C10N 30/02
C10N 30/06
C10N 40/04
C10N 40/25
(11) EP2714814
(21) EP12793362.0
(47) 31.10.2018
(87) US2012039593
06.12.2012
(22) 25.05.2012
(54) SURFACE CONDITIONING NANOLUBRICANT
(73) Howard University
(72) MOSLEH, Mohsen
(31) 201161490986 P
(32) 27.05.2011
(33) United States of America

(51) C11B 3/10
C11C 3/00
C10L 1/02
(11) EP2399976
(21) EP10743527.3
(47) 31.10.2018
(87) JP2010000824

26.08.2010
(22) 10.02.2010
(54) METHOD FOR PRODUCING FATTY ACID ALKYL ESTER
(73) Kao Corporation
(72) ABE, Hiroshi
ISHIKURA, Yasuhiro
HONMA, Rika
(31) 2009033571
(32) 17.02.2009
(33) Japan

(51) C11B 9/00
C07C 67/54
C07C 69/716
(11) EP2985338
(21) EP14775996.3
(47) 31.10.2018
(87) JP2014057183
02.10.2014
(22) 17.03.2014
(54) FRAGRANCE COMPOSITION AND METHOD FOR PRODUCING SAME
(73) Zeon Corporation
(72) NAKANO Keita
(31) 2013075382
(32) 29.03.2013
(33) Japan

(51) C11B 9/00
C11D 3/50
C11D 3/37
A61K 8/88
A61Q 13/00
(11) EP3259339
(21) EP16704587.1
(47) 31.10.2018
(87) EP2016052875
25.08.2016
(22) 11.02.2016
(54) POLY(ASPARTIC ACID) DERIVED COPOLYMERS FOR A CONTROLLED RELEASE OF PERFUMING INGREDIENTS
(73) Firmenich SA
(72) BERTHIER, Damien
BENCZEDI, Daniel
HERRMANN, Andreas
(31) 15155340
(32) 17.02.2015
(33) European Patent Office (EPO)

(51) C11D 1/37
C11D 1/83
C11D 3/386
(11) EP3294852
(21) EP16707117.4
(47) 31.10.2018
(87) EP2016054286
17.11.2016
(22) 01.03.2016
(54) LAUNDRY DETERGENT COMPOSITION
(73) Unilever NV
(72) BATCHELOR, Stephen, Norman
BIRD, Jayne, Michelle
(31) 15166884
(32) 08.05.2015
(33) European Patent Office (EPO)

(51) C11D 1/66
C11D 3/20
C11D 1/75
(11) EP3118298
(21) EP15176525.2
(47) 31.10.2018
(22) 13.07.2015
(54) HARD SURFACE CLEANERS COMPRISING A SOLVENT
(73) The Procter & Gamble Company
(72) DKIDAK, Aicha
GONZALES, Denis Alfred
HERMIE, Marina Jozefa
TINLIN, Robert James

(51) C11D 1/94
C11D 11/00
(11) EP3146032
(21) EP14733012.0
(47) 31.10.2018
(87) US2014038911
26.11.2015
(22) 21.05.2014
(54) AQUEOUS LIQUID DISHWASHING COMPOSITION
(73) Colgate-Palmolive Company
(72) ZUNIGA, Arturo
PENA, Henry
ESPINOSA, Reina
FLECKENSTEIN, Melissa
MODH, Ram
BENTOSA, Claudia
JAKUBICKI, Gary

(51) C11D 3/20
C11D 3/33
C11D 3/34
C11D 3/37
C11D 3/40
C11D 7/26
C11D 7/32
C11D 17/00
C11D 17/04
(11) EP3253857
(21) EP16702527.9
(47) 31.10.2018
(87) EP2016052020
11.08.2016
(22) 01.02.2016
(54) AQUEOUS FORMULATIONS, THEIR MANUFACTURE AND USE
(73) BASF SE
(72) REINOSO GARCIA, Marta
HARTMANN, Markus
POTTHOFF-KARL, Birgit
(31) 15153658
(32) 03.02.2015
(33) European Patent Office (EPO)

(51) C11D 3/22
B09C 1/08
C11D 11/00
(11) EP2470633
(21) EP10811348.1
(47) 31.10.2018
(87) IB2010053654
03.03.2011
(22) 12.08.2010
(54) METHOD OF REMOVING/PREVENTING REDEPOSITION OF PROTEIN SOILS
(73) Ecolab Inc.
(72) SILVERNAIL, Carter
OLSON, Erik
HAMMEL, Devon B.
(31) 547698
(32) 26.08.2009
(33) United States of America

(51) C11D 3/30
C11D 3/43
(11) EP2850167
(21) EP13790848.9
(47) 31.10.2018
(87) US2013029921
21.11.2013
(22) 08.03.2013
(54) LABEL REMOVAL SOLUTION FOR RETURNABLE BEVERAGE BOTTLES
(73) Ecolab USA Inc.
(72) HUNT, Clinton, Jr.
KRACK, Ralf
NGUYEN, Duc
EVERSON, Terrence P.
(31) 201261646440 P
(32) 14.05.2012
(33) United States of America

(51) C11D 3/37
D06L 4/12
(11) EP2992075
(21) EP14718618.3
(47) 31.10.2018
(87) EP2014058131
06.11.2014
(22) 22.04.2014
(54) COMB POLYMERS AS DETERGENCY BOOSTERS IN DETERGENT COMPOSITIONS
(73) CHT R. BEITLICH GmbH
(72) HORRER, Bernd
WITZEL-WILHELM, Heike
FISCHER-STURM, Andrea
HEES, Michael
(31) 102013207778
(32) 29.04.2013
(33) Germany

(51) C11D 3/386
C11D 3/39
(11) EP2966161
(21) EP14176133.8
(47) 31.10.2018
(22) 08.07.2014
(54) Enzyme-bleach catalyst cogranulate suitable for detergent compositions
(73) Dalli-Werke GmbH & Co. KG
(72) Müller, Stefan
Bielen, Torsten
Tillmann, Katja

(51) C11D 3/42
C11D 3/50
(11) EP3045518
(21) EP15198709.6
(47) 31.10.2018
(22) 09.12.2015
(54) LIQUID DETERGENT COMPOSITION
(73) Henkel AG & Co. KGaA
(72) EISSA, Hesham
ELGHANDOUR, Nahla
(31) 102015200351
(32) 13.01.2015
(33) Germany

(51) C11D 11/00
C11D 3/36

C11D 3/20
C11D 7/26
C11D 7/36
(11) EP3189127
(21) EP15756917.9
(47) 31.10.2018
(87) EP2015069904
10.03.2016
(22) 01.09.2015
(54) WASHING ADDITIVE
(73) Sopura S.A.
(72) BOUGARD, François
STACHURA, Pierre
LOGHMANIAN, Armelle
LONCIN, Hélène
(31) 201400659
(32) 01.09.2014
(33) Belgium

(51) C11D 17/04
C11D 3/33
(11) EP3207114
(21) EP15775705.5
(47) 31.10.2018
(87) EP2015073149
21.04.2016
(22) 07.10.2015
(54) CONTAINER COMPRISING A DETERGENT COMPOSITION CONTAINING MGDA
(73) BASF SE
(72) REINOSO GARCIA, Marta
SCHMIDT, Thomas
(31) 14189418
(32) 17.10.2014
(33) European Patent Office (EPO)

(51) C12C 5/02
C12G 3/06
(11) EP2414501
(21) EP10711889.5
(47) 31.10.2018
(87) EP2010054174
07.10.2010
(22) 30.03.2010
(54) MIXED DRINK
(73) Reiser, Robert
(72) Reiser, Robert
(31) 102009015591
(32) 30.03.2009
(33) Germany

(51) C12C 12/04
C12G 3/02
C12G 3/08
C12G 3/06
C12C 5/02
(11) EP2804942
(21) EP12813354.3
(47) 31.10.2018
(87) EP2012076572
25.07.2013
(22) 21.12.2012
(54) LOW ALCOHOL OR ALCOHOL FREE FERMENTED MALT BASED BEVERAGE AND METHOD FOR PRODUCING IT
(73) Anheuser-Busch InBev S.A.
(72) VANDERHAEGEN, Bart
(31) 12151245
(32) 16.01.2012
(33) European Patent Office (EPO)

(51) C12G 1/10
C12G 1/00
C12H 1/00
(11) EP2231847
(21) EP09701365.0
(47) 31.10.2018
(87) US2009030421
16.07.2009
(22) 08.01.2009
(54) METHOD AND COMPOSITIONS FOR PRESERVING WINE
(73) Rubin, David
Rubin, Ely
(72) Rubin, David
Rubin, Ely
(31) 19745
(32) 08.01.2008
(33) United States of America

(51) C12G 3/07
B27L 5/02
B27L 5/08
C12G 3/06
C12J 1/00
C12J 1/10
(11) EP2245134
(21) EP09702991.2
(47) 31.10.2018
(87) IB2009000040
23.07.2009
(22) 14.01.2009
(54) WOOD INFUSED LIQUID CONSUMABLES
(73) Stellenbosch University
(72) SWART, Jan, Philippus, Jakobus
RYPSTRA, Tiemen
THERON, Charl, Wynand
(31) 200800387
(32) 15.01.2008
(33) South Africa

(51) C12M 1/34
G02B 21/06
(11) EP2022844
(21) EP07743899.2
(47) 31.10.2018
(87) JP2007060465
29.11.2007
(22) 22.05.2007
(54) OBSERVING DEVICE
(73) Nikon Corporation
(72) KII, Hiroaki c/o NIKON CORPORATION
KIYOTA, Yasujiro c/o NIKON CORPORATION
(31) 2006141677
(32) 22.05.2006
(33) Japan

(51) C12M 3/00
C12N 5/078
C12M 1/00
C12N 5/0783
(11) EP3085767
(21) EP14871598.0
(47) 31.10.2018
(87) JP2014006252
25.06.2015
(22) 16.12.2014
(54) CULTURE CONTAINER AND METHOD FOR CULTURING LYMPHOCYTES
(73) Toyo Seikan Group Holdings, Ltd.
(72) TOTANI, Takahiko
TANAKA, Satoshi
AIHARA, Takeshi
ISHIZAKI, Yoichi
(31) 2013261181
2013267082
(32) 18.12.2013
25.12.2013
(33) Japan
Japan

(51) C12N 1/12
C12P 21/00
(11) EP3067414
(21) EP16168232.3
(47) 31.10.2018
(22) 27.03.2014
(54) MICROALGAL BIOMASS PROTEIN ENRICHMENT METHOD
(73) Corbion Biotech, Inc.
(72) MACQUART, Gabriel
DELAROCHE, Sylvain
LE RUYET, Marie
SEGUEILHA, Laurent
(31) 1352857
1358052
(32) 29.03.2013
19.08.2013
(33) France
France

(51) C12N 1/20
C08J 11/10
C12R 1/01
(11) EP3169769
(21) EP15738346.4
(47) 31.10.2018
(87) EP2015066208
21.01.2016
(22) 15.07.2015
(54) PROCESS FOR BACTERIALLY DEVULCANIZING SULPHUR-VULCANIZED RUBBER PARTICLES
(73) Tyre Recycling Solutions SA
(72) STAEDLER, Davide
SPINETTI, Thibaud
LOWE, Christian
(31) 80142014
(32) 16.07.2014
(33) Switzerland

(51) C12N 1/21
C12N 9/00
C12N 9/02
C12N 9/04
C12N 9/10
C12N 9/12
C12N 9/18
C12N 9/88
C12P 5/00
C12P 5/02
C12P 7/02
C12P 7/04
C12P 7/42
C12N 15/70
(11) EP2702140
(21) EP12720353.7
(47) 31.10.2018
(87) US2012035687
01.11.2012
(22) 27.04.2012

(54) RECOMBINANT MICROORGANISMS FOR ENHANCED PRODUCTION OF MEVALONATE, ISOPRENE, AND ISOPRENOIDS
(73) Danisco US Inc.
The Goodyear Tire & Rubber Company
(72) BECK, Zachary, Q.
MILLER, Michael, C.
PERES, Caroline, M.
PRIMAK, Yuliya, A.
PUCCI, Jeff, P.
WELLS, Derek, H.
(31) 201161481121 P
(32) 29.04.2011
(33) United States of America

(51) C12N 1/21
C12N 9/80
C12N 9/10
C12N 15/52
C12P 13/00
(11) EP3141598
(21) EP16180193.1
(47) 31.10.2018
(22) 19.07.2016
(54) MICROORGANISMS FOR PRODUCING PUTRESCINE OR ORNITHINE AND PROCESS FOR PRODUCING PUTRESCINE OR ORNITHINE USING THEM
(73) CJ Cheiljedang Corporation
(72) PARK, Su Jin
YANG, Young Lyeol
UM, Hye Won
LI, Hong Xian
LEE, Kyoung Min
LEE, Baek Seok
LEE, Hyo Hyoung
JUNG, Hee Kyoung
(31) 20150102624
(32) 20.07.2015
(33) Korea (Republic)

(51) C12N 5/00
C12N 5/02
A61L 27/00
(11) EP2314670
(21) EP10179799.1
(47) 31.10.2018
(22) 17.11.2006
(54) A method for creating pancreatic cell clusters
(73) Lifescan, Inc.
(72) Ghabrial, Ragae M.
(31) 738171 P
(32) 18.11.2005
(33) United States of America

(51) C12N 5/02
(11) EP3013941
(21) EP14817538.3
(47) 31.10.2018
(87) US2014044702
31.12.2014
(22) 27.06.2014
(54) IMPROVED SYSTEMS AND METHODS FOR PRODUCING STEM CELLS AND DIFFERENTIATED CELLS
(73) New York Stem Cell Foundation, Inc.
(72) NOGGLE, Scott
CHANG, Stephen
EGGAN, Kevin, C.
SOLOMON, Susan, L.
(31) 201361840271 P
(32) 27.06.2013
(33) United States of America

(51) C12N 5/071
C12N 5/02
(11) EP2582792
(21) EP11796584.8
(47) 31.10.2018
(87) US2011041103
22.12.2011
(22) 20.06.2011
(54) CARDIOMYOCYTE MEDIUM WITH DIALYZED SERUM
(73) FUJIFILM Cellular Dynamics, Inc.
(72) MEYER, Nathan
SWANSON, Brad
FIENE, Steve
(31) 356136 P
356916 P
(32) 18.06.2010
21.06.2010
(33) United States of America
United States of America

(51) C12N 5/0786
A61K 35/14
A61P 37/00
(11) EP2872621
(21) EP13739653.7
(47) 31.10.2018
(87) EP2013065015
23.01.2014
(22) 16.07.2013
(54) METHOD FOR THE GENERATION OF NON-TRANSFORMED MACROPHAGE CELL LINES
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
(72) FEJER, György
FREUDENBERG, Marina
GYÓRY, Ildikó
GALANOS, Chris
(31) 12176565
(32) 16.07.2012
(33) European Patent Office (EPO)

(51) C12N 5/0793
(11) EP2845899
(21) EP14179316.6
(47) 31.10.2018
(22) 31.07.2014
(54) METHOD FOR PREPARING DOPAMINERGIC NEURON-LIKE CELL CLUSTER
(73) Daegu Gyeongbuk Institute of Science and Technology
(72) Jeon, Won Bae
Lee, Kyeong Min
Jung, Gwon Soo
(31) 20130091966
(32) 02.08.2013
(33) Korea (Republic)

(51) C12N 5/10
C12N 5/0789
C12N 15/09
A61K 35/12
A61K 38/46
C07K 14/805
C12N 15/10
C12N 15/63
C07K 14/47
C12N 15/01
C12N 9/22
(11) EP2925864
(21) EP13858006.3
(47) 31.10.2018
(87) US2013072236
05.06.2014
(22) 27.11.2013
(54) TARGETING BCL11A DISTAL REGULATORY ELEMENTS FOR FETAL HEMOGLOBIN REINDUCTION
(73) The Children's Medical Center Corporation
(72) ORKIN, Stuart H.
BAUER, Daniel E.
XU, Jian
(31) 201261730323 P
201261730369 P
201361776144 P
201361889174 P
(32) 27.11.2012
27.11.2012
11.03.2013
10.10.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) C12N 9/10
C12P 19/04
(11) EP2870239
(21) EP13734062.6
(47) 31.10.2018
(87) EP2013064024
09.01.2014
(22) 03.07.2013
(54) GENETICALLY MODIFIED MICROORGANISMS CAPABLE OF PRODUCING BETA-GLUCANS AND METHODS FOR PRODUCING BETA-GLUCANS
(73) Wintershall Holding GmbH
BASF SE
(72) BROCKMANN, Beata
HEROLD, Andrea
ZELDER, Oskar
HAEFNER, Stefan
FLECK, Christian
SCHRÖDER, Hartwig
GRANSTRÖM, Mari
SCHMIDT, Julia, Kristiane
(31) 12174882
(32) 04.07.2012
(33) European Patent Office (EPO)

(51) C12N 9/50
C12N 15/62
C12N 15/70
C12P 21/06
(11) EP2935576
(21) EP13811532.4
(47) 31.10.2018
(87) EP2013077464
26.06.2014
(22) 19.12.2013
(54) METHOD FOR PRODUCING A RECOMBINANT PROTEIN OF INTEREST
(73) Sandoz AG

Boehringer Ingelheim RCV GmbH & Co KG
(72) REITMEIR, Maria
SCHNEIDER, Rainer
AUER, Bernhard
(31) 12198006
(32) 19.12.2012
(33) European Patent Office (EPO)

(51) C12N 9/54
(11) EP2524963
(21) EP11004152.2
(47) 31.10.2018
(22) 19.05.2011
(54) Methods for the manufacture of proteolytically processed polypeptides
(73) Ipsen Bioinnovation Limited
(72) Rummel, Andreas, Dr.

(51) C12N 15/09
A61K 39/395
A61P 35/00
C07K 16/18
C07K 16/46
C12N 1/15
C12N 1/19
C12N 1/21
C12N 5/10
C12P 21/08
C07K 16/22
(11) EP2881467
(21) EP13825402.4
(47) 31.10.2018
(87) JP2013070642
06.02.2014
(22) 30.07.2013
(54) MONOCLONAL ANTIBODY AGAINST HUMAN MIDKINE
(73) National University Corporation Nagoya University
Medical & Biological Laboratories Co., Ltd.
(72) KADOMATSU, Kenji
KISHIDA, Satoshi
ONO, Kenichiro
YAGI, Kasumi
(31) 2012168637
(32) 30.07.2012
(33) Japan

(51) C12N 15/10
(11) EP2978843
(21) EP14712746.8
(47) 31.10.2018
(87) GB2014050923
02.10.2014
(22) 24.03.2014
(54) METHOD OF DNA/RNA EXTRACTION USING SILYLATED QUATERNARY AMMONIUM COMPOUNDS (SIQAC)
(73) Arcis Biotechnology Holdings Limited
(72) COBB, Benjamin David
ROGERS, Jan
(31) 201305414
(32) 25.03.2013
(33) United Kingdom

(51) C12N 15/10
C40B 40/08
(11) EP2882854
(21) EP13753008.5
(47) 31.10.2018
(87) US2013054358
13.02.2014
(22) 09.08.2013
(54) METHODS FOR GENERATING POOLS OF VARIANTS OF A DNA TEMPLATE
(73) The Broad Institute, Inc.
(72) MIKKELSEN, Tarjei
MELNIKOV, Alexandre
(31) 201261681878 P
(32) 10.08.2012
(33) United States of America

(51) C12N 15/10
G01N 33/542
G01N 33/573
G01N 33/58
G01N 33/68
(11) EP3094725
(21) EP15704963.6
(47) 31.10.2018
(87) EP2015050515
16.07.2015
(22) 13.01.2015
(54) NUCLEOSOME SUBSTRATE ASSAYS
(73) Proteros Biostructures GmbH
(72) SCHOMBURG, Adrian
VAN DER BURGH, Robert
(31) 201400522
(32) 13.01.2014
(33) United Kingdom

(51) C12N 15/113
(11) EP3008185
(21) EP14736649.6
(47) 31.10.2018
(87) EP2014062251
18.12.2014
(22) 12.06.2014
(54) TTV MIRNA SEQUENCES AS AN EARLY MARKER FOR THE FUTURE DEVELOPMENT OF CANCER AND AS A TARGET FOR CANCER TREATMENT AND PREVENTION
(73) Deutsches Krebsforschungszentrum
(72) ZUR-HAUSEN, Harald
DE VILLIERS, Ethel-Michele
CID-ARREGUI, Angel
SARACHAGA DE BENITO, Victor
(31) 13003062
(32) 14.06.2013
(33) European Patent Office (EPO)

(51) C12N 15/113
A61K 31/713
C07H 21/00
C12Q 1/68
A01K 67/027
C12N 5/10
(11) EP3222724
(21) EP17160954.8
(47) 31.10.2018
(22) 05.08.2003
(54) FURTHER NOVEL FORMS OF INTERFERING RNA MOLECULES
(73) Silence Therapeutics GmbH
(72) Giese, Klaus
Kaufmann, Jörg
Klippel-Giese, Anke
(31) 02017601
402541 P
03008383
(32) 05.08.2002
12.08.2002
10.04.2003
(33) European Patent Office (EPO)
United States of America
European Patent Office (EPO)

(51) C12N 15/113
A61P 9/00
A61K 31/7088
(11) EP3134526
(21) EP15717502.7
(47) 31.10.2018
(87) EP2015058684
29.10.2015
(22) 22.04.2015
(54) LNCRNAS FOR THERAPY AND DIAGNOSIS OF CARDIAC HYPERTROPHY
(73) Medizinische Hochschule Hannover
(72) THUM, Thomas
REGALLA, Kumarswamy
VIERECK, Janika
(31) 14165504
(32) 22.04.2014
(33) European Patent Office (EPO)

(51) C12N 15/113
C07K 16/00
(11) EP3218490
(21) EP15816521.7
(47) 31.10.2018
(87) IB2015058777
19.05.2016
(22) 13.11.2015
(54) DNA-BINDING DOMAIN OF CRISPR SYSTEM FOR PRODUCTION OF NON-FUCOSYLATED AND PARTIALLY FUCOSYLATED PROTEINS
(73) Zumutor Biologics, Inc.
(72) PRASAD, Bhargav
UNNIKRISHNAN, Divya
HAZARIKA, Jahnabi
RODRIGUES, Kavitha Iyer
GHOSH, Maloy
M, Pavithra
D, Pravin Kumar
BHATTACHARJEE, Sanghamitra
M, Sathyabalan
SRINIVASAN, Sankaranarayanan
CHATTERJEE, Sohang
MAITY, Sunit
K, Veeresha
HALAN, Vivek
B. M., Yogendra Manjunath
HORA, Anuradha
N, Bairavabalakumar
NAIR, Karthika
THANIGAIVEL, Aswini
MALIWALAVE, Amol
SHENOY, Bharath R
PENDSE, Rajeshwari
PATHAK, Prabhat Kumar
KURUP, Anisha
RAO, Sahana Bhima
(31) 5767CH2014
(32) 15.11.2014
(33) India

(51) C12N 15/113
C12N 15/79
C07H 21/04
C12N 15/82

(11) EP2929030
(21) EP12889578.6
(47) 31.10.2018
(87) US2012067788
12.06.2014
(22) 04.12.2012
(54) TETRASELMIS PROMOTERS AND TERMINATORS FOR USE IN EUKARYOTIC CELLS
(73) ExxonMobil Research and Engineering Company
(72) SCHNEIDER, Jane, C.
LIEBERMAN, Soyan
LIU, Bo
MOELLERING, Eric, R.
VERRUTO, John, H.
SKAGGS, Amanda

(51) C12N 15/117
A61K 31/7105
A61K 39/39
A61P 37/04
A61P 11/06
(11) EP2179039
(21) EP08789054.7
(47) 31.10.2018
(87) IB2008002104
19.02.2009
(22) 08.08.2008
(54) RNA SEQUENCE MOTIFS IN THE CONTEXT OF DEFINED INTERNUCLEOTIDE LINKAGES INDUCING SPECIFIC IMMUNE MODULATORY PROFILES
(73) Zoetis Belgium S.A.
(72) JURK, Marion
VOLLMER, Jorg, Heinz
(31) 964448 P
(32) 13.08.2007
(33) United States of America

(51) C12N 15/82
C07K 14/415
C07K 14/32
(11) EP2999790
(21) EP14727372.6
(47) 31.10.2018
(87) EP2014001403
27.11.2014
(22) 23.05.2014
(54) PROCESS OF PROVIDING PLANTS WITH ABIOTIC STRESS RESISTANCE
(73) Nomad Bioscience GmbH
(72) THÜMMLER, Anka
BARTELS, Doreen
GIRITCH, Anatoli
GLEBA, Yuri
(31) 13002691
(32) 23.05.2013
(33) European Patent Office (EPO)

(51) C12N 15/85
C12N 9/12
(11) EP3019618
(21) EP14822812.5
(47) 31.10.2018
(87) US2014046366
15.01.2015
(22) 11.07.2014
(54) MINIMAL PIGGYBAC VECTORS FOR GENOME INTEGRATION
(73) University of South Alabama
(72) SOLODUSHKO, Victor
FOUTY, Brian
BITKO, Vira
(31) 201361845652 P
(32) 12.07.2013
(33) United States of America

(51) C12N 15/87
(11) EP2981616
(21) EP14747830.9
(47) 31.10.2018
(87) EP2014001924
22.01.2015
(22) 14.07.2014
(54) SOLID PHASE TRANSFECTION OF PROTEINS AND NUCLEIC ACIDS
(73) Universität Heidelberg
(72) ERFLE, Holger
STARKUVIENE-ERFLE, Vytaute
BULKESCHER, Ruben
(31) 13003546
(32) 15.07.2013
(33) European Patent Office (EPO)

(51) C12P 19/28
C08B 37/00
(11) EP1591532
(21) EP04707645.0
(47) 31.10.2018
(87) JP2004001048
19.08.2004
(22) 03.02.2004
(54) PROCESS FOR PRODUCING SUGAR CHAIN ASPARAGINE DERIVATIVE
(73) GLYTECH, INC.
(72) FUKAE, Kazuhiro, c/o Otsuka Chemical Co., Ltd.
(31) 2003026609
(32) 04.02.2003
(33) Japan

(51) C12P 21/08
A61K 39/00
C07K 16/22
C07K 14/495
A61K 39/395
(11) EP2971048
(21) EP14779440.8
(47) 31.10.2018
(87) US2014023274
09.10.2014
(22) 11.03.2014
(54) ENGINEERED ANTI-TGF-BETA ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS
(73) Genzyme Corporation
(72) WEI, Ronnie
MOULIN, Aaron
MATHIEU, Magali
PAN, Clark
PARK, Sunghae
QIU, Huawei
(31) 201361776430 P
(32) 11.03.2013
(33) United States of America

(51) C12Q 1/00
(11) EP2914735
(21) EP13786219.9
(47) 31.10.2018
(87) EP2013072754
08.05.2014
(22) 31.10.2013
(54) REAGENT MATERIALS AND ASSOCIATED TEST ELEMENTS
(73) F.Hoffmann-La Roche AG
(72) WILSEY, Christopher D.
(31) 201213667057
(32) 02.11.2012
(33) United States of America

(51) C12Q 1/68
(11) EP2931921
(21) EP13863040.5
(47) 31.10.2018
(87) SG2013000533
19.06.2014
(22) 13.12.2013
(54) LABEL-FREE METHODS FOR ISOLATION AND ANALYSIS OF NUCLEIC ACIDS ON SOLID PHASE DEVICE
(73) Agency for Science, Technology and Research
(72) SHIN, Yong
PARK, Mi Kyoung
(31) 201209173
(32) 13.12.2012
(33) Singapore

(51) C12Q 1/68
(11) EP3102699
(21) EP15705173.1
(47) 31.10.2018
(87) US2015014661
13.08.2015
(22) 05.02.2015
(54) PCR PRIMERS
(73) Qiagen Sciences, LLC
(72) SATYA, Ravi Vijaya
(31) 201461936973 P
(32) 07.02.2014
(33) United States of America

(51) C12Q 1/68
(11) EP3161146
(21) EP15729782.1
(47) 31.10.2018
(87) EP2015062858
30.12.2015
(22) 09.06.2015
(54) SEQUENCER
(73) Huldagate Technologies Ltd
(72) PROSSER, Joseph
(31) 201411285
(32) 25.06.2014
(33) United Kingdom

(51) C12Q 1/68
(11) EP3191603
(21) EP15766213.1
(47) 31.10.2018
(87) GB2015052626
17.03.2016
(22) 11.09.2015
(54) METHOD OF OBTAINING PAIRED-END SEQUENCING INFORMATION
(73) Illumina Cambridge Limited
(72) RIGATTI, Roberto
BOUTELL, Jonathan
(31) 201416106
(32) 11.09.2014

(33) United Kingdom

(51) C12Q 1/68
(11) EP3167077
(21) EP15738453.8
(47) 31.10.2018
(87) GB2015052006
14.01.2016
(22) 10.07.2015
(54) METHOD AND KIT OF DETECTING THE ABSENCE OF MICRO-ORGANISMS
(73) Momentum Bioscience Limited
(72) CROW, Matthew Alun
BENNETT, Helen Victoria
LOCKHART, Daniel Stephen
MULLEN, William Henry
(31) 201412316
(32) 10.07.2014
(33) United Kingdom

(51) C12Q 1/68
C12N 15/09
(11) EP3156504
(21) EP16180642.7
(47) 31.10.2018
(22) 11.08.2010
(54) ORGANISMS HOMOZYGOUS FOR TARGETED MODIFICATION
(73) Sangamo Therapeutics, Inc.
(72) DOYON, Yannick
(31) 273928 P
(32) 11.08.2009
(33) United States of America

(51) C12Q 1/68
C12N 15/10
C12N 15/63
C12N 15/90
(11) EP3218513
(21) EP15797569.9
(47) 31.10.2018
(87) US2015059959
19.05.2016
(22) 10.11.2015
(54) POLYNUCLEOTIDE AMPLIFICATION USING CRISPR-CAS SYSTEMS
(73) Illumina, Inc.
(72) MANDELL, Jeffrey G.
(31) 201462078355 P
(32) 11.11.2014
(33) United States of America

(51) C12Q 1/6823
C12Q 1/686
C12Q 1/6865
C12Q 1/6818
(11) EP2753717
(21) EP12830774.1
(47) 31.10.2018
(87) AU2012001081
14.03.2013
(22) 10.09.2012
(54) NUCLEIC ACID ENZYME SUBSTRATES
(73) SpeeDx Pty Ltd
(72) TODD, Alison Velyian
MOKANY, Elisa
LINARDY, Evelyn Meiria
LONERGAN, Dina
(31) 2011903686
(32) 09.09.2011
(33) Australia

(51) C12Q 1/6827
C12Q 1/6874
C12Q 1/6869
(11) EP3080298
(21) EP14868836.9
(47) 31.10.2018
(87) US2014069848
18.06.2015
(22) 11.12.2014
(54) METHODS FOR DETECTING RARE SEQUENCE VARIANTS
(73) AccuraGen Holdings Limited
(72) LIN, Shengrong
SUN, Zhaohui
ZHAO, Grace Qizhi
TANG, Paul Ling-Fung
(31) 201361914907 P
201461987414 P
201462010975 P
(32) 11.12.2013
01.05.2014
11.06.2014
(33) United States of America
United States of America
United States of America

(51) C12Q 1/6844
C12Q 1/6818
(11) EP3071707
(21) EP14800105.0
(47) 31.10.2018
(87) EP2014075321
28.05.2015
(22) 21.11.2014
(54) DETECTION OF NUCLEIC ACIDS BY STRAND INVASION BASED AMPLIFICATION
(73) Orion Diagnostica Oy
(72) EBOIGBODIN, Kevin
BRUMMER, Mirko
(31) 13194118
(32) 22.11.2013
(33) European Patent Office (EPO)

(51) C12Q 1/6869
C12Q 1/6886
(11) EP2758538
(21) EP12834150.0
(47) 31.10.2018
(87) US2012056416
28.03.2013
(22) 20.09.2012
(54) METHODS FOR ANALYZING HETEROGENEOUS SAMPLES
(73) LINEAGE BIOSCIENCES, INC.
(72) SELIGSON, Dan
SNYDER, Thomas
(31) 201161537875 P
201161554086 P
201261608442 P
(32) 22.09.2011
01.11.2011
08.03.2012
(33) United States of America
United States of America
United States of America

(51) C12Q 1/6883
C12Q 1/6881
(11) EP3004388
(21) EP14804474.6
(47) 31.10.2018
(87) US2014040055
04.12.2014
(22) 29.05.2014
(54) DETECTION AND QUANTIFICATION OF DONOR CELL-FREE DNA IN THE CIRCULATION OF ORGAN TRANSPLANT RECIPIENTS
(73) Chronix Biomedical
(72) SCHUTZ, Ekkehard
BECK, Julia
(31) 201361828553 P
(32) 29.05.2013
(33) United States of America

(51) C12Q 1/6886
(11) EP2989466
(21) EP14788980.2
(47) 31.10.2018
(87) KR2014003281
30.10.2014
(22) 16.04.2014
(54) ANALYTICAL METHOD FOR INCREASING SUSCEPTIBILITY OF MOLECULAR TARGETED THERAPY IN HEPATOCELLULAR CARCINOMA
(73) CBS Bioscience, Co., Ltd
(72) PARK, Jin-Young
MOON, Young-Ho
KWON, Jung-Hee
(31) 20130046279
(32) 25.04.2013
(33) Korea (Republic)

(51) C12Q 1/6886
(11) EP3008214
(21) EP14811186.7
(47) 31.10.2018
(87) US2014041871
18.12.2014
(22) 11.06.2014
(54) NON-INVASIVE BLOOD BASED MONITORING OF GENOMIC ALTERATIONS IN CANCER
(73) Dana-Farber Cancer Institute, Inc.
(72) JANNE, Pasi, A.
PAWELETZ, Cloud, P
OXNARD, Geoffrey
KUANG, Yanan
(31) 201361833556 P
201361889148 P
(32) 11.06.2013
10.10.2013
(33) United States of America
United States of America

(51) C12Q 1/6886
(11) EP2816121
(21) EP14170193.8
(47) 31.10.2018
(22) 28.05.2014
(54) Method for obtaining information on hepatocellular carcinoma
(73) The University of Tokyo
SYSMEX CORPORATION
(72) Tai, Kaya
Nagae, Genta
Aburatani, Hiroyuki
(31) 2013113419
2014093759
(32) 29.05.2013

30.04.2014
(33) Japan
Japan

(51) C12Q 1/6886
G06F 19/18
G06F 19/20
G06F 19/24
(11) EP3172338
(21) EP15741568.8
(47) 31.10.2018
(87) EP2015067174
28.01.2016
(22) 27.07.2015
(54) METHODS FOR PREDICTING RESPONSE TO DNA REPAIR PATHWAY INHIBITORS IN DIFFUSE LARGE B-CELL LYMPHOMA
(73) INSERM - Institut National de la Santé et de la Recherche Médicale
Centre National de la Recherche Scientifique (CNRS)
Université de Montpellier
Centre Hospitalier Universitaire de Montpellier
(72) MOREAUX, Jérôme
CARTRON, Guillaume
BRET, Caroline
CONSTANTINOU, Angelos
PASERO, Philippe
(31) 14306201
(32) 25.07.2014
(33) European Patent Office (EPO)

(51) C12Q 1/689
(11) EP2817416
(21) EP13708590.8
(47) 31.10.2018
(87) US2013027457
29.08.2013
(22) 22.02.2013
(54) DETECTION OF SHIGA TOXIN GENES IN BACTERIA
(73) Gen-Probe Prodesse Inc.
(72) TYLER, Ejan
(31) 201261603091 P
201261725401 P
(32) 24.02.2012
12.11.2012
(33) United States of America
United States of America

(51) C12Q 1/70
(11) EP2839040
(21) EP13717292.0
(47) 31.10.2018
(87) EP2013058231
24.10.2013
(22) 19.04.2013
(54) ANELLOVIRUS GENOME QUANTIFICATION AS A BIOMARKER OF IMMUNE SUPPRESSION
(73) Institut Pasteur
Université Paris Descartes - Paris V
Assistance Publique - Hôpitaux de Paris
Ecole Nationale Veterinaire D'Alfort
PathoQuest
(72) ELOIT, Marc
CHEVAL, Justine
HEBERT, Charles
LECUIT, Marc
(31) 12305462
(32) 20.04.2012
(33) European Patent Office (EPO)

(51) C21B 5/00
B01D 53/06
C01B 3/50
C01B 3/52
C01B 3/56
C21B 5/06
(11) EP2641980
(21) EP13167251.1
(47) 31.10.2018
(22) 17.03.2009
(54) METHOD FOR SEPARATING BLAST FURNACE GAS
(73) JFE Steel Corporation
(72) Nakagawa, Tsuguhiko
Haraoka, Takashi
Nasu, Masaru
Ida, Hiroyuki
Kishimoto, Akira
(31) 2008069108
2008069109
(32) 18.03.2008
18.03.2008
(33) Japan
Japan

(51) C21B 7/14
C21C 1/06
(11) EP2665836
(21) EP12705077.1
(47) 31.10.2018
(87) EP2012050734
26.07.2012
(22) 18.01.2012
(54) METHOD AND NOZZLE FOR SUPPRESSING THE GENERATION OF IRON-CONTAINING VAPOR
(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) WIECK, Dietmar
WINDHÖVEL, Christian
(31) 102011008894
(32) 19.01.2011
(33) Germany

(51) C21B 13/00
C21B 13/10
C21B 5/00
C22B 1/16
C22B 1/248
C22B 5/10
(11) EP2189547
(21) EP08830144.5
(47) 31.10.2018
(87) JP2008066458
19.03.2009
(22) 11.09.2008
(54) PROCESS FOR PRODUCING REDUCED IRON PELLETS
(73) Nippon Steel & Sumitomo Metal Corporation
(72) IBARAKI, Tetsuharu
ODA, Hiroshi
(31) 2007239058
2008227163
(32) 14.09.2007
04.09.2008
(33) Japan
Japan

(51) C21C 5/28
C04B 5/06
C21C 1/02
C22B 1/16
(11) EP2383352
(21) EP09835099.4
(47) 31.10.2018
(87) JP2009071845
01.07.2010
(22) 22.12.2009
(54) METHOD FOR RECLAIMING IRON AND PHOSPHORUS FROM STEELMAKING SLAG
(73) JFE Steel Corporation
(72) KIKUCHI, Naoki
MATSUI, Akitoshi
TAKAHASHI, Katsunori
TOBO, Hiroyuki
KISHIMOTO, Yasuo
(31) 2008331686
2009015046
(32) 26.12.2008
27.01.2009
(33) Japan
Japan

(51) C21C 7/04
C21C 7/10
C22C 38/06
C21D 8/12
C21D 9/46
C21C 7/06
C22C 38/00
C22C 38/02
C22C 38/04
H01F 1/147
H01F 1/16
(11) EP2824192
(21) EP12870769.2
(47) 31.10.2018
(87) CN2012000385
12.09.2013
(22) 27.03.2012
(54) CALCIUM TREATMENT METHOD FOR A NON-ORIENTED ELECTRICAL STEEL SHEET
(73) Baoshan Iron & Steel Co., Ltd.
(72) ZHANG, Feng
LIU, Xiandong
XIE, Shishu
LV, Xuejun
CHEN, Xiao
MA, Aihua
ZHANG, Peili
WANG, Yanwei
ZHANG, Lan
HEI, Hongxu
(31) 201210060172
(32) 08.03.2012
(33) China

(51) C21D 1/18
C21D 1/25
C21D 6/00
C22C 38/18
C22C 38/44
C22C 38/46
C22C 38/52
C21D 9/32

C23C 8/22
C23C 8/80
C22C 38/02
C22C 38/04
C22C 38/50
(11) EP2511386
(21) EP12162684.0
(47) 31.10.2018
(22) 30.03.2012
(54) Case-hardening method of processing stainless steel and steel article
(73) United Technologies Corporation
(72) Chin, Herbert A.
Ogden, William P.
(31) 201113083676
(32) 11.04.2011
(33) United States of America

(51) C21D 7/04
B23P 6/00
B23P 9/02
B23P 9/04
C21D 7/13
C21D 9/00
F01D 5/28
(11) EP2787089
(21) EP13162266.4
(47) 31.10.2018
(22) 04.04.2013
(54) Method and device for processing components
(73) MTU Aero Engines AG
(72) Bamberg, Joachim
Hessert, Roland

(51) C21D 8/02
C22C 38/00
(11) EP2954074
(21) EP14702880.7
(47) 31.10.2018
(87) EP2014052334
14.08.2014
(22) 06.02.2014
(54) A HIGH-STRENGTH HOT-ROLLED STEEL STRIP OR SHEET WITH EXCELLENT FORMABILITY AND FATIGUE PERFORMANCE AND A METHOD OF MANUFACTURING SAID STEEL STRIP OR SHEET
(73) Tata Steel IJmuiden BV
(72) RIJKENBERG, Rolf Arjan
(31) 13154825
(32) 11.02.2013
(33) European Patent Office (EPO)

(51) C21D 8/02
C22C 38/02
C22C 38/06
(11) EP2796571
(21) EP12859776.2
(47) 31.10.2018
(87) KR2012011170
27.06.2013
(22) 20.12.2012
(54) HIGH SILICON STEEL SHEET HAVING EXCELLENT PRODUCTIVITY AND MAGNETIC PROPERTIES AND METHOD FOR MANUFACTURING SAME
(73) POSCO
(72) HONG, Byung-Deug
KOO, Jin-Mo
LEE, Jae-Kon
PARK, Sung-Jin
KIM, Sang-Hoon
(31) 20110138478
(32) 20.12.2011
(33) Korea (Republic)

(51) C21D 8/04
C22C 38/02
B32B 15/01
B22D 7/00
C21D 1/74
C21D 1/76
C21D 1/84
C21D 6/00
C21D 8/02
C23C 2/02
C23C 2/06
C23C 2/26
C21D 1/34
C22C 38/00
C22C 38/04
C22C 38/06
C21D 9/46
C21D 1/52
C22C 33/04
(11) EP2921569
(21) EP13854299.8
(47) 31.10.2018
(87) CN2013071716
22.05.2014
(22) 21.02.2013
(54) HIGH-FORMABILITY AND SUPER-STRENGTH HOT GALVANIZING STEEL PLATE AND MANUFACTURING METHOD THEREOF
(73) Baoshan Iron & Steel Co., Ltd.
(72) ZHONG, Yong
WANG, Li
FENG, Weijun
ZHANG, Liyang
(31) 201210461860
(32) 15.11.2012
(33) China

(51) C21D 8/10
B21B 21/00
B21C 1/22
B21C 23/08
C22C 38/00
C22C 38/58
B21B 3/02
C21D 6/00
C21D 9/14
C22C 38/02
C22C 38/04
C22C 38/20
C22C 38/42
C22C 38/44
(11) EP2388341
(21) EP09838361.5
(47) 31.10.2018
(87) JP2009068743
22.07.2010
(22) 02.11.2009
(54) PROCESS FOR PRODUCTION OF DUPLEX STAINLESS STEEL PIPE
(73) Nippon Steel & Sumitomo Metal Corporation
(72) SUWABE, Hitoshi
ONO, Toshihide
(31) 2009008403
(32) 19.01.2009
(33) Japan

(51) C22B 3/18
C12N 1/00
C22B 15/00
(11) EP3034635
(21) EP15199787.1
(47) 31.10.2018
(22) 14.12.2015
(54) TANK BIOLEACHING OF COPPER SULFIDE ORES
(73) Middle East Mine and Industry Company
(72) Aliasghar, Pourmand
(31) 1393501400
(32) 15.12.2014
(33) Iran (Islamic Republic)

(51) C22B 7/00
(11) EP3137637
(21) EP15702633.7
(47) 31.10.2018
(87) EP2015000209
05.11.2015
(22) 03.02.2015
(54) METHODS FOR REPROCESSING USED CATALYSTS
(73) Dr Pley Engineering & Consulting (Bucharest) SRL
(72) PLEY, Martin
(31) 14001537
(32) 30.04.2014
(33) European Patent Office (EPO)

(51) C22B 9/02
B06B 3/00
C22B 21/06
(11) EP3215644
(21) EP15807687.7
(47) 31.10.2018
(87) FR2015052941
12.05.2016
(22) 02.11.2015
(54) PROCESS FOR USING A TUBULAR SONOTRODE
(73) Constellium Issoire
(72) JARRY, Philippe
ACHARD, Jean-Louis
(31) 1402500
(32) 05.11.2014
(33) France

(51) C22B 15/00
(11) EP2917378
(21) EP13799176.6
(47) 31.10.2018
(87) BR2013000475
15.05.2014
(22) 05.11.2013
(54) PROCESS FOR REMOVING URANIUM FROM COPPER CONCENTRATE VIA MAGNETIC SEPARATION
(73) Vale S.A.
(72) MARQUES, Antonio Euclides Jaques
DA SILVA, Wesley Jose
BERGERMAN, Maurício Guimarães
RODRIGUES, Wendel Johnson
GONÇALVES, Keila Lane de Carvalho
(31) 201261723196 P
(32) 06.11.2012

(33) United States of America

(51) C22B 59/00
B09B 3/00
C22B 7/00
C22B 9/02
C22B 26/22
(11) EP2684971
(21) EP12755172.9
(47) 31.10.2018
(87) JP2012056032
13.09.2012
(22) 08.03.2012
(54) APPARATUS AND METHOD FOR RECOVERING RARE EARTH METAL FROM RARE EARTH MAGNET
(73) Hitachi, Ltd.
The Foundation for the Promotion of Industrial Science
Toho Titanium CO., LTD.
(72) MIYAMOTO, Yu
OKAMOTO, Masahide
OKABE, Toru
YAMAGUCHI, Masanori
(31) 2011052536
(32) 10.03.2011
(33) Japan

(51) C22C 5/06
B22F 1/02
B22F 3/16
B22F 3/20
B22F 9/24
C22C 1/05
H01B 1/02
(11) EP2549486
(21) EP11846153.2
(47) 31.10.2018
(87) CN2011000631
14.06.2012
(22) 11.04.2011
(54) PREPARATION METHOD FOR SILVER MATRIX ELECTRICAL CONTACT MATERIAL ENHANCED BY GRAINS WITH ORIENTED ARRANGEMENT
(73) Wenzhou Hongfeng Electrical Alloy Co., Ltd.
(72) CHEN, Lesheng
CHEN, Xiao
MU, Chengfa
QI, Gengxin
(31) 201010579827
(32) 09.12.2010
(33) China

(51) C22C 9/04
C22F 1/08
B22D 21/00
C21D 8/02
(11) EP3056578
(21) EP14849919.7
(47) 31.10.2018
(87) JP2014075735
02.04.2015
(22) 26.09.2014
(54) COPPER ALLOY
(73) Mitsubishi Shindoh Co., Ltd.
(72) OISHI Keiichiro
NAKASATO Yosuke
HATA Katsuhiko
TANAKA Shinji
(31) 2013199475
2014039679
(32) 26.09.2013
28.02.2014
(33) Japan
Japan

(51) C22C 9/05
C22C 9/01
C22F 1/08
C22F 1/00
(11) EP2896705
(21) EP13837557.1
(47) 31.10.2018
(87) JP2013074416
20.03.2014
(22) 10.09.2013
(54) CU-AL-MN BASED ALLOY EXHIBITING STABLE SUPERELASTICITY AND MANUFACTURING PROCESS THEREFOR
(73) Furukawa Electric Co., Ltd.
Tohoku University
Furukawa Techno Material Co., Ltd.
(72) OMORI, Toshihiro
KAWATA, Shingo
KAINUMA, Ryosuke
ISHIDA, Kiyohito
TANAKA, Toyonobu
NAKAMIZO, Kenji
KISE, Sumio
ISHIKAWA, Koji
FUJII, Misato
TESHIGAWARA, Satoshi
(31) 2012221685
(32) 16.09.2012
(33) Japan

(51) C22C 19/05
(11) EP3102711
(21) EP15704948.7
(47) 31.10.2018
(87) DE2015000008
13.08.2015
(22) 12.01.2015
(54) NICKEL-CHROMIUM-ALUMINUM ALLOY HAVING GOOD WEAR RESISTANCE, CREEP RESISTANCE, CORROSION RESISTANCE AND PROCESSABILITY
(73) VDM Metals International GmbH
(72) HATTENDORF, Heike
(31) 102014001328
(32) 04.02.2014
(33) Germany

(51) C22C 21/02
C22C 21/04
C22F 1/043
(11) EP3084027
(21) EP14883243.9
(47) 31.10.2018
(87) US2014070938
27.08.2015
(22) 17.12.2014
(54) HIGH PERFORMANCE AlSiMgCu CASTING ALLOY
(73) Alcoa USA Corp.
(72) YAN, Xinyan
LIN, Jen C.
(31) 201361919415 P
(32) 20.12.2013
(33) United States of America

(51) C22C 21/10
C22F 1/053
(11) EP3115474
(21) EP14884642.1
(47) 31.10.2018
(87) JP2014080110
11.09.2015
(22) 13.11.2014
(54) STRUCTURAL ALUMINUM ALLOY PLATE AND PROCESS FOR PRODUCING SAME
(73) UACJ Corporation
(72) NAKANISHI, Hidetaka
NORIKANE, Kazushige
ASANO, Mineo
(31) PCT/JP2014/055791
(32) 06.03.2014
(33) World Intellectual Property Office (WIPO)

(51) C22C 37/10
C22C 38/10
C22C 38/08
C22C 38/00
C22C 38/54
C22C 30/00
C21D 9/52
C22C 38/02
C22C 38/34
C22C 38/48
C22C 38/52
C22C 38/56
C22C 45/02
(11) EP2576852
(21) EP11787532.8
(47) 31.10.2018
(87) US2011038425
01.12.2011
(22) 27.05.2011
(54) A METHOD OF FORMING ALLOYS EXHIBITING SPINODAL GLASS MATRIX MICROCONSTITUENTS STRUCTURE AND DEFORMATION MECHANISMS
(73) The Nanosteel Company, Inc.
(72) BRANAGAN, Daniel, James
MEACHAM, Brian, E.
WALLESER, Jason, K.
ZHOU, Jikou
SERGUEEVA, Alla
(31) 348823 P
(32) 27.05.2010
(33) United States of America

(51) C22C 38/00
B21B 1/26
B21B 1/38
B21B 3/00
C21D 8/02
C22C 38/58
C21D 9/46
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/08
C22C 38/42
C22C 38/44
C22C 38/46
C22C 38/48

C22C 38/50
C22C 38/54
B21B 1/22
C22C 38/14
C22C 38/16
(11) EP3135787
(21) EP15783445.8
(47) 31.10.2018
(87) JP2015002244
29.10.2015
(22) 24.04.2015
(54) STEEL PLATE AND METHOD OF PRODUCING SAME
(73) JFE Steel Corporation
(72) KITSUYA, Shigeki
ICHIMIYA, Katsuyuki
HASE, Kazukuni
ENDO, Shigeru
(31) 2014090623
(32) 24.04.2014
(33) Japan

(51) C22C 38/00
B22D 11/11
C21C 7/00
C21C 7/04
C21C 7/06
C21D 8/06
C21D 6/00
B22D 11/00
B22D 11/113
B22D 11/114
C21D 9/02
C21C 7/10
C21D 1/26
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/08
C22C 38/16
C22C 38/20
C22C 38/22
(11) EP2990496
(21) EP13883297.7
(47) 31.10.2018
(87) JP2013061877
30.10.2014
(22) 23.04.2013
(54) SPRING STEEL HAVING EXCELLENT FATIGUE CHARACTERISTICS AND PROCESS FOR MANUFACTURING SAME
(73) Nippon Steel & Sumitomo Metal Corporation
(72) MIYAZAKI Masafumi
YAMAMURA Hideaki
HASHIMURA Masayuki
FUJITA Takashi

(51) C22C 38/00
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/08
C22C 38/12
C21D 8/12
H01F 1/16
(11) EP2474636
(21) EP10813646.6
(47) 31.10.2018
(87) JP2010064373
10.03.2011
(22) 25.08.2010
(54) NON-ORIENTED ELECTRICAL STEEL SHEET
(73) Nippon Steel & Sumitomo Metal Corporation
(72) KUBOTA, Takeshi
(31) 2009203806
(32) 03.09.2009
(33) Japan

(51) C22C 38/00
C22C 38/18
C22C 38/54
C21D 9/46
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/08
C22C 38/10
C22C 38/12
C22C 38/14
C22C 38/16
C22C 38/20
C22C 38/24
C22C 38/26
C22C 38/28
C22C 38/30
C22C 38/40
C22C 38/42
C21D 8/02
(11) EP3181714
(21) EP15837552.7
(47) 31.10.2018
(87) JP2015003342
10.03.2016
(22) 02.07.2015
(54) MATERIAL FOR COLD-ROLLED STAINLESS STEEL SHEETS
(73) JFE Steel Corporation
(72) TA, Ayako
MATSUBARA, Yukihiro
KIMURA, Yukio
YOSHINO, Masataka
NAKAZONO, Keisuke
KAIHO, Sumio
MURATA, Saiichi
KITAGAWA, Nobukazu
(31) 2014181022
(32) 05.09.2014
(33) Japan

(51) C22C 38/40
C22C 38/42
C22C 38/44
C22C 38/46
C21D 8/04
C21D 9/48
(11) EP2245203
(21) EP08872296.2
(47) 31.10.2018
(87) FR2008001687
20.08.2009
(22) 03.12.2008
(54) AUSTENITIC STAINLESS STEEL SHEET AND METHOD FOR OBTAINING THIS SHEET
(73) Aperam Stainless France
(72) FROHLICH, Thomas
MITHIEUX, Jean-Denis
(31) 07291575
(32) 20.12.2007
(33) European Patent Office (EPO)

(51) C22C 38/50
C21D 9/08
C21D 8/10
C21D 9/50
C22C 38/00
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/42
C22C 38/44
C22C 38/46
C22C 38/48
C22C 38/54
(11) EP2371982
(21) EP09829127.1
(47) 31.10.2018
(87) JP2009069942
03.06.2010
(22) 26.11.2009
(54) SEAMLESS STEEL PIPE AND METHOD FOR MANUFACTURING SAME
(73) Nippon Steel & Sumitomo Metal Corporation
(72) ARAI, Yuji
TAKANO, Takashi
(31) 2008300802
(32) 26.11.2008
(33) Japan

(51) C22F 1/08
C22C 9/06
(11) EP2971214
(21) EP14769727.0
(47) 31.10.2018
(87) US2014024448
25.09.2014
(22) 12.03.2014
(54) PROCESS FOR PRODUCING A UNIFORM GRAIN SIZE IN HOT WORKED SPINODAL ALLOY
(73) Materion Corporation
(72) LONGENBERGER, Edward
(31) 201361793690 P
(32) 15.03.2013
(33) United States of America

(51) C23C 2/20
C23C 2/14
C23C 2/16
C23C 2/18
(11) EP2759618
(21) EP12832927.3
(47) 31.10.2018
(87) JP2012074264
28.03.2013
(22) 21.09.2012
(54) WIPING DEVICE AND HOT-DIP PLATING DEVICE USING SAME
(73) Nippon Steel & Sumitomo Metal Corporation
Nippon Steel & Sumikin Coated Sheet Corporation
(72) IMAI Takeshi
TAMURA Takeshi
SUGIYAMA Seiji
MIYAMOTO Kazuhiro
NISHIMATA Mitsuo
YAMANE Yasushi
(31) 2011208118
(32) 22.09.2011

(33) Japan

(51) C23C 4/129
C23C 4/134
G01J 1/22
G21F 7/03
(11) EP2839050
(21) EP13777675.3
(47) 31.10.2018
(87) US2013027233
24.10.2013
(22) 22.02.2013
(54) ADAPTIVE SHADE WINDOW FOR PLASMA OPERATIONS
(73) United Technologies Corporation
(72) MARKOWSKI, John E.
(31) 201213448487
(32) 17.04.2012
(33) United States of America

(51) C23C 8/16
C21D 1/10
C21D 1/76
C22C 19/05
C22C 38/00
C22C 38/50
C23C 8/18
G21D 1/00
C22F 1/00
C22C 30/00
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/40
C22C 38/42
C22F 1/08
(11) EP2835442
(21) EP13768499.9
(47) 31.10.2018
(87) JP2013055087
03.10.2013
(22) 27.02.2013
(54) Cr-CONTAINING AUSTENITIC ALLOY
(73) Nippon Steel & Sumitomo Metal Corporation
(72) MASAKI, Yasuhiro
KANZAKI, Manabu
HIDAKA, Yasuyoshi
UEHIRA, Akihiro
MIYAHARA, Osamu
(31) 2012074539
(32) 28.03.2012
(33) Japan

(51) C23C 10/28
C23C 10/48
C23C 14/04
C23C 14/24
C23C 14/14
(11) EP3066227
(21) EP14802300.5
(47) 31.10.2018
(87) US2014064517
14.05.2015
(22) 07.11.2014
(54) METHOD FOR PRODUCING DIFFUSION ALUMINIDE COATINGS
(73) Praxair S.T. Technology, Inc.
(72) GARING, Kevin, E.
MCCONNELL, Jeffrey, J.
HUTZLER, Carl, Hugo
(31) 201361901573 P
201414534590
(32) 08.11.2013
06.11.2014
(33) United States of America
United States of America

(51) C23C 14/14
C23C 14/24
C23G 1/10
C22B 9/14
(11) EP2963148
(21) EP15166242.6
(47) 31.10.2018
(22) 04.05.2015
(54) METHODS FOR MAKING GOLD EVAPORATIVE SOURCES WITH REDUCED CONTAMINANTS
(73) Praxair S.T. Technology, Inc.
(72) Stuber, Wendell R.
Aviles, Ernesto
Sarkar, Jaydeep
Gilman, Paul, S.
(31) 201414266975
(32) 01.05.2014
(33) United States of America

(51) C23C 14/34
C23C 14/35
H01J 37/34
(11) EP2622113
(21) EP11775924.1
(47) 31.10.2018
(87) EP2011066895
05.04.2012
(22) 28.09.2011
(54) COATING SUBSTRATES WITH AN ALLOY BY MEANS OF CATHODE SPUTTERING
(73) Singulus Technologies AG
(72) MAASS, Wolfram
OCKER, Berthold
LANGER, Jürgen
(31) 102010046780
(32) 28.09.2010
(33) Germany

(51) C23C 14/58
B01J 37/34
C23F 4/02
B01J 23/42
B01J 23/52
B01J 23/72
B01J 23/745
B01J 23/755
B01J 35/00
C23F 4/00
(11) EP2396447
(21) EP10708319.8
(47) 31.10.2018
(87) FR2010050219
19.08.2010
(22) 10.02.2010
(54) METHOD FOR THE ION BEAM TREATMENT OF A METAL LAYER DEPOSITED ON A SUBSTRATE AND SUBSTRATE ATTAINED THEREBY
(73) Quertech
(72) BUSARDO, Denis
GUERNALEC, Frédéric
(31) 0950824
(32) 10.02.2009
(33) France

(51) C23C 16/04
H01F 3/02
H01F 41/02
H02K 5/12
H02K 7/09
H02K 15/02
H02K 15/12
(11) EP3054030
(21) EP15305157.8
(47) 31.10.2018
(22) 03.02.2015
(54) Method of protecting lamination stacks of a component of an electric machine
(73) SKF MAGNETIC MECHATRONICS
(72) Bauce, Yvon
Carrasco, Eduardo
Salahun, Erwan

(51) C23C 16/27
C23C 16/26
G04D 3/00
B81B 3/00
C23C 16/56
(11) EP2440684
(21) EP10724759.5
(47) 31.10.2018
(87) EP2010057802
16.12.2010
(22) 03.06.2010
(54) METHOD FOR COATING MICROMECHANICAL COMPONENTS OF A MICROMECHANICAL SYSTEM, IN PARTICULAR A WATCH AND RELATED MICROMECHANICAL COATED COMPONENT
(73) The Swatch Group Research and Development Ltd.
(72) STEINMÜLLER, Detlef
STEINMÜLLER, Doris
DREXEL, Herwig
GHODBANE, Slimane
RICHARD, David
CUSIN, Pierre
(31) 09162327
(32) 09.06.2009
(33) European Patent Office (EPO)

(51) C23C 16/34
C23C 16/52
(11) EP2309022
(21) EP10176369.6
(47) 31.10.2018
(22) 13.09.2010
(54) Gas barrier coating and gas barrier film
(73) Fujifilm Corporation
(72) Takahashi, Toshiya
Senga, Takeshi
Tonohara, Kouji
(31) 2009215785
(32) 17.09.2009
(33) Japan

(51) C23C 16/42
C04B 35/565
C23C 16/01
C01B 32/956
C23C 16/32
(11) EP2881494
(21) EP12882269.9
(47) 31.10.2018

(87) JP2012073413
06.02.2014
(22) 13.09.2012
(54) SiC BODY AND METHOD FOR PRODUCING SiC BODY
(73) Tokai Carbon Co., Ltd.
(72) SUGIHARA Takaomi
ASAKURA Masaaki
TOKUNAGA Takeshi
SADAKI Tetsuya
(31) 2012171002
(32) 01.08.2012
(33) Japan

(51) C23C 16/458
H01L 21/314
H01L 21/687
H01J 37/32
(11) EP2141259
(21) EP08159693.4
(47) 31.10.2018
(22) 04.07.2008
(54) Deposition method for passivation of silicon wafers
(73) ABB Schweiz AG
(72) Akurati, Kranthi
Kunow, Magnus
Zimmermann, Andreas
Jervis, Ron

(51) C23C 18/12
C09D 7/65
A47J 36/02
C09D 4/00
B05D 5/08
C09D 183/04
(11) EP2694601
(21) EP12717432.4
(47) 31.10.2018
(87) FR2012050715
11.10.2012
(22) 03.04.2012
(54) SOL-GEL COATING COMPRISING A FLUORINATED FILLER AND CULINARY ARTICLE EQUIPPED WITH SUCH A COATING
(73) SEB S.A.
(72) BERRUX, Aurélien
BARCIKOWSKI, Gaëlle
(31) 1153094
(32) 08.04.2011
(33) France

(51) C23C 22/00
C21D 8/12
C21D 9/46
C22C 38/00
C22C 38/60
C23C 22/30
C23C 22/33
C23C 22/74
H01F 1/16
(11) EP2799594
(21) EP12861651.3
(47) 31.10.2018
(87) JP2012079239
04.07.2013
(22) 12.11.2012
(54) DIRECTIONAL ELECTROMAGNETIC STEEL SHEET WITH COATING, AND METHOD FOR PRODUCING SAME
(73) JFE Steel Corporation
(72) OKUBO Tomoyuki
KIJIMA Gou
WATANABE Makoto
(31) 2011288242
(32) 28.12.2011
(33) Japan

(51) C23C 22/77
C25D 11/24
G01J 3/46
G01J 3/50
(11) EP3191617
(21) EP15771680.4
(47) 31.10.2018
(87) FR2015052411
17.03.2016
(22) 10.09.2015
(54) METHOD FOR MONITORING A PART VIA COLORIMETRY
(73) ArianeGroup SAS
(72) PERON, Maxime
BETAILLE-FRANCOUAL, Marie
(31) 1402041
(32) 12.09.2014
(33) France

(51) C23C 24/00
C23C 24/08
B05D 1/06
(11) EP1683892
(21) EP05028432.2
(47) 31.10.2018
(22) 23.12.2005
(54) Coating process
(73) Thermission AG
(72) Danger, Elisabeth
Pohl, Martin
(31) 102005002706
(32) 19.01.2005
(33) Germany

(51) C23C 24/08
C23C 22/74
F01D 5/28
(11) EP2718480
(21) EP12730307.1
(47) 31.10.2018
(87) US2012041986
20.12.2012
(22) 12.06.2012
(54) MULTILAYER OVERLAY SYSTEM FOR THERMAL AND CORROSION PROTECTION OF SUPERALLOY SUBSTRATES
(73) Praxair S.T. Technology, Inc.
(72) BELOV, Irina
(31) 201161496270 P
201161504865 P
201213493593
(32) 13.06.2011
06.07.2011
11.06.2012
(33) United States of America
United States of America
United States of America

(51) C23C 28/00
C23C 28/02
B32B 15/01
H01L 21/443
H01R 4/58
H01R 13/03
(11) EP2875170
(21) EP13739690.9
(47) 31.10.2018
(87) EP2013065286
23.01.2014
(22) 19.07.2013
(54) COATING PROCESS FOR PRESS-FIT CONTACT
(73) Tyco Electronics France SAS
(72) BEDNAREK, Alain
(31) 1257093
(32) 20.07.2012
(33) France

(51) C23C 28/04
C23C 14/02
C23C 14/08
C23C 14/58
B05D 1/36
B32B 15/04
F01D 5/28
F01D 25/00
(11) EP2845925
(21) EP14181856.7
(47) 31.10.2018
(22) 21.08.2014
(54) Turbine engine, engine structure, and method of forming an engine structure with thermal barrier coating protection
(73) Honeywell International Inc.
(72) Tolpygo, Vladimir K.
Baker, Wil
(31) 201314023084
(32) 10.09.2013
(33) United States of America

(51) C23G 1/00
G01N 1/34
G01N 33/20
G01N 21/88
(11) EP2882887
(21) EP13759970.0
(47) 31.10.2018
(87) DE2013000442
13.02.2014
(22) 07.08.2013
(54) SURFACE TREATMENT PROCESS FOR COMPONENTS COMPOSED OF ALUMINIUM HAVING DETECTION OF IMPERMISSIBLE OVERHEATING
(73) Premium AEROTEC GmbH
(72) JURICIC, Claudia
MARKGRAF, Melanie
(31) 102012015579
(32) 08.08.2012
(33) Germany

(51) C25C 3/08
C01B 32/20
C01B 32/90
C01B 32/921
C04B 35/52
(11) EP2554715
(21) EP11762246.4
(47) 31.10.2018
(87) JP2011001861
06.10.2011
(22) 29.03.2011

(54) CATHODE CARBON BLOCK FOR ALUMINUM SMELTING AND PROCESS FOR PRODUCTION THEREOF
(73) Nippon Electrode Co., Ltd.
(72) TODA, Shinjiro
ISHIKAWA, Akifumi
(31) 2010078759
(32) 30.03.2010
(33) Japan
(51) C25D 3/38
C25D 5/02
C25D 7/00
C25D 7/12
(11) EP3263745
(21) EP17176748.6
(47) 31.10.2018
(22) 19.06.2017

(54) METHOD OF ELECTROPLATING PHOTORESIST DEFINED FEATURES FROM COPPER ELECTROPLATING BATHS CONTAINING REACTION PRODUCTS OF PYRAZOLE COMPOUNDS AND BISEPOXIDES
(73) Rohm and Haas Electronic Materials LLC
(72) POKHREL, Ravi
THORSETH, Matthew
BYRNES, James
SCALISI, Mark
NIAZIMBETOVA, Zuhra
DZIEWISZEK, Joanna
(31) 201662354972 P
(32) 27.06.2016
(33) United States of America
(51) C25D 5/48
C25D 5/02
C25D 5/50
C21D 1/74
C21D 1/18
C21D 1/42
C21D 6/00
C21D 8/00
C21D 8/02
C21D 9/46
C22C 38/28
C22C 38/06
C25D 3/22
C25D 7/06
C22C 38/02
C21D 1/06
C21D 1/34
(11) EP2848715
(21) EP13184275.9
(47) 31.10.2018
(22) 13.09.2013

(54) METHOD FOR PRODUCING A STEEL COMPONENT WITH AN ANTI-CORROSIVE METAL COATING
(73) ThyssenKrupp Steel Europe AG
(72) Köyer, Maria
Sikora, Sascha
Banik, Janko
(51) C25D 17/24
C25D 13/22
(11) EP2692906
(21) EP13178607.1
(47) 31.10.2018
(22) 30.07.2013

(54) A CATAPHORETIC AND ELECTROLYTIC ELECTRODEPOSITION SYSTEM FOR SMALL METAL PARTS
(73) O.M.I.G. S.r.l.
(72) Grassi, Luciano
(31) MI20121384
(32) 03.08.2012
(33) Italy
(51) C25D 21/12
C25D 21/14
C23C 18/16
(11) EP1979511
(21) EP07703047.6
(47) 31.10.2018
(87) EP2007000658
09.08.2007
(22) 26.01.2007

(54) METHOD FOR COATING SUBSTRATE SURFACES
(73) MacDermid Enthone Inc.
(72) HORSTHEMKE, Helmut
STARK, Franz-Josef
(31) 06002099
(32) 02.02.2006
(33) European Patent Office (EPO)
(51) C30B 13/12
C30B 29/06
(11) EP2679706
(21) EP11859432.4
(47) 31.10.2018
(87) JP2011001008
30.08.2012
(22) 23.02.2011

(54) METHOD FOR MANUFACTURING N-TYPE SILICON SINGLE CRYSTAL
(73) Shin-Etsu Handotai Co., Ltd.
(72) KODAMA, Yoshihiro
SATO, Kenichi
NAKAZAWA, Keiichi
(51) C30B 15/06
C30B 15/14
H01L 31/18
C30B 15/20
C30B 29/06
(11) EP3123523
(21) EP15770386.9
(47) 31.10.2018
(87) US2015020381
01.10.2015
(22) 13.03.2015

(54) SYSTEM AND METHOD FOR CRYSTALLINE SHEET GROWTH USING A COLD BLOCK AND GAS JET
(73) Varian Semiconductor Equipment Associates, Inc.
(72) KELLERMAN, Peter L.
MACKINTOSH, Brian
CARLSON, Frederick M.
MORRELL, David
MORADIAN, Ala
DESAI, Nandish
SUN, Dawei
SINCLAIR, Frank
(31) 201414226991
(32) 27.03.2014
(33) United States of America
(51) C30B 29/10
C04B 7/32
C01B 25/32
C01B 25/34
C01B 37/06
C01B 25/45
C04B 35/447
C04B 35/624
C04B 35/645
C30B 1/02
C30B 1/04
C30B 1/10
C30B 29/14
C30B 29/22
C04B 12/02
C04B 103/44
(11) EP3088574
(21) EP13900440.2
(47) 31.10.2018
(87) CN2013090570
02.07.2015
(22) 26.12.2013

(54) TERNARY INORGANIC COMPOUND CRYSTAL AND PREPARATION METHOD AND APPLICATION THEREOF
(73) Shenzhen University
(72) XING, Feng
ZHANG, Ning
DING, Zhu
LIU, Biao
HAN, Ningxu
WANG, Weilun
LI, Dawang
LONG, Wujian
DONG, Biqin
WANG, Xiaodong
(51) C40B 30/04
C40B 40/06
G01N 33/00
G01N 33/566
C12Q 1/68
(11) EP3108045
(21) EP15751799.6
(47) 31.10.2018
(87) US2015015979
27.08.2015
(22) 14.02.2015

(54) COMPOSITIONS AND METHODS FOR DETECTING MICROORGANISMS
(73) Somalogic, Inc.
(72) OCHSNER, Urs A.
JANJIC, Nebojsa
(31) 201461940955 P
201461947627 P
(32) 18.02.2014
04.03.2014
(33) United States of America
United States of America
(51) D01F 1/10
D01F 6/62
D01F 6/64
D01F 6/82
A61K 9/70
(11) EP2705182
(21) EP12718216.0
(47) 31.10.2018
(87) EP2012058036
08.11.2012
(22) 02.05.2012

(54) FIBER COMPRISING A BIODEGRADABLE POLYMER
(73) DSM IP Assets B.V.
(72) FRANKEN, Astrid
MIHOV, George
THIES, Jens Christoph
(31) 11164501
(32) 02.05.2011
(33) European Patent Office (EPO)

(51) D01F 6/62
D03D 1/02
D06M 11/77
D06M 15/564
D06M 15/21
D06M 15/693
B60R 21/235
D03D 15/00
D06M 15/263
D06M 15/643
D01D 5/12
(11) EP2518195
(21) EP10839710.0
(47) 31.10.2018
(87) KR2010008942
30.06.2011
(22) 14.12.2010
(54) POLYETHYLENE TEREPHTHALATE FIBER FOR AIR-BAGS AND TEXTILES MADE FROM SAME
(73) HYOSUNG ADVANCED MATERIALS CORPORATION
(72) JUNG, Il Won
YANG, Seung Cheol
YU, Je An
(31) 20090130817
20090132770
(32) 24.12.2009
29.12.2009
(33) Korea (Republic)
Korea (Republic)

(51) D01H 1/115
D02G 3/36
(11) EP2980284
(21) EP15002003.0
(47) 31.10.2018
(22) 03.07.2015
(54) METHOD FOR PRODUCING AN AIR SPUN YARN
(73) Saurer Spinning Solutions GmbH & Co. KG
(72) Seshayer, Chandru
Weide, Thomas
Werner, Roland
(31) 102014011210
(32) 29.07.2014
(33) Germany

(51) D01H 5/86
D03D 1/00
D03D 15/00
D01H 5/72
(11) EP2881500
(21) EP14195936.1
(47) 31.10.2018
(22) 02.12.2014
(54) Screen apron for fibre-condensing guides
(73) Maschinenfabrik Rieter AG
(72) Blankenhorn, Peter
(31) 102013113510
102014106745
(32) 05.12.2013
13.05.2014
(33) Germany
Germany

(51) D01H 7/86
D02G 3/38
(11) EP3246437
(21) EP16170505.8
(47) 31.10.2018
(22) 19.05.2016
(54) DEVICE FOR TURNING A FIBRILLATED RIBBON
(73) Tarkett Inc.
(72) Morton-Finger, Jürgen

(51) D02G 3/48
(11) EP2593597
(21) EP11739228.2
(47) 31.10.2018
(87) US2011044154
19.01.2012
(22) 15.07.2011
(54) COMPOSITE CORD HAVING A METAL CORE AND METHOD OF MAKING
(73) E. I. du Pont de Nemours and Company
(72) REBOUILLAT, Serge
ROZANT, Olivier
FLEURY, Frederic
(31) 364939 P
(32) 16.07.2010
(33) United States of America

(51) D03D 47/30
(11) EP3168346
(21) EP16188332.7
(47) 31.10.2018
(22) 12.09.2016
(54) AIR JET LOOM
(73) TSUDAKOMA KOGYO KABUSHIKI KAISHA
(72) HASEGAWA, Hiroaki
YAMA, Kazuya
(31) 2015220141
(32) 10.11.2015
(33) Japan

(51) D03J 1/00
D04H 13/02
D01D 5/42
B29L 31/48
A44B 18/00
B26D 3/10
D01D 10/04
B29K 21/00
B29C 55/08
(11) EP2994563
(21) EP14795313.7
(47) 31.10.2018
(87) US2014037088
13.11.2014
(22) 07.05.2014
(54) METHOD OF SEPARATING STRANDS ON A STRETCHING SURFACE
(73) 3M Innovative Properties Company
(72) ROTHWELL, Neal C.
BUGEJA, Peter J.
GILBERT, Thomas J.
BIEGLER, Kristopher K.
PELTIER, Mark A.
LUEPKE, Ryan M.
PERRON, Steven J.
DIEKMANN, Timothy J.
(31) 201313891287
(32) 10.05.2013
(33) United States of America

(51) D04H 1/4382
F41H 1/02
D03D 15/00
D03D 1/00
(11) EP2850236
(21) EP13790395.1
(47) 31.10.2018
(87) US2013038137
21.11.2013
(22) 25.04.2013
(54) HYBRID FIBER UNIDIRECTIONAL TAPE AND COMPOSITE LAMINATES
(73) Honeywell International Inc.
(72) ARVIDSON, Brian D.
BHATNAGAR, Ashok
HURST, David A.
RAMSDELL, Robert C.
WAGNER, Lori L.
(31) 201261648520 P
201313830733
(32) 17.05.2012
14.03.2013
(33) United States of America
United States of America

(51) D04H 1/498
D04H 3/016
D04H 3/018
D04H 3/11
(11) EP3108051
(21) EP15700856.6
(47) 31.10.2018
(87) EP2015050654
27.08.2015
(22) 15.01.2015
(54) MICROFIBER NONWOVEN COMPOSITE
(73) Carl Freudenberg KG
(72) GROTEN, Robert
EISENHUT, Andreas
RIBOULET, Georges
NEITHARDT, Wolfgang
DENGEL, Peter
(31) 102014002232
(32) 21.02.2014
(33) Germany

(51) D04H 1/732
B27N 1/02
B27N 3/04
D21B 1/06
D21B 1/08
D21H 17/20
D21F 9/00
D21F 11/00
(11) EP3098341
(21) EP14879658.4
(47) 31.10.2018
(87) JP2014004934
30.07.2015
(22) 26.09.2014
(54) PAPER MANUFACTURING APPARATUS, PAPER MANUFACTURING PROCESS AND PAPER MANUFACTURED BY SAME
(73) Seiko Epson Corporation
(72) GOMI, Katsuhito

NAKAMURA, Masahide
MURAYAMA, Yoshiaki
(31) 2014010155
(32) 23.01.2014
(33) Japan

(51) D04H 3/007
C08F 10/06
D04H 1/4291
(11) EP2671993
(21) EP12742149.3
(47) 31.10.2018
(87) JP2012052160
09.08.2012
(22) 31.01.2012
(54) NONWOVEN FABRIC AND TEXTILE PRODUCT
(73) Idemitsu Kosan Co., Ltd.
(72) KOORI, Yohei
TAKEBE, Tomoaki
MINAMI, Yutaka
(31) 2011020151
(32) 01.02.2011
(33) Japan

(51) D05B 1/00
D05B 73/00
(11) EP2947192
(21) EP14740133.5
(47) 31.10.2018
(87) KR2014000589
24.07.2014
(22) 21.01.2014
(54) PORTABLE MULTI-SEWING MACHINE
(73) Han, Tea-Hee
(72) Han, Tea-Hee

(51) D06B 3/24
D06B 3/28
D06B 23/00
D06B 3/36
(11) EP3081684
(21) EP15163624.8
(47) 31.10.2018
(22) 15.04.2015
(54) CONVEYOR DRIVE FABRIC DYEING MACHINE EQUIPPED WITH SEAM DETECTOR
(73) Chang, Chi-Lung
(72) Chang, Chi-Lung

(51) D06B 11/00
D06P 1/00
D06P 5/00
(11) EP2678467
(21) EP11802175.7
(47) 31.10.2018
(87) TR2011000227
30.08.2012
(22) 29.11.2011
(54) DYE METHOD IN APPLICATION OF THE ART OF MARBLING TO CARPETS
(73) Royal Hali Iplik Tekstil Mobilya Sanayi Veticaret Anonim Sirketi
(72) NAKIBOGLU, Taner
(31) 201101664
(32) 21.02.2011
(33) Turkey

(51) D06F 33/02
D06F 35/00
(11) EP3252200
(21) EP17173365.2
(47) 31.10.2018
(22) 30.05.2017
(54) CONTROL METHOD OF WASHING MACHINE
(73) LG Electronics Inc.
(72) KIM, Kyounglan
(31) 20160066792
(32) 30.05.2016
(33) Korea (Republic)

(51) D06F 37/10
D06F 37/28
D06F 39/14
D06F 58/20
(11) EP3119935
(21) EP15764928.6
(47) 31.10.2018
(87) KR2015002770
24.09.2015
(22) 20.03.2015
(54) LAUNDRY TREATING APPARATUS
(73) LG Electronics Inc.
(72) LEE, Changheon
KIM, Jaeseok
KANG, Incheol
PARK, Soowon
LEE, Hyuntae
HWANG, Inho
LEE, Hyeokjong
KIM, Kihyuk
(31) 20140033181
20140033179
20140033180
(32) 21.03.2014
21.03.2014
21.03.2014
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) D06F 37/20
D06F 37/22
(11) EP2557216
(21) EP11763087.1
(47) 31.10.2018
(87) KR2011002298
06.10.2011
(22) 01.04.2011
(54) WASHING MACHINE AND METHOD FOR CONTROLLING SAME
(73) LG Electronics Inc.
(72) KOO, Bon Kwon
CHAE, Kyo Soon
(31) 20100030022
(32) 01.04.2010
(33) Korea (Republic)

(51) D06F 39/02
(11) EP3241941
(21) EP17172366.1
(47) 31.10.2018
(22) 27.11.2014
(54) WASHING MACHINE
(73) LG Electronics Inc.
(72) JO, Mingyu
KIM, Dongwon
(31) 20130146013
20130146014
(32) 28.11.2013
28.11.2013
(33) Korea (Republic)
Korea (Republic)

(51) D06F 43/06
D06F 95/00
D06F 35/00
D06F 17/00
(11) EP2455530
(21) EP11009100.6
(47) 31.10.2018
(22) 16.11.2011
(54) Method and device for treating, in particular wet treating, articles of laundry
(73) Herbert Kannegiesser GmbH
(72) Bringewatt, Wilhelm
Heinz, Engelbert
(31) 102010051735
(32) 19.11.2010
(33) Germany

(51) D06F 58/02
F28D 1/04
F28F 1/32
D06F 58/20
D06F 58/24
D06F 58/26
D06F 58/28
D06F 25/00
F28D 1/047
(11) EP2143839
(21) EP08763925.8
(47) 31.10.2018
(87) JP2008001325
04.12.2008
(22) 28.05.2008
(54) CLOTH DRYER
(73) Panasonic Corporation
(72) TANIGUCHI, Mitsunori
NISIHATA, Hideo
ANDOU, Tosiaki
TANAKA, Masayuki
(31) 2007144804
2008109813
(32) 31.05.2007
21.04.2008
(33) Japan
Japan

(51) D06F 58/20
D06F 39/12
A47L 15/42
(11) EP2778275
(21) EP14158713.9
(47) 31.10.2018
(22) 11.03.2014
(54) Housing for household devices, for example, a laundry dryer, washing machine, dishwasher or the like
(73) Miele & Cie. KG
(72) Ewert, Andreas
Moll, Felix
Wiebe, Peter
Bayard, Christian
(31) 102013102509
(32) 13.03.2013
(33) Germany

(51) D06F 58/28
(11) EP1920103
(21) EP06763871.8
(47) 31.10.2018
(87) EP2006063529

01.02.2007
(22) 26.06.2006
(54) METHOD AND APPARATUS FOR DRYING A PIECE OF TEXTILE
(73) BSH Hausgeräte GmbH
(72) Volkers, Henrik
(31) 102005035653
(32) 29.07.2005
(33) Germany

(51) D06F 67/08
(11) EP3129542
(21) EP15720462.9
(47) 31.10.2018
(87) IB2015052430
15.10.2015
(22) 02.04.2015
(54) IRONER CHEST FOR AN IRONING DEVICE
(73) Werkhuizen Lapauw NV
(72) D'HEYGERE, Philippe
DENDONCKER, Charles-Edouard
BUYDAERT, Koen
(31) 201400232
(32) 07.04.2014
(33) Belgium

(51) D06M 13/148
D04H 1/00
D06M 13/402
D06M 13/46
D06M 15/333
D06M 15/643
D01F 1/10
D04H 1/4291
D04H 3/007
D06M 13/224
D06M 101/20
D06M 101/32
(11) EP3237675
(21) EP15816775.9
(47) 31.10.2018
(87) EP2015080797
30.06.2016
(22) 21.12.2015
(54) COMPOSITION FOR THE PERMANENT HYDROPHILIC FINISHING OF TEXTILE FIBRES AND TEXTILE PRODUCTS
(73) Schill + Seilacher GmbH
(72) WILD, Christine
WARNCKE, Wolfgang
MUNZAR, Michaela
(31) 102014119332
(32) 22.12.2014
(33) Germany

(51) D06M 23/08
D06M 23/12
A61K 8/02
A61L 15/44
A61M 35/00
A61K 9/70
A43B 1/00
A43B 17/00
A61K 8/55
A61Q 19/00
A61K 9/00
A61K 9/16
A61L 15/42
(11) EP2317984
(21) EP09797326.7
(47) 31.10.2018
(87) CA2009001012
21.01.2010
(22) 17.07.2009
(54) ARTICLES OF MANUFACTURE RELEASING AN ACTIVE INGREDIENT
(73) Biomod Concepts Inc.
(72) THEBERGE, Karine
GOUDREAULT, lsabelle
QUIRION, François
PERRON, Gérald
(31) 81911
(32) 18.07.2008
(33) United States of America

(51) D06N 3/00
A41D 19/00
C08J 9/32
C08J 9/36
(11) EP3023538
(21) EP15194804.9
(47) 31.10.2018
(22) 16.11.2015
(54) ANTI-PERSPIRANT GLOVE
(73) ATG Ceylon (Private) Limited
(72) TAYLOR, John Arthur
MENDIS, Agampodi Sunil Shantha
ABDEEN, Mohamed Fazal
GOTH, Howard William Thomas
(31) 201414546619
201507490
(32) 18.11.2014
30.04.2015
(33) United States of America
United Kingdom

(51) D06N 3/00
D06N 3/14
C08J 9/26
C09D 175/04
C08J 5/18
(11) EP3135809
(21) EP16184641.5
(47) 31.10.2018
(22) 18.08.2016
(54) POLYURETHANE SYNTHETIC LEATHER AND POLYURETHNE FILM COMPRISING SUCROSE AND METHOD FOR PREPARING THE SAME
(73) Dongwoo Energy & Material Co., Ltd
(72) Park, Eun Seo
Kim, Jong Jin
Min, Dong Jae
Shin, Dong Woo
(31) 20150122766
(32) 31.08.2015
(33) Korea (Republic)

(51) D06N 3/00
D06N 3/18
(11) EP3054048
(21) EP14847139.4
(47) 31.10.2018
(87) JP2014004868
02.04.2015
(22) 24.09.2014
(54) NAPPED ARTIFICIAL LEATHER AND MANUFACTURING METHOD THEREFOR
(73) Kuraray Co., Ltd.
(72) ASHIDA, Tetsuya
OGAWARA, Osamu
(31) 2013205266
(32) 30.09.2013
(33) Japan

(51) D07B 1/16
D07B 7/16
(11) EP1546449
(21) EP03791172.4
(47) 31.10.2018
(87) IS2003000025
11.03.2004
(22) 01.09.2003
(54) A HIGH-STRENGTH LIGHT-WEIGHT ROPE WITH A SHAPED CORE
(73) Hampidjan HF.
(72) ERLENDSSON, Hjortur
(31) 653602
(32) 30.08.2002
(33) Iceland

(51) D21B 1/32
D21D 5/24
(11) EP3260596
(21) EP16175911.3
(47) 31.10.2018
(22) 23.06.2016
(54) DEASHING SYSTEM AND DEASHING METHOD
(73) Valmet Technologies Oy
(72) AHOLA, Jussi

(51) D21C 3/00
D21C 3/02
D21C 3/04
D21C 3/22
D21C 9/10
D21C 11/08
B27N 3/00
(11) EP2931968
(21) EP13805310.3
(47) 31.10.2018
(87) EP2013075193
19.06.2014
(22) 02.12.2013
(54) USE OF SODIUM DITHIONITE IN A CELLULOSE PULPING PROCESS
(73) BASF SE
Technische Universität Dresden
(72) ERREN, Stefan
SCHÖNHABER, Dieter
SCHACHTL, Martin
FISCHER, Steffen
BAEURICH, Christian
(31) 12196636
(32) 12.12.2012
(33) European Patent Office (EPO)

(51) D21F 9/00
D21F 1/00
D21F 1/52
D21F 1/56
D21F 9/02
D21F 11/14
D21F 1/48
D21F 1/80
D21H 11/18
(11) EP2653609
(21) EP11849094.5
(47) 31.10.2018
(87) JP2011079192
21.06.2012

(22) 16.12.2011
(54) DEVICE FOR PRODUCING A FIBROUS SHEET
(73) Oji Holdings Corporation
(72) SHIRAO, Takeshi
TSUNODA, Mitsuru
SATO, Hiroki
KAWAMUKAI, Takashi
(31) 2010282381
(32) 17.12.2010
(33) Japan

(51) D21H 17/70
C01F 11/18
D21F 11/00
D21H 17/67
D21H 17/63
(11) EP2262948
(21) EP09712324.4
(47) 31.10.2018
(87) FI2009050138
27.08.2009
(22) 19.02.2009
(54) A METHOD FOR CRYSTALLIZING A FILLER IN CONNECTION WITH A FIBER WEB PROCESS, AND AN APPROACH SYSTEM FOR A FIBER WEB MACHINE
(73) Wetend Technologies Oy
UPM-Kymmene Corporation
(72) KUKKAMÄKI, Esko
MATULA, Jouni
SIPILÄ, Matti
(31) 20085166
(32) 22.02.2008
(33) Finland

(51) E01B 3/44
E01B 3/46
C04B 28/18
C04B 32/02
B28B 11/24
B28B 23/02
C04B 20/12
(11) EP2971353
(21) EP14778435.9
(47) 31.10.2018
(87) US2014024996
09.10.2014
(22) 12.03.2014
(54) COMPOSITE RAILROAD TIES AND METHOD OF PRODUCTION THEREOF
(73) Solidia Technologies, Inc.
(72) KRISHNAN, Jagadeesh
JAIN, Jitendra
RAVIKUMAR, Deepak
PATTEN, Devin
KUPPLER, John
SMITH, Kenneth
HU, Xudong
(31) 201361780738 P
(32) 13.03.2013
(33) United States of America

(51) E01B 9/30
E01B 9/68
E01B 9/02
E01B 9/22
E01B 9/40
E01B 9/42
(11) EP3047070
(21) EP14771851.4
(47) 31.10.2018
(87) EP2014069908
26.03.2015
(22) 18.09.2014
(54) ELECTRICALLY ISOLATING TIE-PLATE FOR FASTENING RAILS
(73) Vossloh-Werke GmbH
(72) BEDNARCZYK, Adrian
DOTTAI, Igor
GNACZYNSKI, Martin
(31) 102013110288
(32) 18.09.2013
(33) Germany

(51) E01B 31/04
(11) EP2980314
(21) EP15178454.3
(47) 31.10.2018
(22) 27.07.2015
(54) RAILWAY MAINTENANCE SYSTEMS, TOOLS, AND METHODS OF USE THEREOF
(73) Holland, L.P.
(72) Steck, Kelly
(31) 201462030163 P
201514809045
(32) 29.07.2014
24.07.2015
(33) United States of America
United States of America

(51) E01C 19/48
(11) EP2348158
(21) EP10015605.8
(47) 31.10.2018
(22) 14.12.2010
(54) Conveyor assembly for an asphalt paving machine
(73) Volvo Construction Equipment AB
(72) Lamb, Stanley
(31) 692888
(32) 25.01.2010
(33) United States of America

(51) E01C 23/06
E01C 23/088
(11) EP3250755
(21) EP16703594.8
(47) 31.10.2018
(87) FR2016050123
04.08.2016
(22) 21.01.2016
(54) MOBILE PLANING MACHINE AND PLANING METHOD FOR ROADWAYS WITH REDUCTION IN DUST BY A MOBILE PLANING MACHINE
(73) COLAS
(72) PELLEVOISIN, Philippe
(31) 1550651
(32) 28.01.2015
(33) France

(51) E01F 15/04
(11) EP2706145
(21) EP13183796.5
(47) 31.10.2018
(22) 10.09.2013
(54) Vehicle retention system
(73) voestalpine Krems Finaltechnik GmbH
(72) Mader, Christian
(31) 503732012
(32) 10.09.2012
(33) Austria

(51) E01H 1/04
A46B 13/00
A47L 5/14
(11) EP3194660
(21) EP15784460.6
(47) 31.10.2018
(87) IB2015001628
24.03.2016
(22) 15.09.2015
(54) CLEANING DEVICE
(73) Astrobot
(72) DE GEYTER, Nicolas
(31) 201400692
(32) 15.09.2014
(33) Belgium

(51) E02B 8/02
(11) EP3211136
(21) EP17153903.4
(47) 31.10.2018
(22) 31.01.2017
(54) WASTE SCREENING APPARATUS
(73) Essa corp.
(72) YOON, Young Nae
LEE, Youn Ho
CHOI, Young Ik
JUNG, Hee Jong
KIM, Mi Hwa
(31) 20160022646
(32) 25.02.2016
(33) Korea (Republic)

(51) E02B 15/04
(11) EP2585641
(21) EP11729361.3
(47) 31.10.2018
(87) DK2011050236
29.12.2011
(22) 24.06.2011
(54) A DEVICE AND A METHOD FOR REMOVING A LIQUID FROM A WATER SURFACE
(73) Green IQ
(72) FAGRAKLETT, Jóhann
HAMMER, Grettir
(31) 201070292
(32) 25.06.2010
(33) Denmark

(51) E02B 15/10
(11) EP2984238
(21) EP14729476.3
(47) 31.10.2018
(87) SE2014050455
16.10.2014
(22) 14.04.2014
(54) A SKIMMING AND SEPARATION DEVICE
(73) INOVACOR AB
(72) LUNDBÄCK, Stig
(31) 1350469
(32) 12.04.2013
(33) Sweden

(51) E02B 17/00
E02B 17/02
B63B 15/00
B66C 13/00
(11) EP3255211
(21) EP16173994.1

(47) 31.10.2018
(22) 10.06.2016
(54) JACK-UP BRIDGE STRUCTURE
(73) Neptun Ship Design GmbH
(72) Arndt, Harald

(51) E02B 17/02
E02B 17/00
E04H 12/08
F16L 19/065
F03D 13/25
(11) EP2910686
(21) EP15156618.9
(47) 31.10.2018
(22) 25.02.2015
(54) IN-LINE CONNECTION FOR AN OFFSHORE ONSTRUCTION; OFFSHORE CONSTRUCTION; METHOD FOR INSTALLING
(73) KCI the engineers B.V.
(72) van Gelder, Klaas Boudewijn
(31) 1040683
(32) 25.02.2014
(33) Netherlands

(51) E02F 3/24
E02F 7/02
(11) EP2082098
(21) EP07816251.8
(47) 31.10.2018
(87) CH2007000568
29.05.2008
(22) 13.11.2007
(54) EXCAVATION DEVICE
(73) Sersa Maschineller Gleisbau AG
(72) JÄGER, Heinz
(31) 18862006
(32) 23.11.2006
(33) Switzerland

(51) E02F 3/42
E02F 9/22
F15B 11/00
E02F 3/96
F15B 11/20
F15B 11/16
B60K 25/06
(11) EP3101180
(21) EP16173147.6
(47) 31.10.2018
(22) 06.06.2016
(54) HYDRAULIC ACTUATION SYSTEM FOR WORK MACHINE
(73) CNH Industrial Italia S.p.A.
(72) ANDERSON, Charles D.
SANNING, David J.
(31) 201514731992
(32) 05.06.2015
(33) United States of America

(51) E02F 3/43
E02F 9/20
E02F 9/22
F15B 13/042
E02F 3/28
(11) EP3114284
(21) EP15707616.7
(47) 31.10.2018
(87) EP2015054252
11.09.2015
(22) 02.03.2015
(54) WORKING MACHINE WITH RETURN-TO-DIG FUNCTIONALITY
(73) CNH Industrial Italia S.p.A.
(72) GARRAMONE, Adriano
GRAVILI, Andrea
NEGRI, Gianpiero
RAZETTO, Giuseppina
CIARROCCHI, Marco Pietro
(31) MO20140050
(32) 03.03.2014
(33) Italy

(51) E02F 3/43
E02F 9/22
F15B 11/00
(11) EP3239408
(21) EP17177362.5
(47) 31.10.2018
(22) 25.03.2010
(54) CONTROL METHOD AND CONTROL APPARATUS FOR WORK VEHICLE
(73) Komatsu Ltd.
(72) SAITO, Yoshiaki
(31) 2009076570
(32) 26.03.2009
(33) Japan

(51) E02F 9/00
B60K 1/04
B60K 11/06
E02F 9/08
E02F 9/20
B60K 1/00
(11) EP2584100
(21) EP11795526.0
(47) 31.10.2018
(87) JP2011061905
22.12.2011
(22) 24.05.2011
(54) ELECTRIC CONSTRUCTION MACHINE
(73) Hitachi Construction Machinery Tierra Co., Ltd.
(72) NOGUCHI Akira
YUNOUE Masayuki
(31) 2010136361
(32) 15.06.2010
(33) Japan

(51) E02F 9/08
E02F 9/22
(11) EP3214228
(21) EP17156815.7
(47) 31.10.2018
(22) 20.02.2017
(54) VALVE ARRANGEMENT STRUCTURE OF CONSTRUCTION MACHINE
(73) KOBELCO CONSTRUCTION MACHINERY CO., LTD.
(72) OKURA, Hideyuki
YONEDA, Masafumi
(31) 2016038664
(32) 01.03.2016
(33) Japan

(51) E02F 9/08
E02F 9/22
F16L 3/01
E02F 3/32
H02G 11/00
B60R 16/00
H02G 3/32
(11) EP2813624
(21) EP14171462.6
(47) 31.10.2018
(22) 06.06.2014
(54) Cable and hose support and guide for construction machine
(73) Kobelco Construction Machinery Co., Ltd.
(72) Okunishi, Takayuki
Uesugi, Kazuhiro
(31) 2013125877
(32) 14.06.2013
(33) Japan

(51) E02F 9/20
E02F 9/22
H02P 27/06
E02F 9/12
H02P 29/02
(11) EP2682532
(21) EP12752766.1
(47) 31.10.2018
(87) JP2012054814
07.09.2012
(22) 27.02.2012
(54) HYBRID-TYPE CONSTRUCTION MACHINE
(73) Hitachi Construction Machinery Co., Ltd.
(72) IZUMI Shiho
EDAMURA Manabu
SHIBATA Kouichi
SUGIURA Manabu
OOKI Takatoshi
(31) 2011044251
(32) 01.03.2011
(33) Japan

(51) E02F 9/22
(11) EP2385176
(21) EP11164472.0
(47) 31.10.2018
(22) 02.05.2011
(54) Prime mover revolution speed control system for hydraulic construction machine
(73) Hitachi Construction Machinery Co., Ltd.
(72) Kanehama, Mitsuhiko
Sato, Kensuke
Okano, Yasuo
Azuma, Hiroyuki
Nakamura, Tsuyoshi
(31) 2010106519
(32) 06.05.2010
(33) Japan

(51) E02F 9/22
F15B 11/042
(11) EP3202986
(21) EP17153464.7
(47) 31.10.2018
(22) 27.01.2017
(54) HYDRAULIC DRIVE SYSTEM FOR WORKING MACHINE
(73) Kobelco Construction Machinery Co., Ltd.
(72) Ueda, Koji
(31) 2016020671
(32) 05.02.2016
(33) Japan

(51) E02F 9/28
(11) EP3011114
(21) EP14813581.7
(47) 31.10.2018
(87) US2014041542
24.12.2014

(22) 09.06.2014
(54) TOOL RETENTION SYSTEM
(73) Caterpillar Inc.
(72) CAMPOMANES, Patrick, S.
(31) 201313920539
(32) 18.06.2013
(33) United States of America

(51) E02F 9/28
E02F 3/40
E02F 3/60
(11) EP2855785
(21) EP13796346.8
(47) 31.10.2018
(87) US2013043428
05.12.2013
(22) 30.05.2013
(54) LIP FOR EXCAVATING BUCKET
(73) ESCO Group LLC
(72) OLLINGER, Charles, G., IV
HANKLAND, Joel
STANGELAND, Kevin, S.
(31) 201261654501 P
(32) 01.06.2012
(33) United States of America

(51) E03B 7/04
F16K 31/00
F24D 17/00
(11) EP2233648
(21) EP10002381.1
(47) 31.10.2018
(22) 08.03.2010
(54) Drinking and domestic water system
(73) Gebr. Kemper GmbH + Co. KG Metallwerke
(72) Blumenthal, Roland
Heß, Markus
(31) 202009003135 U
(32) 09.03.2009
(33) Germany

(51) E03D 5/02
(11) EP2796626
(21) EP13164885.9
(47) 31.10.2018
(22) 23.04.2013
(54) Device for fluidly activating a drain valve
(73) Geberit International AG
(72) Oberholzer, Marco

(51) E03D 5/02
E03D 1/012
(11) EP2775049
(21) EP14398001.9
(47) 31.10.2018
(22) 07.03.2014
(54) Control plate assembly of a flushing tank
(73) OLI - SISTEMAS SANITARIOS, S.A.
(72) Santos Pereira, Bruno
Moreira de Jesus Matos, Ivo Emanuel
Amaro Teles, João Manuel
(31) MI20130359
(32) 08.03.2013
(33) Italy

(51) E03F 3/04
E01C 11/22
(11) EP2778305
(21) EP14158659.4
(47) 31.10.2018
(22) 10.03.2014
(54) Sharp-edged drainage channel
(73) Blücher Metal A/S
(72) Johansen, Per Thanning
(31) 201370143
(32) 11.03.2013
(33) Denmark

(51) E03F 9/00
E02B 7/40
E02B 8/02
(11) EP2395163
(21) EP10738626.0
(47) 31.10.2018
(87) JP2010051734
12.08.2010
(22) 02.02.2010
(54) Device producing a flushing surge
(73) Nippon KOEI Co., Ltd.
Tokyo Metropolitan Sewerage Service Corporation
Kansei Company
(72) KOMATSU, Hiroshi
ITO, Motonobu
YAMANOUCHI, Kazuhiro
HASEGAWA, Kenji
ITO, Iwao
(31) 2009023192
(32) 04.02.2009
(33) Japan

(51) E04B 1/58
E04B 2/60
E04B 2/78
F16B 7/00
F16B 7/04
E04B 1/24
E04B 1/38
(11) EP3105384
(21) EP15748609.3
(47) 31.10.2018
(87) US2015014914
20.08.2015
(22) 06.02.2015
(54) STRUCTURAL ATTACHMENT SYSTEM
(73) Marple, Travis
(72) Marple, Travis
(31) 201461939085 P
(32) 12.02.2014
(33) United States of America

(51) E04B 2/72
B66B 11/02
E04C 2/08
(11) EP2961896
(21) EP13876531.8
(47) 31.10.2018
(87) US2013027796
04.09.2014
(22) 26.02.2013
(54) WALL WITH STIFFENER INTEGRALLY FORMED THEREIN
(73) Otis Elevator Company
(72) YU, Zheng

(51) E04C 2/296
E04F 13/08
E04F 13/12
E04B 1/76
E04F 13/073
E04B 1/94
(11) EP2850258
(21) EP13730393.9
(47) 31.10.2018
(87) US2013042797
12.12.2013
(22) 28.05.2013
(54) FOAM WALL INSULATION SYSTEM
(73) Dow Global Technologies LLC
(72) SAGNARD, Alain
MASSUEGER, Lars
(31) 201261656541 P
(32) 07.06.2012
(33) United States of America

(51) E04D 13/158
E04D 13/147
(11) EP2340340
(21) EP09785061.4
(47) 31.10.2018
(87) GB2009002137
11.03.2010
(22) 07.09.2009
(54) A ROOF COMPRISING A ROOF EDGING DEVICE
(73) Makin, Stephen John
(72) Makin, Stephen John
(31) 0816261
(32) 06.09.2008
(33) United Kingdom

(51) E04F 13/08
(11) EP2927390
(21) EP15151157.3
(47) 31.10.2018
(22) 14.01.2015
(54) Façade holding device
(73) BWM Dübel + Montagetechnik GmbH
(72) Reinwarth, Klaus
Reinwarth, Klaus-Peter
(31) 102014203819
(32) 03.03.2014
(33) Germany

(51) E04F 13/12
E04C 2/52
F28D 15/06
F28D 21/00
F24D 3/12
F24D 3/14
F28D 15/02
E04C 2/04
(11) EP3204696
(21) EP15775276.7
(47) 31.10.2018
(87) PL2015000139
03.03.2016
(22) 26.08.2015
(54) METHOD OF CONSTRUCTION OF A WALL HEATING PANEL AND A WALL HEATING PANEL
(73) Wójcik, Janusz
Wójcik, Marek
Wójcik, Pwel
(72) Wójcik, Janusz
Wójcik, Marek
Wójcik, Pwel
(31) 40929614
(32) 28.08.2014
(33) Poland

(51) E04F 15/00
(11) EP2820202
(21) EP13707792.1
(47) 31.10.2018
(87) US2013027675

29.08.2013
(22) 25.02.2013
(54) FLOATING FLOOR SYSTEM, FLOOR PANEL, AND INSTALLATION METHOD FOR THE SAME
(73) Armstrong World Industries, Inc.
(72) RAMACHANDRA, Sunil
(31) 201261602389 P
201261613017 P
(32) 23.02.2012
20.03.2012
(33) United States of America
United States of America

(51) E04F 15/02
E04F 15/04
(11) EP2554762
(21) EP12190659.8
(47) 31.10.2018
(22) 24.09.2007
(54) A set of floor panels provided with a locking system comprising a separate flexible tongue
(73) Välinge Innovation AB
(72) Pervan, Darko
Bergelin, Marcus
Pålsson, Agne
(31) 0602645
869181 P
(32) 08.12.2006
08.12.2006
(33) Sweden
United States of America

(51) E04F 15/02
E04F 15/04
(11) EP2599933
(21) EP13157194.5
(47) 31.10.2018
(22) 24.09.2007
(54) Mechanical locking of floor panels
(73) Välinge Innovation AB
(72) Pervan, Darko
Bergelin, Marcus
Palsson, Agne
(31) 0602645
869181 P
(32) 08.12.2006
08.12.2006
(33) Sweden
United States of America

(51) E04F 15/06
(11) EP3177783
(21) EP15748175.5
(47) 31.10.2018
(87) EP2015001591
11.02.2016
(22) 03.08.2015
(54) COVER APPARATUS WITH CONTINUING COVER PLATES
(73) Boettcher, Maximilian
(72) Boettcher, Maximilian
(31) 202014006376 U
(32) 06.08.2014
(33) Germany

(51) E04F 19/06
(11) EP2659072
(21) EP11810552.7
(47) 31.10.2018
(87) AT2011050040
05.07.2012
(22) 14.12.2011
(54) MASKING DEVICE FOR FLOOR COVERINGS
(73) Neuhofer, Franz Jun.
(72) Neuhofer, Franz Jun.
(31) 21412010
(32) 27.12.2010
(33) Austria

(51) E04H 3/30
A47C 1/12
(11) EP3112559
(21) EP16176295.0
(47) 31.10.2018
(22) 24.06.2016
(54) THEATER SEATING
(73) IPIC-Gold Class Entertainment, LLC
(72) HASHEMI, Abdol Hamid
(31) 201514753358
(32) 29.06.2015
(33) United States of America

(51) E04H 15/00
D03D 1/00
D03D 3/00
D03D 15/00
(11) EP2395139
(21) EP10738411.7
(47) 31.10.2018
(87) JP2010050632
12.08.2010
(22) 20.01.2010
(54) REINFORCING TAPE, CLOTH PRODUCED BY SEWING SAID REINFORCING TAPE, AND WEB STRUCTURE UTILIZING SAID REINFORCING TAPE
(73) finetrack
(72) KANAYAMA,Yotaro
(31) 2009026284
2010008351
(32) 06.02.2009
18.01.2010
(33) Japan
Japan

(51) E04H 15/56
E04F 15/024
E04B 5/02
(11) EP2407614
(21) EP11173612.0
(47) 31.10.2018
(22) 12.07.2011
(54) Base structure for a tent and tent with such a base structure
(73) Haltec Hallensysteme GmbH
(31) 102010032025
(32) 14.07.2010
(33) Germany

(51) E05B 3/08
E05B 15/04
(11) EP2503080
(21) EP12160476.3
(47) 31.10.2018
(22) 21.03.2012
(54) Spring clamp nut
(73) Rohrbacher Schlosswarenfabrik Wilh. Grundmann Gesellschaft m.b.H.
(72) Berger, Gerhard
Kahrer, Jürgen
(31) 16411 U
(32) 21.03.2011
(33) Austria

(51) E05B 15/16
E05B 17/20
E05B 9/04
E05B 27/00
(11) EP2826935
(21) EP14075047.2
(47) 31.10.2018
(22) 11.07.2014
(54) LOCKING SYSTEM
(73) ASSA ABLOY Sicherheitstechnik GmbH
(72) Matschke, Steffen
Günther, Dieter
(31) 102013012464
(32) 19.07.2013
(33) Germany

(51) E05B 27/00
E05B 19/00
E05B 15/16
(11) EP3097243
(21) EP15734733.7
(47) 31.10.2018
(87) IT2015000104
13.10.2016
(22) 09.04.2015
(54) CYLINDER LOCK AND KEY IN COMBINATION WITH THE CYLINDER LOCK
(73) Cisa S.p.a.
(72) FABBRI, Matteo
FUSTINI, Fausto

(51) E05B 47/00
(11) EP3234287
(21) EP17702379.3
(47) 31.10.2018
(87) EP2017052106
10.08.2017
(22) 01.02.2017
(54) IMPACT-RESISTANT DOOR OPENER
(73) Assa Abloy Sicherheitstechnik GmbH
(72) HIRSCHOFF, Oliver
TOMA, Augustin
FAILER, Gisbert
GRESSER, Dieter
SCHMID, Ralf
(31) 102016101742
202016100806 U
202016103567 U
(32) 01.02.2016
17.02.2016
04.07.2016
(33) Germany
Germany
Germany

(51) E05B 47/00
E05B 45/06
E05B 47/06
G08B 25/00
(11) EP2636822
(21) EP12183956.7
(47) 31.10.2018
(22) 11.09.2012
(54) Lock mechanism
(73) Moose Junction Limited
(72) Ogden, David
Powell, Simon
(31) 201204033

(32) 07.03.2012
(33) United Kingdom

(51) E05B 47/00
E05B 47/02
E05B 63/00
E05B 65/10
(11) EP3242985
(21) EP15797296.9
(47) 31.10.2018
(87) EP2015076826
14.07.2016
(22) 17.11.2015
(54) MOTOR LOCK
(73) GEZE GmbH
(72) ROECKLE, Juergen
SCHUNN, Stephan
(31) 102015200117
(32) 08.01.2015
(33) Germany

(51) E05B 47/02
E05B 15/04
E05B 47/00
(11) EP2343424
(21) EP10015911.0
(47) 31.10.2018
(22) 21.12.2010
(54) LOCKING DEVICE FOR A COMPONENT CLOSING AN OPENING
(73) K.A. Schmersal Holding GmbH & Co. KG
(72) Eisold, Jörg
(31) 102009060532
(32) 23.12.2009
(33) Germany

(51) E05B 47/06
(11) EP2674553
(21) EP13170351.4
(47) 31.10.2018
(22) 04.06.2013
(54) LOCKING CYLINDER
(73) Aug. Winkhaus GmbH & Co. KG
(72) Schulze Sievert, Christoph
(31) 102012210060
(32) 14.06.2012
(33) Germany

(51) E05B 57/00
E05B 65/10
E05C 1/08
E05C 3/12
E05C 9/08
(11) EP2884030
(21) EP14197699.3
(47) 31.10.2018
(22) 12.12.2014
(54) System for locking and unlocking a door leaf
(73) JPM SAS
(72) Coltel, Gilles
Berger, Pascal
Minet, Pascal
(31) 1362623
(32) 13.12.2013
(33) France

(51) E05B 59/00
E05B 63/20
E05C 9/02
E05B 15/00
E05B 63/04
E05B 63/16
E05B 1/00
E05B 13/00
(11) EP2860332
(21) EP14185348.1
(47) 31.10.2018
(22) 18.09.2014
(54) Self-locking lock actuated by a lever handle
(73) KFV Karl Fliether GmbH & Co. KG
(72) Wermbter, Günter
Kolinski, Ralf
(31) 202013009023 U
(32) 11.10.2013
(33) Germany

(51) E05B 59/00
E05B 65/10
E05B 17/20
E05B 63/16
E05C 9/02
E05C 9/18
(11) EP2322744
(21) EP09176211.2
(47) 31.10.2018
(22) 17.11.2009
(54) Lock, rotatable clasp lock and locking system, in particular for multi-point locking for a door or window
(73) Glutz AG
(72) Ungewiss, Steffen
Kohl, Albert

(51) E05B 77/10
E05B 81/90
E05B 53/00
(11) EP3119967
(21) EP15720782.0
(47) 31.10.2018
(87) IB2015052047
24.09.2015
(22) 20.03.2015
(54) EMERGENCY OPENING SYSTEM FOR VEHICLE LOCKS
(73) Egg Innovation S.r.l.s.
(72) BALOCCO, Edoardo
BUSO, Giancarlo
COLOMBANO, Gian Paolo
(31) VC20140001
(32) 20.03.2014
(33) Italy

(51) E05B 79/06
(11) EP3214240
(21) EP17000228.1
(47) 31.10.2018
(22) 14.02.2017
(54) MOTOR VEHICLE DOOR HANDLE ASSEMBLY HAVING A SECURING ELEMENT WITH A LIMIT STOP
(73) Huf Hülsbeck & Fürst GmbH & Co. KG
(72) Hansen, Jeffrey Kenneth
Kaya, Suat
(31) 201662301883 P
(32) 01.03.2016
(33) United States of America

(51) E05B 81/56
B60R 16/03
H03K 17/22
E05B 83/16
(11) EP3184717
(21) EP16206818.3
(47) 31.10.2018
(22) 23.12.2016
(54) CONTROL CIRCUIT FOR A LOCK OF A VEHICLE
(73) Iveco S.p.A.
(72) CONSIGLIO, Salvatore
GAGLIARDI, Michele
(31) UB20159430
(32) 23.12.2015
(33) Italy

(51) E05B 85/10
E05B 85/16
E05B 81/76
(11) EP3147436
(21) EP16190971.8
(47) 31.10.2018
(22) 28.09.2016
(54) OUTSIDE HANDLE DEVICE FOR VEHICLE
(73) AISIN SEIKI KABUSHIKI KAISHA
(72) YOSHINO, Masaki
(31) 2015189481
(32) 28.09.2015
(33) Japan

(51) E05C 5/02
E05C 1/04
E05B 15/02
(11) EP3052725
(21) EP13895023.3
(47) 31.10.2018
(87) US2013063602
09.04.2015
(22) 05.10.2013
(54) ADJUSTABLE DOOR LOCK AND ASSOCIATED METHOD
(73) Stile, Jason L.
(72) Stile, Jason L.

(51) E05C 9/18
E05C 9/22
(11) EP3246499
(21) EP17169398.9
(47) 31.10.2018
(22) 04.05.2017
(54) FITTING PART INTENDED FOR ASSEMBLY IN A FITTING GROOVE COMPRISING AN UNDERCUT
(73) Aug. Winkhaus GmbH & Co. KG
(72) Kushtilov, Boyko
(31) 102016208473
(32) 18.05.2016
(33) Germany

(51) E05C 9/22
E05C 9/00
(11) EP2607583
(21) EP12195499.4
(47) 31.10.2018
(22) 04.12.2012
(54) FITTING PART FOR AN ESPAGNOLETTE FITTING
(73) Aug. Winkhaus GmbH & Co. KG
(72) Schewe, Florian
Kaup, Ludger
(31) 102011089137
(32) 20.12.2011
(33) Germany

(51) E05C 19/16
H01F 7/18
E05C 17/56

H01H 47/22
E05B 47/00
(11) EP2899343
(21) EP15152125.9
(47) 31.10.2018
(22) 22.01.2015
(54) Anti-remanence device for electromagnetic lock
(73) CDVI Digit
(72) Benhammou, Jacob
(31) 1400153
1400578
(32) 24.01.2014
10.03.2014
(33) France
France

(51) E05F 3/12
(11) EP2960416
(21) EP15173239.3
(47) 31.10.2018
(22) 23.06.2015
(54) CONTROL VALVE
(73) GEZE GmbH
(72) Wörner, Benjamin
(31) 102014212110
(32) 24.06.2014
(33) Germany

(51) E05F 5/00
E05D 3/16
E05D 3/06
(11) EP2746510
(21) EP13005193.1
(47) 31.10.2018
(22) 04.11.2013
(54) HINGE
(73) Grass GmbH & Co. KG
(72) Staude, Martin
Krüdener, Boris
Herper, Markus
(31) 202012012211 U
(32) 20.12.2012
(33) Germany

(51) E05F 5/12
E05F 3/12
E05F 3/22
(11) EP2886770
(21) EP14193612.0
(47) 31.10.2018
(22) 18.11.2014
(54) Device for regulating the closing sequence of a two-leaf door
(73) GEZE GmbH
(72) Schneider, Wolfgang
(31) 102013021040
(32) 17.12.2013
(33) Germany

(51) E06B 1/70
E06B 3/96
(11) EP2202378
(21) EP09180710.7
(47) 31.10.2018
(22) 23.12.2009
(54) Retro-fittable sill for liftable sliding window and method of assembly
(73) HAUTAU GmbH
(72) Muegge, Dirk
(31) 102008063303
(32) 29.12.2008
(33) Germany

(51) E06B 3/22
E06B 3/263
E06B 3/30
E06B 7/14
(11) EP2820218
(21) EP13704365.9
(47) 31.10.2018
(87) EP2013000429
06.09.2013
(22) 14.02.2013
(54) METHOD FOR PRODUCING A HOLLOW-CHAMBER PROFILE
(73) REHAU AG + Co
(72) WAGNER, Torsten
TIPPENHAUER, Horst
(31) 102012101668
(32) 29.02.2012
(33) Germany

(51) E06B 3/30
E06B 3/12
E06B 3/96
(11) EP3296499
(21) EP17191701.6
(47) 31.10.2018
(22) 18.09.2017
(54) HIDDEN WINDOW FRAME AND METHOD OF MANUFACTURING THE SAME
(73) G.M.I - Groupe Millet Industrie
(72) BOURY, Sébastien
GUERET, Frédéric
(31) 1658760
(32) 19.09.2016
(33) France

(51) E06B 3/54
(11) EP2604783
(21) EP12196210.4
(47) 31.10.2018
(22) 10.12.2012
(54) Window leaf profile with spring element for the mounting of glazing bridges
(73) SCHÜCO International KG
(72) Hanke, Carsten
Trapp, Jörg
(31) 102011056301
(32) 12.12.2011
(33) Germany

(51) E06B 3/54
E04F 11/18
E06B 3/58
(11) EP3199738
(21) EP16205046.2
(47) 31.10.2018
(22) 19.12.2016
(54) GLASS RAILING HOLDER ASSEMBLY AND WEDGE PROFILE SECTION FOR USE IN SUCH AN ASSEMBLY
(73) EnergieTec AG
(72) Jetzer, Peter
(31) 202015106963 U
(32) 21.12.2015
(33) Germany

(51) E06B 3/96
E06B 3/964
E06B 3/972
E06B 3/98
E06B 3/968
F16B 7/04
(11) EP3315709
(21) EP17184634.8
(47) 31.10.2018
(22) 03.08.2017
(54) FRAME PROFILE
(73) Achte display system GmbH
(72) Nauen, Christoph
(31) 102016120361
(32) 25.10.2016
(33) Germany

(51) E06B 7/26
E06B 7/23
(11) EP3181796
(21) EP16204866.4
(47) 31.10.2018
(22) 16.12.2016
(54) GAP SEALING ELEMENT FOR SLIDING DOORS, AND GAP SEALING ASSEMBLY
(73) Kolaßa, Dietmar
(72) Kolaßa, Dietmar
(31) 202015106874 U
(32) 16.12.2015
(33) Germany

(51) E06B 9/06
E06B 5/12
E06B 9/13
E06B 9/17
(11) EP3158155
(21) EP15728891.1
(47) 31.10.2018
(87) EP2015063544
23.12.2015
(22) 17.06.2015
(54) CONTAINMENT DEVICE COMPRISING A DRY CURTAIN
(73) ArianeGroup SAS
(72) DERODE, Thibault
(31) 1455550
(32) 17.06.2014
(33) France

(51) E06B 9/15
E06B 9/17
(11) EP3019685
(21) EP14737219.7
(47) 31.10.2018
(87) EP2014064456
15.01.2015
(22) 07.07.2014
(54) SLAT FOR ROLL UP DOORS AND ROLL UP DOOR
(73) Portes Bisbal S.L.
(72) MIR DARNACULLETA, Angel
(31) 201331033
(32) 08.07.2013
(33) Spain

(51) E06B 9/322
E06B 9/88
(11) EP3221543
(21) EP14835608.2
(47) 31.10.2018
(87) US2014072337
26.05.2016
(22) 24.12.2014
(54) WINDOW SHADE AND ACTUATING SYSTEM THEREOF
(73) Teh Yor Co., Ltd.

(72) HUANG, Chin-Tien
YU, Fu-Lai
(31) 103139810
(32) 17.11.2014
(33) Taiwan, Province of China

(51) E06B 9/58
E06B 9/88
E06B 9/68
(11) EP3244001
(21) EP16169210.8
(47) 31.10.2018
(22) 11.05.2016
(54) GATE WITH FRICTIONAL CLAMPING PART AND A METHOD FOR INSTALLING THIS GATE
(73) Novoferm Nederland B.V.

(51) E06B 9/62
(11) EP2785946
(21) EP12797696.7
(47) 31.10.2018
(87) EP2012004697
06.06.2013
(22) 12.11.2012
(54) WEIGHT COMPENSATION DEVICE OF A LIFTING DOOR WITH AT LEAST ONE COMPRESSION SPRING
(73) Rejc, Gabrijel
(72) Rejc, Gabrijel
(31) 102011119895
(32) 29.11.2011
(33) Germany

(51) E21B 17/02
B23P 11/00
H01R 13/02
E21B 17/20
E21B 17/00
(11) EP2334891
(21) EP09839017.2
(47) 31.10.2018
(87) US2009056917
29.07.2010
(22) 15.09.2009
(54) WIRED DRILL PIPE HAVING CONDUCTIVE END CONNECTIONS
(73) Intelliserv International Holding, Ltd
(72) MADHAVAN, Raghu
Ll, Qiming
(31) 237488
(32) 25.09.2008
(33) United States of America

(51) E21B 17/042
(11) EP2682658
(21) EP12752067.4
(47) 31.10.2018
(87) JP2012055292
07.09.2012
(22) 24.02.2012
(54) THREADED COUPLING FOR PIPE
(73) JFE Steel Corporation
(72) KAWAI, Takamasa
TAKAHASHI, Kazunari
CHIKATSUNE, Hiroshi
YOSHIKAWA, Masaki
TAKANO, Jun
NAGAHAMA, Takuya
UETA, Masaki
SONOBE, Osamu
(31) 2011042602
2012025825
(32) 28.02.2011
09.02.2012
(33) Japan
Japan

(51) E21B 19/16
(11) EP3227521
(21) EP15817598.4
(47) 31.10.2018
(87) NO2015050232
09.06.2016
(22) 01.12.2015
(54) GRIPPER WITH SPINNING MEANS
(73) Canrig Robotic Technologies AS
(72) SØYLAND, Svein
NÆSGAARD, Kjetil
(31) 20141449
(32) 02.12.2014
(33) Norway

(51) E21B 29/00
E21B 29/10
E21B 43/11
(11) EP3153655
(21) EP16196900.1
(47) 31.10.2018
(22) 15.03.2011
(54) SECTION MILL AND METHOD FOR ABANDONING A WELLBORE
(73) Weatherford Technology Holdings, LLC
(72) BAILEY, Thomas
BRUNNERT, David J.
BANSAL, Ram K.
ANTOINE, Andrew
SEGURA, Richard
(31) 313956 P
383627 P
(32) 15.03.2010
16.09.2010
(33) United States of America
United States of America

(51) E21B 33/06
(11) EP2443313
(21) EP10735316.1
(47) 31.10.2018
(87) GB2010051024
23.12.2010
(22) 21.06.2010
(54) BLOWOUT PREVENTER
(73) National Oilwell Varco, L.P.
(72) VAN WINKLE, Denzal Wayne
(31) 488130
(32) 19.06.2009
(33) United States of America

(51) E21B 33/064
E21B 33/035
E21B 33/06
(11) EP2917461
(21) EP13853834.3
(47) 31.10.2018
(87) US2013069002
15.05.2014
(22) 07.11.2013
(54) SUBSEA ENERGY STORAGE FOR BLOW OUT PREVENTERS (BOP)
(73) Aspin Kemp & Associates Holding Corp.
Transocean Sedco Forex Ventures Limited
(72) BOURGEAU, Edward P.
ASPIN, Jason
(31) 201261723591 P
(32) 07.11.2012
(33) United States of America

(51) E21B 34/06
E21B 34/14
(11) EP3196405
(21) EP17159563.0
(47) 31.10.2018
(22) 03.08.2012
(54) SELECTIVELY DEGRADABLE PASSAGE RESTRICTION
(73) Baker Hughes, a GE company, LLC
(72) McCOY, Matthew T.
SOLFRONK, Matthew D.
FARMER, Jack D.
BURTON, William A.
KING, James G.
BARNARD, Jason J.
O'MALLEY, Edward J.
(31) 201113211817
(32) 17.08.2011
(33) United States of America

(51) E21B 34/08
E21B 21/10
E21B 7/128
(11) EP3122988
(21) EP15715433.7
(47) 31.10.2018
(87) IB2015051839
01.10.2015
(22) 13.03.2015
(54) METHOD OF ASSEMBLY OF A STRING OF ELEMENTS FOR DEEPWATER DRILLING AND ULTRADEEP, OBSTRUCTION ELEMENT AND CORRESPONDING USE OF THE SAME IN THE SAID DRILLING STRING
(73) Drillmec S.p.A.
(72) CALDERONI, Angelo
(31) TO20140249
(32) 26.03.2014
(33) Italy

(51) E21B 34/10
(11) EP2032798
(21) EP07796359.3
(47) 31.10.2018
(87) US2007014558
03.01.2008
(22) 22.06.2007
(54) WIRELINE SLIP HANGING BYPASS ASSEMBLY AND METHOD
(73) BJ Services Company, U.S.A.
(72) MAILAND, Jason, C.
WEST, Lonnie, Christopher
SARAN, Adrian, V.
BAHR, Glenn, A.
HILL, Thomas, G., Jr.
(31) 805651 P
(32) 23.06.2006
(33) United States of America

(51) E21B 34/10
(11) EP2447466
(21) EP10192151.8
(47) 31.10.2018
(22) 23.11.2010
(54) Downhole flow device with erosion resistant and pressure assisted metal seal
(73) Weatherford Technology Holdings, LLC

(72) Ward, Ryan
Williams, Ron
Smith, Roddie R.
(31) 912295
(32) 26.10.2010
(33) United States of America

(51) E21B 41/00
E21B 43/16
(11) EP2622174
(21) EP11771054.1
(47) 31.10.2018
(87) EP2011066919
05.04.2012
(22) 28.09.2011
(54) METHODS FOR STORING CARBON DIOXIDE COMPOSITIONS IN SUBTERRANEAN GEOLOGICAL FORMATIONS AND AN APPARATUS FOR CARRYING OUT THE METHOD
(73) Equinor ASA
(72) HØIER, Lars
NAZARIAN, Bamshad
(31) 20101350
(32) 29.09.2010
(33) Norway

(51) E21B 43/00
E21B 49/00
G01V 1/32
G01V 1/30
(11) EP2235500
(21) EP08862280.8
(47) 31.10.2018
(87) US2008083431
25.06.2009
(22) 13.11.2008
(54) DETERMINING CONNECTIVITY ARCHITECTURE IN 2-D AND 3-D HETEROGENEOUS DATA
(73) ExxonMobil Upstream Research Company
(72) KIM, Chul-Sung
DOBIN, Mark, W.
(31) 8048
(32) 18.12.2007
(33) United States of America

(51) E21B 43/02
E21B 41/00
E21B 43/16
(11) EP2314373
(21) EP09806735.8
(47) 31.10.2018
(87) JP2009064249
18.02.2010
(22) 12.08.2009
(54) STORING DEVICE FOR STORED SUBSTANCE AND METHOD FOR STORING STORED SUBSTANCE
(73) Tokyo Gas Co., Ltd.
(72) KAMEYAMA,Hiromichi
NISHIO,Susumu
XUE, Ziqiu
MATSUOKA,Toshifumi
(31) 2008208816
(32) 14.08.2008
(33) Japan

(51) E21B 43/1185
E21B 43/14
E21B 47/12
(11) EP1853792
(21) EP06721106.0
(47) 31.10.2018
(87) US2006007039
08.09.2006
(22) 28.02.2006
(54) DEVICE AND METHOD FOR FIRING PERFORATING GUNS
(73) Owen Oil Tools LP
(72) LAGRANGE, Timothy, Edward
ANDRICH, Lyle, W.
(31) 69600
(32) 01.03.2005
(33) United States of America

(51) E21B 43/14
E21B 34/14
E21B 43/12
E21B 34/10
(11) EP2673462
(21) EP12704524.3
(47) 31.10.2018
(87) GB2012000139
16.08.2012
(22) 10.02.2012
(54) A METHOD FOR INDIVIDUALLY SERVICING A PLURALITY OF ZONES OF A SUBTERRANEAN FORMATION
(73) Halliburton Energy Services, Inc.
(72) HOWELL, Matthew Todd
(31) 201113025039
(32) 10.02.2011
(33) United States of America

(51) E21B 43/14
E21B 43/08
E21B 43/26
(11) EP2900908
(21) EP12885641.6
(47) 31.10.2018
(87) US2012057241
03.04.2014
(22) 26.09.2012
(54) SINGLE TRIP MULTI-ZONE COMPLETION SYSTEMS AND METHODS
(73) Halliburton Energy Services, Inc.
(72) TIPS, Timothy, R.
RICHARDS, William, Mark

(51) E21B 47/00
E21B 19/00
E21B 19/07
E21B 19/10
E21B 19/16
E21B 19/06
(11) EP3176362
(21) EP16204627.0
(47) 31.10.2018
(22) 15.12.2011
(54) ELECTRONIC CONTROL SYSTEM FOR A TUBULAR HANDLING TOOL
(73) Weatherford Technology Holdings, LLC
(72) WEIDECKE, Michael
THIEMANN, Bjoern
HEIDECKE, Karsten
LIESS, Martin
HELMS, Martin
HOOKER, II, John D.
(31) 201061424575 P
201161516609 P
(32) 17.12.2010
05.04.2011
(33) United States of America
United States of America

(51) E21B 47/002
G01N 21/01
G01D 5/353
G02B 6/44
(11) EP3099894
(21) EP14881292.8
(47) 31.10.2018
(87) US2014071495
06.08.2015
(22) 19.12.2014
(54) SPLICABLE FIBER OPTIC SENSING SYSTEM, METHOD OF MAKING SAME AND TAPE FOR SENSE TRANSMISSIVELY LOCKING AN OPTICAL FIBER
(73) Baker Hughes, a GE company, LLC
(72) STOESZ, Carl W.
CHILDERS, Brooks A.
(31) 201414169760
(32) 31.01.2014
(33) United States of America

(51) E21B 47/02
G01V 11/00
E21B 17/10
(11) EP1831502
(21) EP05854063.4
(47) 31.10.2018
(87) US2005045276
22.06.2006
(22) 14.12.2005
(54) CENTRALIZER-BASED SURVEY AND NAVIGATION DEVICE AND METHOD
(73) Raytheon Company
(72) GOLDSTEIN, Brett
SULIGA, William
DOLGIN, Benjamin
VICKERMAN, David
COTTEN, Steven, A.
GRINDSTAFF, Keith
SHENHAR, Joram
HILL, John, L.
(31) 635477 P
(32) 14.12.2004
(33) United States of America

(51) E21B 49/00
G01V 1/40
E21B 47/00
(11) EP3117075
(21) EP14885493.8
(47) 31.10.2018
(87) US2014024596
17.09.2015
(22) 12.03.2014
(54) RANKING DRILLING LOCATIONS AMONG SHALE PLAYS
(73) Landmark Graphics Corporation
(72) CHORN, Larry Gregg

(51) E21B 49/06
(11) EP1977081
(21) EP06848568.9
(47) 31.10.2018
(87) US2006061562
21.06.2007
(22) 04.12.2006

(54) METHOD AND APPARATUS FOR IN-SITU SIDE-WALL CORE SAMPLE ANALYSIS
(73) Schlumberger Holdings Limited
(72) FUJISAWA, Go
MULLINS, Oliver C.
WRAIGHT, Peter David
GROVES, Joel Lee
REID, Lennox
CHEN, Felix
CORRIS, Gary
SONG, Yi-Qiao
(31) 304296
(32) 15.12.2005
(33) United States of America

(51) E21C 39/00
(11) EP3119990
(21) EP15712295.3
(47) 31.10.2018
(87) EP2015055470
24.09.2015
(22) 16.03.2015
(54) A MACHINE AND METHOD FOR SURFACE MINING OR ROAD MILLING
(73) Wirtgen GmbH
(72) WAGNER, Stefan
VON SCHOENEBECK, Wilfried
VOLLMANN, Klaus
BARIMANI, Cyrus
HAEHN, Guenter
(31) 2014900903
(32) 17.03.2014
(33) Australia

(51) F01C 21/10
F04C 18/08
F04C 18/12
F01C 21/00
F04C 21/00
(11) EP3106611
(21) EP16171736.8
(47) 31.10.2018
(22) 27.05.2016
(54) SUCTION/COMPRESSION ASSEMBLY FOR A WASTE MATERIAL INTAKE EQUIPMENT OR SYSTEM
(73) Jurop S.p.A.
(72) SANTAROSSA, Danilo
(31) UB20151462
(32) 17.06.2015
(33) Italy

(51) F01C 21/10
F04C 29/12
F04C 18/08
F04C 18/12
F16K 11/08
F16K 15/03
F04C 27/00
(11) EP3106610
(21) EP16171734.3
(47) 31.10.2018
(22) 27.05.2016
(54) SUCTION/COMPRESSION ASSEMBLY FOR A WASTE MATERIAL ASPIRATION SYSTEM
(73) Jurop S.p.A.
(72) SANTAROSSA, Danilo
(31) UB20151445
(32) 17.06.2015
(33) Italy

(51) F01D 5/02
F01D 5/10
F01D 25/04
F02C 7/00
F16F 15/32
F16F 15/34
(11) EP3049624
(21) EP14869043.1
(47) 31.10.2018
(87) US2014057346
18.06.2015
(22) 25.09.2014
(54) ROTATING COMPONENT BALANCE RING
(73) United Technologies Corporation
(72) HIMES, Jason D.
KARNER, Peter Josef
(31) 201361882673 P
(32) 26.09.2013
(33) United States of America

(51) F01D 5/02
F04D 29/26
(11) EP3081746
(21) EP13899261.5
(47) 31.10.2018
(87) JP2013083206
18.06.2015
(22) 11.12.2013
(54) ROTATING BODY AND METHOD FOR MANUFACTURING ROTATING BODY
(73) Mitsubishi Heavy Industries, Ltd.
(72) HAYASHI, Noriyuki
OZAKI, Makoto
SEIKE, Nariaki
KANKI, Hiroshi
SUZUKI, Hiroshi

(51) F01D 5/06
C22C 38/18
(11) EP2835498
(21) EP14180266.0
(47) 31.10.2018
(22) 07.08.2014
(54) Welded steam turbine rotor made of chromium alloy steel
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) Asai, Kunio
Arai, Masahiko
Murata, Kenichi
(31) 2013164629
(32) 08.08.2013
(33) Japan

(51) F01D 5/06
F01D 5/08
F01D 5/30
(11) EP2474707
(21) EP12150368.4
(47) 31.10.2018
(22) 06.01.2012
(54) Multi-function heat shield for a gas turbine engine
(73) United Technologies Corporation
(72) Virkler, Scott D.
Arnold, Jason
(31) 201113004231
(32) 11.01.2011
(33) United States of America

(51) F01D 5/08
F01D 11/00
F01D 11/04
(11) EP3172407
(21) EP15794884.5
(47) 31.10.2018
(87) EP2015076288
26.05.2016
(22) 11.11.2015
(54) GAS TURBINE WITH THE COOLING OF THE LAST TURBINE STAGE
(73) Siemens Aktiengesellschaft
(72) WAGNER, Michael
(31) 14193992
(32) 20.11.2014
(33) European Patent Office (EPO)

(51) F01D 5/14
F01D 5/18
F01D 25/16
F01D 9/04
(11) EP3008290
(21) EP14811694.0
(47) 31.10.2018
(87) US2014038748
18.12.2014
(22) 20.05.2014
(54) TURBINE VANE WITH VARIABLE TRAILING EDGE INNER RADIUS
(73) United Technologies Corporation
(72) PORTER, Steven, D.
OLS, John, T.
(31) 201361835015 P
(32) 14.06.2013
(33) United States of America

(51) F01D 5/14
F01D 5/28
F04D 29/32
F04D 29/38
(11) EP2243929
(21) EP10250788.6
(47) 31.10.2018
(22) 16.04.2010
(54) HYBRID STRUCTURE FAN BLADE
(73) United Technologies Corporation
(72) Viens, Daniel V.
Smith, Peter B.
Nordone, Vincent C.
Strife, James R.
Lamm, Foster P.
(31) 425133
(32) 16.04.2009
(33) United States of America

(51) F01D 5/14
F01D 9/04
(11) EP2492440
(21) EP12156171.6
(47) 31.10.2018
(22) 20.02.2012
(54) Turbine nozzle blade and steam turbine equipment using same
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) Shibata, Takanori
Segawa, Kiyoshi
Kishibe, Tadaharu
Kimura, Seiichi
Lee, Goingwon
(31) 2011035305
(32) 22.02.2011

(33) Japan

(51) F01D 5/18
F01D 25/24
F01D 9/04
F01D 9/02
F02C 7/00
F02C 7/18
(11) EP3002416
(21) EP15807779.2
(47) 31.10.2018
(87) JP2015058172
07.01.2016
(22) 19.03.2015
(54) STATOR VANE, GAS TURBINE PROVIDED WITH SAME, METHOD FOR MANUFACTURING STATOR VANE, AND METHOD FOR MODIFYING STATOR VANE
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) OKAJIMA Yoshifumi
KUWABARA Masamitsu
(31) 2014134418
(32) 30.06.2014
(33) Japan

(51) F01D 5/18
F02C 7/12
F01D 25/12
F02K 3/00
(11) EP2841710
(21) EP13782625.1
(47) 31.10.2018
(87) US2013037318
31.10.2013
(22) 19.04.2013
(54) GAS TURBINE ENGINE CORE PROVIDING EXTERIOR AIRFOIL PORTION
(73) United Technologies Corporation
(72) ZELESKY, Mark, F.
PROPHETER-HINCKLEY, Tracy A.
MONGILLO, JR., Dominic J.
GAUTSCHI, Steven Bruce
DEVORE, Matthew A.
FISK, Benjamin T.
(31) 201213454245
(32) 24.04.2012
(33) United States of America

(51) F01D 9/04
F01D 11/00
(11) EP2959113
(21) EP13818593.9
(47) 31.10.2018
(87) US2013075372
28.08.2014
(22) 16.12.2013
(54) EDGE SEAL FOR GAS TURBINE ENGINE CERAMIC MATRIX COMPOSITE COMPONENT
(73) Rolls-Royce Corporation
(72) SHI, Jun
(31) 201361768450 P
(32) 23.02.2013
(33) United States of America

(51) F01D 9/04
F01D 25/24
(11) EP3033495
(21) EP14786954.9
(47) 31.10.2018
(87) FR2014052079
19.02.2015
(22) 11.08.2014
(54) IMPROVEMENT FOR THE LOCKING OF BLADE-SUPPORTING COMPONENTS
(73) Safran Aircraft Engines
(72) ROSSET, Patrice Jean-Marc
GUERARD, Coralie
CONDAT, Hélène
PRESTEL, Sébatien
(31) 1357982
(32) 13.08.2013
(33) France

(51) F01D 9/04
F01D 25/24
(11) EP3000979
(21) EP15186400.6
(47) 31.10.2018
(22) 23.09.2015
(54) CLAMPED VANE ARC SEGMENT HAVING LOAD-TRANSMITTING FEATURES
(73) United Technologies Corporation
(72) CARR, Jesse M.
DUBE, Bryan P.
(31) 201462054520 P
(32) 24.09.2014
(33) United States of America

(51) F01D 21/00
F01D 25/16
F01D 25/18
F01D 5/02
F02C 7/28
(11) EP3175091
(21) EP15751051.2
(47) 31.10.2018
(87) FR2015052004
04.02.2016
(22) 21.07.2015
(54) DEVICE OF A TURBIMACHINE WITH AN AUXILIARY SEALING MEAN AND A PROCESS FOR TESTING THIS DEVICE
(73) Safran Aircraft Engines
(72) LEUTARD, Florence, Irène, Noëlle
JAMON, Thibault
RENON, Olivier
(31) 1457350
(32) 29.07.2014
(33) France

(51) F01D 21/00
F01D 25/24
G02B 23/24
(11) EP2831378
(21) EP13769681.1
(47) 31.10.2018
(87) US2013034134
03.10.2013
(22) 27.03.2013
(54) DUAL-INTENT LOCATOR PIN AND REMOVABLE PLUG FOR GAS TURBINES
(73) United Technologies Corporation
(72) FEINDEL, David, T.
FARAH, Jorge, I.
(31) 201213431041
(32) 27.03.2012
(33) United States of America

(51) F01D 25/14
B23K 26/21
F23R 3/00
F02K 1/82
F01D 9/02
F01D 25/24
F01D 25/12
F01D 25/08
(11) EP3167164
(21) EP15774541.5
(47) 31.10.2018
(87) EP2015071833
07.04.2016
(22) 23.09.2015
(54) TURBOMACHINE COMPONENT, PARTICULARLY A GAS TURBINE ENGINE COMPONENT, WITH A COOLED WALL AND A METHOD OF MANUFACTURING
(73) Siemens Aktiengesellschaft
(72) LÖRSTAD, Daniel
ÖFVERSTEDT, Thomas
(31) 14187066
(32) 30.09.2014
(33) European Patent Office (EPO)

(51) F01D 25/16
F02C 7/36
F02C 7/06
(11) EP2844845
(21) EP13725410.8
(47) 31.10.2018
(87) FR2013050979
07.11.2013
(22) 02.05.2013
(54) METHOD FOR REMOVING A TURBOFAN ENGINE
(73) Safran Aircraft Engines
(72) TAILPIED, Fabrice
DAGRON, Hervé
MUSTIERE, Cédric
(31) 1254031
(32) 02.05.2012
(33) France

(51) F01D 25/28
(11) EP3029279
(21) EP15197997.8
(47) 31.10.2018
(22) 04.12.2015
(54) GROUND HANDLING SYSTEM FOR A COMPOSITE FAN CASE AND A METHOD OF USING THE SAME
(73) United Technologies Corporation
(72) LUSSIER, Darin S.
(31) 201462087606 P
(32) 04.12.2014
(33) United States of America

(51) F01D 25/28
(11) EP3211187
(21) EP17157893.3
(47) 31.10.2018
(22) 24.02.2017
(54) POSITIONING SYSTEM FOR ALIGNING INDUSTRIAL MACHINE COUPLING ELEMENTS
(73) General Electric Company
(72) DZIECIOL, Piotr Krzysztof
O'MEARA, Sean Cornelius
PERKOWSKI, Szymon
WOJCIECHOWSKI, Wiktor Jan

(31) 41630216
(32) 29.02.2016
(33) Poland

(51) F01D 25/28
F02C 7/20
F02C 7/22
(11) EP3066308
(21) EP14808588.9
(47) 31.10.2018
(87) EP2014076386
18.06.2015
(22) 03.12.2014
(54) ATTACHMENT FOR AT LEAST PARTIALLY ANNULAR GAS SUPPLY LINES OF A STATIONARY GAS TURBINE
(73) Siemens Aktiengesellschaft
(72) REUSCH, Ralf
FEI, Ruiqian
HESSE, Werner
MURRENHOFF, Daniel
(31) 13196196
(32) 09.12.2013
(33) European Patent Office (EPO)

(51) F01D 25/28
F02C 7/20
F16C 3/02
F16C 11/02
F16C 11/06
(11) EP2771549
(21) EP12766017.3
(47) 31.10.2018
(87) EP2012067880
02.05.2013
(22) 13.09.2012
(54) GAS TURBINE ENGINE SUPPORT STRUT ASSEMBLY AND METHOD FOR SUPPORTING A CASING
(73) Siemens Aktiengesellschaft
(72) KEEGAN, Colm
SCOTT, Kevin
SIMMONS, Neil
(31) 11186495
(32) 25.10.2011
(33) European Patent Office (EPO)

(51) F01D 25/30
F01D 11/10
F01D 5/14
(11) EP2775096
(21) EP14151870.4
(47) 31.10.2018
(22) 21.01.2014
(54) Diffuser assembly for an exhaust housing of a steam turbine, and steam turbine with the same
(73) Siemens Aktiengesellschaft
(72) Mucha, Andreas
Sporbert, Christoph
(31) 102013204006
(32) 08.03.2013
(33) Germany

(51) F01K 7/22
F01K 17/06
F01K 23/10
F22B 37/50
(11) EP3066310
(21) EP15707565.6
(47) 31.10.2018
(87) EP2015052960
11.09.2015
(22) 12.02.2015
(54) FLASH TANK DESIGN
(73) Siemens Aktiengesellschaft
(72) JURETZEK, Uwe
(31) 102014203967
(32) 05.03.2014
(33) Germany

(51) F01K 7/24
F01K 13/02
F22G 5/12
F23N 5/02
(11) EP2990617
(21) EP15180731.0
(47) 31.10.2018
(22) 12.08.2015
(54) APPARATUS AND METHOD FOR CONTROLLING AT LEAST ONE OPERATIONAL PARAMETER OF A PLANT
(73) General Electric Technology GmbH
(72) Lou, Xinsheng
Wang, Chuan
Neuschaefer, Carl H
Levasseur, Armand Alfred
(31) 201414465217
(32) 21.08.2014
(33) United States of America

(51) F01K 7/40
F01K 13/00
F01K 17/02
F01K 17/06
F01K 9/02
F01K 11/02
F23L 7/00
F23L 15/04
F22D 1/36
(11) EP2942497
(21) EP14290141.2
(47) 31.10.2018
(22) 08.05.2014
(54) Oxy boiler power plant oxygen feed system heat integration
(73) General Electric Technology GmbH
(72) Pourchot, Thierry
Granier, François
Geiger, Frédéric

(51) F01K 9/00
F01K 17/02
(11) EP2900943
(21) EP13762806.1
(47) 31.10.2018
(87) EP2013068897
10.04.2014
(22) 12.09.2013
(54) COGENERATION POWER PLANT AND METHOD FOR OPERATING A COGENERATION POWER PLANT
(73) Siemens Aktiengesellschaft
(72) REISSNER, Florian
SCHÄFER, Jochen
(31) 102012217929
(32) 01.10.2012
(33) Germany

(51) F01K 23/10
G07C 3/00
F01K 13/00
(11) EP1937943
(21) EP06793719.3
(47) 31.10.2018
(87) EP2006066599
26.04.2007
(22) 21.09.2006
(54) METHOD AND DEVICE FOR DETERMINING THE REDUCTION OF LIFETIME OF INDIVIDUAL COMPONENTS OF A FOSSIL-FUELLED POWER PLANT, PARTICULARLY OF A STEAM AND GAS TURBINE SYSTEM
(73) Siemens Aktiengesellschaft
(72) GOBRECHT, Edwin
NEWALD, Rainer
WINDECKER, Eva
(31) 05022572
(32) 17.10.2005
(33) European Patent Office (EPO)

(51) F01L 1/344
(11) EP3165723
(21) EP16188580.1
(47) 31.10.2018
(22) 13.09.2016
(54) VALVE OPENING AND CLOSING TIMING CONTROL APPARATUS
(73) AISIN SEIKI KABUSHIKI KAISHA
(72) SUGANUMA, Hideyuki
NOGUCHI, Yuji
ASAHI, Takeo
HAMASAKI, Hiroyuki
SAKAKIBARA, Toru
KAJITA, Tomohiro
(31) 2015219634
(32) 09.11.2015
(33) Japan

(51) F01L 1/344
F02D 41/20
F02D 41/24
H01F 7/18
(11) EP3049646
(21) EP14796412.6
(47) 31.10.2018
(87) EP2014002512
26.03.2015
(22) 17.09.2014
(54) ROTOR FOR A CAMSHAFT ADJUSTER, PARTS SET FOR PRODUCING A ROTOR FOR A CAMSHAFT ADJUSTER AND METHOD FOR PRODUCING A JOINED COMPONENT, PREFERABLY A ROTOR FOR A CAMSHAFT ADJUSTER
(73) GKN Sinter Metals Engineering GmbH
Schaeffler Technologies AG & Co. KG
(72) SCHMITT, Rainer
CASELLAS, Antonio
ZIEGLER, Kerstin
BÖSEL, Christian
STOLLBERGER, Uwe
(31) 102013015675
(32) 23.09.2013
(33) Germany

(51) F01L 9/02
F01L 1/26
(11) EP2659100
(21) EP11801602.1
(47) 31.10.2018
(87) EP2011006324

05.07.2012
(22) 15.12.2011
(54) MODULAR HYDRAULIC VALVE DRIVE
(73) Robert Bosch GmbH
(72) COCHOY, Olaf
DÖRR, Heribert
FISCHER, Helmut
(31) 102010064380
102011013606
(32) 30.12.2010
10.03.2011
(33) Germany
Germany

(51) F01L 13/00
F01L 1/26
F01L 1/08
F01L 1/047
(11) EP3163037
(21) EP15811591.5
(47) 31.10.2018
(87) JP2015068011
30.12.2015
(22) 23.06.2015
(54) VALVE DEVICE FOR ENGINE
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) OKAMOTO,Yasuo
(31) 2014131010
(32) 26.06.2014
(33) Japan

(51) F01L 13/08
(11) EP2933446
(21) EP15159032.0
(47) 31.10.2018
(22) 13.03.2015
(54) Decompression device
(73) Triumph Designs Limited
(72) Kirby, Mark
(31) 201406661
(32) 14.04.2014
(33) United Kingdom

(51) F01M 1/10
F01M 11/03
(11) EP3002427
(21) EP15187183.7
(47) 31.10.2018
(22) 28.09.2015
(54) OIL FILTER DISPOSITION STRUCTURE OF SADDLE-RIDE TYPE VEHICLE
(73) HONDA MOTOR CO., LTD.
(72) SUGIURA, Hiroyuki
YOKOTA, Hiroshi
SUZUKI, Noriyuki
(31) 2014200081
(32) 30.09.2014
(33) Japan

(51) F01M 5/00
F01M 11/00
F28D 9/00
F28F 9/007
F28D 21/00
(11) EP3234313
(21) EP15816730.4
(47) 31.10.2018
(87) EP2015079950
23.06.2016
(22) 16.12.2015
(54) OIL COOLER FOR AN OIL FILTER MODULE OF A MOTOR VEHICLE
(73) Mahle International GmbH
(72) KIEMLEN, Ralf
SCHMIDGALL, Stefan
(31) 102014226671
(32) 19.12.2014
(33) Germany

(51) F01M 13/00
F01M 13/02
(11) EP3095977
(21) EP16170506.6
(47) 31.10.2018
(22) 20.05.2016
(54) INTERNAL COMBUSTION ENGINE
(73) Toyota Jidosha Kabushiki Kaisha
(72) OKAWA, Makoto
SAKAI, Kazuhito
(31) 2015104868
(32) 22.05.2015
(33) Japan

(51) F01M 13/04
(11) EP1837487
(21) EP07104030.7
(47) 31.10.2018
(22) 13.03.2007
(54) Oil separator for blowby gas
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
Kojima Press Industry Co., Ltd.
(72) YONEBAYASHI, Minoru
TAKEUCHI, Nobutaka
YASUHARA, Shigeki
ITO, Kaoru
TANAKA, Toshimitsu
(31) 2006075982
(32) 20.03.2006
(33) Japan

(51) F01N 3/02
F02D 45/00
B01D 46/42
F02D 41/02
F02D 41/14
F02D 41/22
F01N 9/00
F02D 41/06
F01N 11/00
F01N 13/00
(11) EP2410142
(21) EP10753451.3
(47) 31.10.2018
(87) JP2010054097
23.09.2010
(22) 11.03.2010
(54) EXHAUST PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE
(73) Yanmar Co., Ltd.
(72) JONOUCHI Katsunari
HARA Michihiko
(31) 2009068323
(32) 19.03.2009
(33) Japan

(51) F01N 3/021
F01N 3/10
F01N 3/20
F01N 3/28
F01N 13/18
B01F 3/04
B01F 5/00
B01F 5/04
B01F 5/06
(11) EP3216992
(21) EP17159284.3
(47) 31.10.2018
(22) 06.03.2017
(54) MIXER
(73) Eberspächer Exhaust Technology GmbH & Co. KG
(72) Solipuram, Vijaya Bhaskar
Vempati, Krishna Kumar
Kurpejovic, Enver
(31) 102016104361
(32) 10.03.2016
(33) Germany

(51) F01N 3/08
B01D 53/86
B01D 53/94
F01N 3/20
F01N 3/22
F01N 3/24
F01N 3/32
F02D 41/04
F02D 41/02
(11) EP2256311
(21) EP09712488.7
(47) 31.10.2018
(87) JP2009053303
27.08.2009
(22) 18.02.2009
(54) EXHAUST GAS PURIFIER FOR INTERNAL-COMBUSTION ENGINE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) AOYAMA, Taro
TANAI, Yutaka
(31) 2008041884
(32) 22.02.2008
(33) Japan

(51) F01N 3/08
F01N 3/021
F01N 13/00
F01N 3/36
F02B 37/007
F01N 9/00
(11) EP3133258
(21) EP16183803.2
(47) 31.10.2018
(22) 11.08.2016
(54) CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE AND CONTROL METHOD
(73) Toyota Jidosha Kabushiki Kaisha
(72) KURISAKA, Itsuya
(31) 2015160446
(32) 17.08.2015
(33) Japan

(51) F01N 3/20
(11) EP2809897
(21) EP13703008.6
(47) 31.10.2018
(87) EP2013052043
08.08.2013
(22) 01.02.2013
(54) DOSING VALVE FOR ADDITIVES AT RISK OF FREEZING
(73) Continental Automotive GmbH
(72) HODGSON, Jan
SCHEPERS, Sven
BRÜCK, Rolf
(31) 102012002061

(32) 03.02.2012
(33) Germany

(51) F01N 3/20
(11) EP3084161
(21) EP14809818.9
(47) 31.10.2018
(87) EP2014076693
11.06.2015
(22) 05.12.2014
(54) METHOD AND SYSTEM FOR LOADING OR RELOADING A DECOMPOSITION UNIT FOR USE IN A VEHICLE
(73) Plastic Omnium Advanced Innovation and Research
(72) DOUGNIER, François
MADOUX, Dominique
MONGE-BONINI, Beatriz
VAN SCHAFTINGEN, Jules-Joseph
(31) 13195921
(32) 05.12.2013
(33) European Patent Office (EPO)

(51) F01N 3/20
(11) EP3098408
(21) EP16170875.5
(47) 31.10.2018
(22) 23.05.2016
(54) ADDITIVE SUPPLY DEVICE
(73) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Toyota Jidosha Kabushiki Kaisha
(72) TSUCHIYA, Tomihisa
HOSHI, Sakutaro
MAEDA, Shoichi
HATTA, Masanori
(31) 2015108645
(32) 28.05.2015
(33) Japan

(51) F01N 3/20
F01N 3/28
B01D 53/90
(11) EP2984310
(21) EP14782582.2
(47) 31.10.2018
(87) SE2014050386
16.10.2014
(22) 01.04.2014
(54) METHOD AND DEVICE FOR THE INJECTION OF A REDUCING AGENT INTO A COMBUSTION ENGINE EXHAUST PIPE
(73) Scania CV AB
(72) NORDIN, Niklas
KONSTANZER, Dennis
(31) 1350467
(32) 12.04.2013
(33) Sweden

(51) F01N 3/28
C04B 41/89
C04B 41/84
(11) EP2132422
(21) EP08744577.1
(47) 31.10.2018
(87) US2008058622
09.10.2008
(22) 28.03.2008
(54) FIBER MAT CONTAINING AN ORGANOSILICON COMPOUND AND POLLUTION CONTROL DEVICE USING IT
(73) 3M Innovative Properties Company
(72) KUNZE, Ulrich E.
MIDDENDORF, Claus
KRIEG, Harald H.
(31) 0706166
(32) 30.03.2007
(33) United Kingdom

(51) F01N 9/00
F01N 3/20
F01N 11/00
(11) EP2582946
(21) EP11798472.4
(47) 31.10.2018
(87) SE2011050801
29.12.2011
(22) 20.06.2011
(54) METHOD PERTAINING TO AIR REMOVAL FROM A DOSING SYSTEM AT AN SCR SYSTEM AND AN SCR SYSTEM
(73) Scania CV AB (publ)
(72) ERIKSSON, Lars
CARLSSON, Ulf
LILJESTRAND, Andreas
BREMBERG, Per
(31) 1050641
(32) 21.06.2010
(33) Sweden

(51) F01N 9/00
F01N 13/04
F01N 13/08
F01N 1/16
F01N 3/00
(11) EP3141720
(21) EP15002654.0
(47) 31.10.2018
(22) 10.09.2015
(54) EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION AUTOMOTIVE ENGINE
(73) Akrapovic d.d.
(72) Akrapovic, Igor
Klemenc, Jaka
Sedej, Gasper
Vipavec, Simon

(51) F01N 13/08
F01N 1/02
F01N 1/06
F01N 1/16
(11) EP3252283
(21) EP17174114.3
(47) 31.10.2018
(22) 01.06.2017
(54) ROAD VEHICLE WITH AN INTERNAL COMBUSTION ENGINE AND PROVIDED WITH A DEVICE FOR THE TRANSMISSION OF THE EXHAUST NOISE
(73) FERRARI S.p.A.
(72) POMPUCCI, Cristiano
(31) UA20164078
(32) 03.06.2016
(33) Italy

(51) F01N 13/18
F01N 13/02
F01N 13/08
F01N 3/08
(11) EP3098414
(21) EP15740675.2
(47) 31.10.2018
(87) JP2015050320
30.07.2015
(22) 08.01.2015
(54) MUFFLER FOR CONSTRUCTION MACHINE
(73) Kobelco Construction Machinery Co., Ltd.
(72) MATSUNAGA, Hidenori
TAKEMOTO, Masanori
KITA, Tomotaka
(31) 2014010931
(32) 24.01.2014
(33) Japan

(51) F02B 37/16
F16K 1/48
(11) EP3237734
(21) EP15820067.5
(47) 31.10.2018
(87) EP2015079793
30.06.2016
(22) 15.12.2015
(54) VALVE
(73) Continental Automotive GmbH
(72) BONANNO, Rosario
(31) 102014226885
(32) 22.12.2014
(33) Germany

(51) F02B 37/16
F16K 31/06
(11) EP3194745
(21) EP15741974.8
(47) 31.10.2018
(87) EP2015066453
24.03.2016
(22) 17.07.2015
(54) ADJUSTMENT ELEMENT FOR AN OVERRUN AIR RECIRCULATION VALVE
(73) Pierburg GmbH
(72) SCHMITZ, Helmut
LENK, Martin
PAUL, Oliver
MANDJERALO, Daniel
(31) 102014113550
(32) 19.09.2014
(33) Germany

(51) F02B 37/16
F16K 47/04
F01N 1/24
(11) EP3027862
(21) EP14747062.9
(47) 31.10.2018
(87) FR2014051655
05.02.2015
(22) 27.06.2014
(54) GAS PRESSURE REGULATING ASSEMBLY AND ENGINE COMPRISING SUCH AN ASSEMBLY
(73) PSA Automobiles SA
(72) TOUPET, Stephane
ARETHUSE, Pascal
RAVASSARD, Stephane
(31) 1357499
(32) 30.07.2013
(33) France

(51) F02C 3/107

F02K 3/06
F02C 7/36
(11) EP2610464
(21) EP12198045.2
(47) 31.10.2018
(22) 19.12.2012
(54) Gas Turbine engine
(73) United Technologies Corporation
(72) McCune, Michael E.
Portlock, Lawrence E.
Schwarz, Frederick M.
(31) 201113340743
(32) 30.12.2011
(33) United States of America

(51) F02C 3/13
F02C 7/18
F02C 9/18
(11) EP3085924
(21) EP16166724.1
(47) 31.10.2018
(22) 22.04.2016
(54) COOLING AIR INTERCOOLING WITH COOLING AIR TAPPED FROM PLURAL LOCATIONS
(73) United Technologies Corporation
(72) SUCIU, Gabriel L.
CHANDLER, Jesse M.
STAUBACH, Joseph Brent
MERRY, Brian D.
(31) 201514695534
(32) 24.04.2015
(33) United States of America

(51) F02C 3/30
F02C 7/10
(11) EP2022962
(21) EP08014068.4
(47) 31.10.2018
(22) 06.08.2008
(54) High humidity gas turbine equipment
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) Sasaki, Kenji
Noguchi, Yoshiki
Sakka, Kenji
Fukuhara, Hirotsugu
(31) 2007205021
(32) 07.08.2007
(33) Japan

(51) F02C 6/16
(11) EP2724006
(21) EP12755996.1
(47) 31.10.2018
(87) EP2012067103
21.03.2013
(22) 03.09.2012
(54) AIR TURBINE AND CORRESPONDING METHODS
(73) Siemens Aktiengesellschaft
(72) HAJE, Detlef
HERTWIG, Holger
(31) 102011082827
(32) 16.09.2011
(33) Germany

(51) F02C 7/06
F16L 21/02
F16L 21/08
F01D 25/16
F01D 25/20
F16N 21/00
F16L 5/00
(11) EP3044437
(21) EP14863476.9
(47) 31.10.2018
(87) US2014054457
28.05.2015
(22) 08.09.2014
(54) TURBINE ENGINE BEARING SUPPORT COMPRISING A DECOUPLER
(73) United Technologies Corporation
(72) LAPIERRE, Todd M.
YUEN, Yuk-Kwan Brian
(31) 201361875245 P
(32) 09.09.2013
(33) United States of America

(51) F02C 7/12
F02C 6/08
F01D 9/06
F01D 25/28
(11) EP2900968
(21) EP13842149.0
(47) 31.10.2018
(87) US2013028537
03.04.2014
(22) 01.03.2013
(54) SPLIT-ZONE FLOW METERING T-TUBE
(73) United Technologies Corporation
(72) FARAH, Jorge I.
PAREKH, Kalpendu J.
(31) 201261707534 P
(32) 28.09.2012
(33) United States of America

(51) F02C 7/12
F02C 7/24
F23R 3/42
F23M 5/04
F23R 3/06
F23R 3/04
(11) EP3047128
(21) EP14844554.7
(47) 31.10.2018
(87) US2014055784
19.03.2015
(22) 16.09.2014
(54) CONTROLLED VARIATION OF PRESSURE DROP THROUGH EFFUSION COOLING IN A DOUBLE WALLED COMBUSTOR OF A GAS TURBINE ENGINE
(73) United Technologies Corporation
(72) BOULDIN, Lee E.
EASTWOOD, Jonathan J.
MOURA, Dennis M.
PACHECO-TOUGAS, Monica
(31) 201361878327 P
(32) 16.09.2013
(33) United States of America

(51) F02C 7/20
F02C 7/00
F02B 77/00
F01N 13/08
F01D 25/14
F02K 1/82
F01D 25/28
F02K 1/80
F16B 5/06
(11) EP2900972
(21) EP13841743.1
(47) 31.10.2018
(87) US2013061973
03.04.2014
(22) 26.09.2013
(54) PANEL SUPPORT HANGER FOR A TURBINE ENGINE
(73) United Technologies Corporation
(72) MCALICE, Timothy J.
FIGUEROA, Carlos G.
(31) 201261707333 P
201213672124
(32) 28.09.2012
08.11.2012
(33) United States of America
United States of America

(51) F02C 7/22
F02C 7/228
F23R 3/28
F23K 5/06
(11) EP3039268
(21) EP14840553.3
(47) 31.10.2018
(87) US2014053526
05.03.2015
(22) 29.08.2014
(54) FUEL MANIFOLD FOR A GAS TURBINE ENGINE AND MANUFACTURING METHOD THEREOF
(73) United Technologies Corporation
(72) CHASSE, James P. Jr.
TU, Peter
SHEIL, Robert F.
(31) 201361872378 P
(32) 30.08.2013
(33) United States of America

(51) F02C 7/277
F02C 9/20
(11) EP2884075
(21) EP14193544.5
(47) 31.10.2018
(22) 17.11.2014
(54) Aircraft engine system comprising a main engine, a starter and an auxiliary power unit
(73) Honeywell International Inc.
(72) Nesdill, Thomas
Dwyer, Michael
Arenare, John
Lam, Cecilia
(31) 201314105844
(32) 13.12.2013
(33) United States of America

(51) F02D 9/10
F02M 26/70
F16K 1/22
F16K 1/226
(11) EP2748497
(21) EP12761645.6
(47) 31.10.2018
(87) FR2012051902
28.02.2013
(22) 14.08.2012
(54) FLUID-CIRCULATION VALVE HAVING A MOBILE FLAP
(73) Valeo Systèmes de Contrôle Moteur
(72) HODEBOURG, Grégory
ADENOT, Sébastien
(31) 1157511
(32) 25.08.2011

(33) France

(51) F02D 9/10
F02M 35/112
F02B 27/02
F02B 31/06
F02M 35/10
F16K 1/22
F16K 27/02
(11) EP3139022
(21) EP16186931.8
(47) 31.10.2018
(22) 02.09.2016
(54) AIR INTAKE DEVICE AND AIR INTAKE CONTROL VALVE
(73) AISIN SEIKI KABUSHIKI KAISHA
(72) NINOMIYA, Kyohei
OIWA, Toshiyuki
ISHII, Masato
HASEGAWA, Motonobu
(31) 2015173496
(32) 03.09.2015
(33) Japan

(51) F02D 29/02
B60T 7/00
B60T 7/02
F02D 11/10
F02D 41/02
(11) EP2728147
(21) EP11868680.7
(47) 31.10.2018
(87) JP2011065043
03.01.2013
(22) 30.06.2011
(54) VEHICLE CONTROL APPARATUS
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) SHIMADA, Hiroshi
TAKAGI, Masashi
KIDA, Akihiro
SHIMADA, Michihito

(51) F02D 41/00
F02D 41/30
F02D 35/02
(11) EP2851541
(21) EP14184319.3
(47) 31.10.2018
(22) 10.09.2014
(54) Engine control device
(73) Mitsubishi Jidosha Kogyo Kabushiki Kaisha
(72) Miyamoto, Katsuhiko
(31) 2013196738
(32) 24.09.2013
(33) Japan

(51) F02D 41/00
F02N 11/04
H02P 6/182
H02P 6/185
(11) EP2476196
(21) EP10734492.1
(47) 31.10.2018
(87) EP2010060564
17.03.2011
(22) 21.07.2010
(54) METHOD FOR THE OPERATION OF AN ELECTRIC MACHINE, AND DRIVING DEVICE
(73) Robert Bosch GmbH
(72) RICHTER, Boyke
HEIDRICH, Torsten
(31) 102009029327
(32) 10.09.2009
(33) Germany

(51) F02D 41/02
F02D 41/14
B01D 53/94
F01N 3/10
(11) EP3052791
(21) EP14790749.7
(47) 31.10.2018
(87) JP2014076645
09.04.2015
(22) 30.09.2014
(54) CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) OKAZAKI, Shuntaro
NAKAGAWA, Norihisa
YAMAGUCHI, Yuji
FUJIWARA, Takahiko
(31) 2013207655
(32) 02.10.2013
(33) Japan

(51) F02D 41/04
(11) EP2716898
(21) EP12793677.1
(47) 31.10.2018
(87) JP2012062025
06.12.2012
(22) 10.05.2012
(54) METHOD FOR CONTROLLING INTERNAL COMBUSTION ENGINE, INTERNAL COMBUSTION ENGINE, AND VEHICLE EQUIPPED WITH SAME
(73) Isuzu Motors, Ltd.
(72) OZAWA,Hisashi
(31) 2011120321
(32) 30.05.2011
(33) Japan

(51) F02D 41/14
F02D 41/24
(11) EP2078841
(21) EP08075042.5
(47) 31.10.2018
(22) 14.01.2008
(54) Monitoring unit and method
(73) Delphi International Operations Luxembourg S.à r.l.
(72) Bailey, Samuel

(51) F02D 41/24
F02M 65/00
(11) EP3121427
(21) EP16173209.4
(47) 31.10.2018
(22) 07.06.2016
(54) CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE
(73) Toyota Jidosha Kabushiki Kaisha
(72) MORI, Sachio
HIROOKA, Hisato
DODATE, Chikara
(31) 2015120390
(32) 15.06.2015
(33) Japan

(51) F02D 45/00
F02D 9/02
F02D 41/04
F02D 43/00
F02P 5/15
(11) EP2317106
(21) EP09809662.1
(47) 31.10.2018
(87) JP2009059834
04.03.2010
(22) 29.05.2009
(54) INTERNAL COMBUSTION ENGINE CONTROL DEVICE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) OHTSUKA, Kaoru
SOEJIMA, Shinichi
KAWAI, Keisuke
TANAKA, Hiroyuki
NAKADA, Hayato
KATO, Naoto
(31) 2008216690
(32) 26.08.2008
(33) Japan

(51) F02F 1/24
B23P 19/04
F01L 1/053
F01L 1/46
F16C 43/04
(11) EP2379869
(21) EP09803856.5
(47) 31.10.2018
(87) FR2009052518
22.07.2010
(22) 14.12.2009
(54) MOTOR VEHICLE ENGINE CYLINDER HEAD
(73) GM Global Technology Operations LLC
PSA Automobiles SA
(72) VIDAL, Olivier
LE GUYADER, Gaël
(31) 0950308
(32) 19.01.2009
(33) France

(51) F02F 7/00
F02B 77/00
F02D 45/00
F02F 1/24
F02M 55/02
(11) EP2426341
(21) EP10769647.8
(47) 31.10.2018
(87) JP2010056996
04.11.2010
(22) 20.04.2010
(54) ENGINE
(73) Yanmar Co., Ltd.
(72) KAJITA Daisuke
KITAGAWA Tomoaki
(31) 2009110626
2009110625
(32) 30.04.2009
30.04.2009
(33) Japan
Japan

(51) F02K 1/12
F02K 1/72
F02K 1/76
(11) EP2577032
(21) EP11726916.7
(47) 31.10.2018
(87) FR2011051220

08.12.2011
(22) 27.05.2011
(54) ASSEMBLY INCLUDING A REVERSE THRUST DEVICE AND SYSTEM FOR ACTUATING SAID DEVICE
(73) Safran Nacelles
(72) VAUCHEL, Guy, Bernard
GONIDEC, Patrick
(31) 1054274
(32) 01.06.2010
(33) France

(51) F02K 3/06
F01D 9/02
F01D 25/24
F02C 7/00
F01D 25/00
F01D 5/28
(11) EP2865879
(21) EP13806092.6
(47) 31.10.2018
(87) JP2013066786
27.12.2013
(22) 19.06.2013
(54) VANE LINKING PORTION STRUCTURE, AND JET ENGINE USING SAME
(73) IHI Corporation
IHI Aerospace Co., Ltd.
(72) INADA, Takaomi
TANAKA, Shinichi
(31) 2012138655
(32) 20.06.2012
(33) Japan

(51) F02K 9/80
F42B 10/66
F42B 15/10
(11) EP2676026
(21) EP11858925.8
(47) 31.10.2018
(87) US2011064935
23.08.2012
(22) 14.12.2011
(54) PROPULSION AND MANEUVERING SYSTEM WITH AXIAL THRUSTERS AND METHOD FOR AXIAL DIVERT ATTITUDE AND CONTROL
(73) Raytheon Company
(72) PRESTON, Kenneth G.
LEAL, Michael A.
WILSON, Rondell J.
HUSSEY, Richard C.
(31) 201113030307
(32) 18.02.2011
(33) United States of America

(51) F02K 9/96
(11) EP3230575
(21) EP15817967.1
(47) 31.10.2018
(87) FR2015053321
16.06.2016
(22) 04.12.2015
(54) TESTING METHOD
(73) SAFRAN AIRCRAFT ENGINES
(72) VERELLEN, Alexis
LE GONIDEC, Serge
(31) 1462368
(32) 12.12.2014
(33) France

(51) F02M 1/16
F02B 63/02
F16K 31/02
(11) EP2697498
(21) EP11863533.3
(47) 31.10.2018
(87) SE2011050464
18.10.2012
(22) 15.04.2011
(54) A CARBURETOR SYSTEM FOR A CARBURETOR ENGINE
(73) Husqvarna AB
(72) LINDSTRÖM, Fredrik
MARTINSSON, Pär
OTTOSSON, Magnus
RYDBERG, Rikard

(51) F02M 25/022
F02M 25/028
F02B 47/02
(11) EP3018330
(21) EP15188088.7
(47) 31.10.2018
(22) 02.10.2015
(54) INTERNAL COMBUSTION ENGINE
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) Rubbert, Dr. Stephan
(31) 102014222466
(32) 04.11.2014
(33) Germany

(51) F02M 35/02
F02M 35/022
F02M 35/024
F02M 35/04
F02M 35/10
F02M 35/16
B62M 7/02
B62K 11/04
(11) EP3132132
(21) EP15706467.6
(47) 31.10.2018
(87) EP2015053816
22.10.2015
(22) 24.02.2015
(54) INTAKE DEVICE WITH FORMALLY INTEGRATED AIR GUIDE INTAKE DUCT
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) RÖSNER, Mathias
OLBRZYMEK, Peter
(31) 102014207167
(32) 15.04.2014
(33) Germany

(51) F02M 35/16
B60R 21/34
F16B 2/08
F16B 2/10
F02M 35/10
F16L 55/10
F15B 1/00
F16L 55/00
F16L 55/033
(11) EP3159529
(21) EP16171667.5
(47) 31.10.2018
(22) 27.05.2016
(54) ENGINE AIR SUPPLY DEVICE
(73) NOVARES FRANCE
(72) QUEVALLIER, Jean-Claude
CHOCQUET, Jean-François
WAYMEL, Gilles
(31) 1554907
(32) 29.05.2015
(33) France

(51) F02M 51/00
F02M 55/00
(11) EP3099923
(21) EP15700507.5
(47) 31.10.2018
(87) EP2015051086
30.07.2015
(22) 21.01.2015
(54) SEAL ARRANGEMENT FOR A FUEL INJECTOR ACTUATOR
(73) Delphi International Operations Luxembourg S.à r.l.
(72) BIMBENET, Bruno
LALE, Xavier
(31) 201401328
(32) 27.01.2014
(33) United Kingdom

(51) F02M 59/10
F04B 1/04
F04B 9/04
(11) EP3139029
(21) EP16185570.5
(47) 31.10.2018
(22) 24.08.2016
(54) HIGH PRESSURE FUEL PUMP
(73) Delphi International Operations Luxembourg S.à r.l.
(72) McHATTIE, James
EMERY, Charlie
(31) 201515435
(32) 01.09.2015
(33) United Kingdom

(51) F02M 59/48
(11) EP3158184
(21) EP15741871.6
(47) 31.10.2018
(87) EP2015056981
23.12.2015
(22) 31.03.2015
(54) HIGH PRESSURE FUEL PUMP
(73) Delphi International Operations Luxembourg S.à r.l.
(72) TANSUG, Onur Mehmet
CICEK, Gunay
KAHRAMAN, Erol
MCCRINDLE, Christopher
(31) 201410823
(32) 18.06.2014
(33) United Kingdom

(51) F02N 11/04
H02J 7/14
(11) EP1630413
(21) EP05076800.1
(47) 31.10.2018
(22) 02.08.2005
(54) Method for minimizing generator load on internal combustion engine
(73) Delphi Technologies, Inc.
(72) Sriram, Tallasthanam V.
(31) 924607
(32) 24.08.2004

(33) United States of America

(51) F03D 3/04
(11) EP2882959
(21) EP13729412.0
(47) 31.10.2018
(87) IB2013000859
14.11.2013
(22) 07.05.2013
(54) WINDTURBINE AND BUILDING HAVING SUCH A WIND TURBINE
(73) Devisch, Geert
(72) Devisch, Geert
(31) 201200306
(32) 08.05.2012
(33) Belgium

(51) F03D 7/02
(11) EP2932093
(21) EP13802529.1
(47) 31.10.2018
(87) DK2013050409
19.06.2014
(22) 04.12.2013
(54) METHOD AND ARRANGEMENT FOR SWIFT POWER REGULATION
(73) Vestas Wind Systems A/S
(72) KRÜGER, Thomas
CAPONETTI, Fabio
(31) 201270785
(32) 14.12.2012
(33) Denmark

(51) F03D 7/02
F03D 7/04
(11) EP3027897
(21) EP14742460.0
(47) 31.10.2018
(87) DK2014050224
05.02.2015
(22) 16.07.2014
(54) SIMULATION OF A MAXIMUM POWER OUTPUT OF A WIND TURBINE
(73) Vestas Wind Systems A/S
(72) SPRUCE, Chris
HALES, Kelvin
(31) 201370417
(32) 29.07.2013
(33) Denmark

(51) F03D 7/02
F16D 55/02
(11) EP2532886
(21) EP11739419.7
(47) 31.10.2018
(87) ES2011000017
11.08.2011
(22) 26.01.2011
(54) MECHANICAL BRAKE FOR A WIND TURBINE
(73) Gamesa Innovation & Technology, S.L.
(72) DÍAZ DE CERIO GARCÍA DE MENDAZA, César
FERNANDEZ GARCIA, Angel
(31) 201000131
(32) 04.02.2010
(33) Spain

(51) F03D 9/28
F03D 15/00
F03D 13/10
F03D 80/70
F04B 17/02
F04B 1/053
(11) EP3318753
(21) EP17160590.0
(47) 31.10.2018
(22) 13.03.2017
(54) RENEWABLE-ENERGY TYPE POWER GENERATING APPARATUS AND METHOD OF ASSEMBLING THE SAME
(73) Mitsubishi Heavy Industries, Ltd.
(72) KAWABATA, Shinji
NOGUCHI, Toshihide
(31) 2016216136
(32) 04.11.2016
(33) Japan

(51) F03D 13/20
(11) EP2956665
(21) EP14711451.6
(47) 31.10.2018
(87) EP2014052580
21.08.2014
(22) 11.02.2014
(54) METHOD FOR TRANSPORTING ONE OR MORE WIND-TURBINE TOWERS, AND WIND-TURBINE TOWER
(73) 2-B Energy Holding B.V.
(72) JAKOBSSON, Johan Mikael
PEELS, Huibertus
(31) 102013101387
(32) 13.02.2013
(33) Germany

(51) F03D 13/40
B63B 35/00
B65D 85/68
(11) EP2444656
(21) EP11007712.0
(47) 31.10.2018
(22) 22.09.2011
(54) Securing element and transport frame for elements of a wind power assembly
(73) Wader-Wittis GmbH
(72) Behr, Carl Peter
(31) 102010046171
102011112784
(32) 23.09.2010
09.09.2011
(33) Germany
Germany

(51) F03D 80/00
F03D 13/20
(11) EP1975405
(21) EP08004095.9
(47) 31.10.2018
(22) 05.03.2008
(54) Connection of elements of a wind turbine plant, use thereof and method
(73) Senvion GmbH
(72) Eusterbarkey, Carsten
(31) 102007014860
(32) 26.03.2007
(33) Germany

(51) F03D 80/50
F03D 9/28
(11) EP2896825
(21) EP12890329.1
(47) 31.10.2018
(87) JP2012082937
26.06.2014
(22) 19.12.2012
(54) RENEWABLE ENERGY POWER GENERATION DEVICE
(73) Mitsubishi Heavy Industries, Ltd.
(72) KAMEDA, Takuro
DODSON, Henry
ROBERTSON, Alasdair

(51) F03D 80/70
F04B 23/08
(11) EP2855928
(21) EP13720914.4
(47) 31.10.2018
(87) EP2013059098
12.12.2013
(22) 02.05.2013
(54) METHOD FOR LUBRICATING A GEARBOX FOR A WIND TURBINE
(73) ZF Wind Power Antwerpen NV
(72) LEIMANN, Dirk
(31) 12170773
(32) 05.06.2012
(33) European Patent Office (EPO)

(51) F03H 1/00
(11) EP2478219
(21) EP10770585.7
(47) 31.10.2018
(87) FR2010051943
24.03.2011
(22) 17.09.2010
(54) HALL-EFFECT PLASMA THRUSTER
(73) Safran Aircraft Engines
(72) MARCHANDISE, Frédéric
PATTYN, Jean-Luc
GODARD, Laurent
INDERSIE, Dominique
(31) 0956397
(32) 17.09.2009
(33) France

(51) F04B 1/04
F04B 1/06
F03C 1/40
F04B 1/10
(11) EP3190292
(21) EP16197607.1
(47) 31.10.2018
(22) 07.11.2016
(54) DISTRIBUTION DEVICE FOR A HYDRAULIC MACHINE AND HYDRAULIC MACHINE PROVIDED WITH SUCH A DEVICE
(73) Poclain Hydraulics Industrie
(72) COSTAZ, Dominique
BONNARD, Loic
VIARD, Julien
(31) 1560767
(32) 10.11.2015
(33) France

(51) F04B 13/02
F04B 23/06
G01N 1/38
G01N 1/40
G01N 30/20
(11) EP2401502
(21) EP10746644.3
(47) 31.10.2018
(87) US2010024387
02.09.2010
(22) 17.02.2010

(54) AUTOMATED DILUTION FOR LIQUID CHROMATOGRAPHY
(73) Waters Technologies Corporation
(72) CORMIER, Sylvain
ANDREWS, Richard, W.
TACCONI, Robert
DOBBS, Craig, H.
(31) 156040 P
(32) 27.02.2009
(33) United States of America

(51) F04B 35/04
(11) EP2192301
(21) EP08832281.3
(47) 31.10.2018
(87) JP2008066876
26.03.2009
(22) 18.09.2008
(54) ELECTRIC COMPRESSOR INTEGRATING INVERTER
(73) Mitsubishi Heavy Industries, Ltd.
(72) WATANABE, Takayuki
SUZUKI, Manabu
ICHISE, Yuki
SAKAGUCHI, Yukihiro
HIRANO, Takeshi
YOSHIOKA, Akinori
HAGITA, Takayuki
(31) 2007245137
(32) 21.09.2007
(33) Japan

(51) F04B 49/06
E02F 9/20
E02F 9/22
B66C 23/86
E02F 9/12
F04B 49/00
F04B 49/22
(11) EP2617999
(21) EP11824752.7
(47) 31.10.2018
(87) JP2011005087
22.03.2012
(22) 09.09.2011
(54) METHOD FOR CONTROLLING DRIVING OF WORK MACHINE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) YAMAMOTO, Ryo
YAMADA, Masahiro
YUDATE, Yoji
(31) 2010206311
(32) 15.09.2010
(33) Japan

(51) F04B 49/06
F25J 3/02
(11) EP2484436
(21) EP10820318.3
(47) 31.10.2018
(87) JP2010065466
07.04.2011
(22) 09.09.2010
(54) GAS PROCESSING APPARATUS
(73) Mitsubishi Heavy Industries Compressor Corporation
(72) TAKEDA Kazuhiro
NAKAGAWA Yosuke
TAKEDA Tomoaki
MORI Yasushi
(31) 2009227020
(32) 30.09.2009
(33) Japan

(51) F04C 2/12
F04C 15/00
(11) EP3224478
(21) EP15831040.9
(47) 31.10.2018
(87) DE2015000552
02.06.2016
(22) 20.11.2015
(54) ROTARY PISTON PUMP, METHOD FOR SECURING ROTARY PISTONS OF A ROTARY PISTON PUMP AND METHOD FOR REMOVING ROTARY PISTONS OF A ROTARY PISTON PUMP
(73) NETZSCH Pumpen & Systeme GmbH
(72) WEIGL, Stefan
KNEIDL, Franz
SCHMITT, Thomas
DEHNZ, Achim
HINDERA, Dominik
OBERMAIER, Mathias
ROSAM, Markus
WEBER, Erwin
(31) 102014117166
(32) 24.11.2014
(33) Germany

(51) F04C 2/18
F04C 15/06
F04C 2/08
F04C 2/12
F04C 13/00
F04C 15/00
(11) EP2852762
(21) EP13726670.6
(47) 31.10.2018
(87) DE2013100127
07.11.2013
(22) 09.04.2013
(54) ROTARY PISTON PUMP WITH OPTIMISED INLET AND OUTLET
(73) NETZSCH Pumpen & Systeme GmbH
(72) WEIGL, Stefan
DENK, Reinhard
KAMAL, Hisham
STRASSL, Josef
KURZ, Robert
MURRENHOFF, Bernhard
BOEHME, Thomas
HERR, Gunther
KNEIDL, Franz
TEKNEYAN, Mikael
GRADL, Matthias
WEBER, Erwin
WILLIS, Roger
KERN, Stefan
KREIDL, Johann
VERHOEVEN, Marcel
(31) 102012008527
(32) 02.05.2012
(33) Germany

(51) F04C 18/02
(11) EP2454486
(21) EP10735064.7
(47) 31.10.2018
(87) GB2010051042
20.01.2011
(22) 23.06.2010
(54) SCROLL COMPRESSOR WITH SCROLLS COMPRISING PARTS WITH DIFFERENT HEIGHTS
(73) Edwards Limited
(72) STONES, Ian David
HOLBROOK, Alan Ernest Kinnaird
(31) 0912162
(32) 14.07.2009
(33) United Kingdom

(51) F04C 23/00
F04C 29/00
H02K 3/50
H02K 5/22
F04C 18/02
(11) EP2696076
(21) EP13178910.9
(47) 31.10.2018
(22) 01.08.2013
(54) Motor-driven compressor
(73) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(72) Fukasaku, Hiroshi
Yamashita, Takuro
(31) 2012176160
(32) 08.08.2012
(33) Japan

(51) F04C 25/02
F04C 28/02
F04C 28/24
F04C 29/04
F04C 18/10
F04C 18/12
F04C 18/16
F04C 18/344
F04B 41/06
F04B 37/02
F04B 37/14
F04C 23/00
(11) EP2823182
(21) EP13707630.3
(47) 31.10.2018
(87) EP2013054396
12.09.2013
(22) 05.03.2013
(54) IMPROVED PUMP INSTALLATION AND A CONTROL METHOD FOR SUCH A PUMP INSTALLATION
(73) Ateliers Busch S.A.
(72) ALERS, Paul
(31) 285122012
(32) 05.03.2012
(33) Switzerland

(51) F04D 5/00
B01L 3/00
F04B 19/00
(11) EP2828529
(21) EP13713776.6
(47) 31.10.2018
(87) EP2013055700
26.09.2013
(22) 19.03.2013
(54) SHEAR FORCE PUMP WITH ROTATING CYLINDER
(73) Envic-Sense AB
(72) GÅRDHAGEN, Peter
GÅRDHAGEN, Eva-Lena
(31) 1230029
(32) 22.03.2012

(33) Sweden

(51) F04D 13/02
H01F 13/00
H02K 49/10
(11) EP2960515
(21) EP14173705.6
(47) 31.10.2018
(22) 24.06.2014
(54) Magnetic coupling
(73) Grundfos Holding A/S
(72) Bendixen, Flemming Buus
Kjeldsteen, Peter
Søgaard, Allan Ivo

(51) F04D 15/00
G05D 7/06
(11) EP2758670
(21) EP12759483.6
(47) 31.10.2018
(87) EP2012068531
28.03.2013
(22) 20.09.2012
(54) PUMP UNIT
(73) Grundfos Holding A/S
(72) BOMHOLT, John
STRØM, Niels Jørgen
(31) 11007661
(32) 20.09.2011
(33) European Patent Office (EPO)

(51) F04D 19/00
F04D 29/64
F04D 29/66
(11) EP2216553
(21) EP10001336.6
(47) 31.10.2018
(22) 09.02.2010
(54) Assembly with a ventilator and refrigerator and/or freezer with such an assembly
(73) Liebherr-Hausgeräte Ochsenhausen GmbH
(72) Brauchle, Thomas
König, Gunnar
(31) 202009001550 U
202009003073 U
(32) 10.02.2009
03.03.2009
(33) Germany
Germany

(51) F04D 19/02
F02C 3/067
F02C 3/107
F02K 3/06
F04D 29/059
(11) EP3006713
(21) EP15185106.0
(47) 31.10.2018
(22) 14.09.2015
(54) COMPRESSOR OF AXIAL TURBINE ENGINE WITH CONTRA-ROTATING ROTOR
(73) Safran Aero Boosters SA
(72) HIERNAUX, Stéphane
(31) 201400740
(32) 09.10.2014
(33) Belgium

(51) F04D 19/04
F04D 29/02
F04D 29/52
(11) EP3034881
(21) EP14198987.1
(47) 31.10.2018
(22) 18.12.2014
(54) Vacuum pump
(73) Pfeiffer Vacuum GmbH
(72) Stoll, Tobias
Schweighöfer, Michael

(51) F04D 27/00
F04D 29/42
F04D 17/10
F04D 29/16
(11) EP3084227
(21) EP14830948.7
(47) 31.10.2018
(87) EP2014003377
25.06.2015
(22) 16.12.2014
(54) COMPRESSOR STAGE
(73) MAN Diesel & Turbo SE
(72) TIEDTKE, Alf-Peter
WOLLNIK, Matthias
(31) 102013020825
102014001998
(32) 17.12.2013
17.02.2014
(33) Germany
Germany

(51) F04D 29/54
F04D 29/66
(11) EP3059456
(21) EP14854492.7
(47) 31.10.2018
(87) JP2014052905
23.04.2015
(22) 07.02.2014
(54) COMPRESSOR AND GAS TURBINE
(73) Mitsubishi Heavy Industries, Ltd.
(72) WALKER Thomas
(31) 2013216696
(32) 17.10.2013
(33) Japan

(51) F15B 3/00
F15B 11/032
(11) EP2840260
(21) EP13181391.7
(47) 31.10.2018
(22) 22.08.2013
(54) Hydraulic system
(73) MINIBOOSTER HYDRAULICS A/S
(72) Clausen, Joergen Mads
Espersen, Christen
Hansen, Leif
Petersen, Brian
Todsen, Joergen P.
Ennemark, Poul
Jensen, Knud Meldgaard
Tychsen, Tom

(51) F15B 13/02
E02F 9/22
F15B 11/028
F15B 1/027
F15B 1/04
F15B 11/10
F15B 11/17
F15B 13/04
(11) EP2975273
(21) EP14764931.3
(47) 31.10.2018
(87) KR2014002089
18.09.2014
(22) 13.03.2014
(54) HYDRAULIC SYSTEM FOR CONSTRUCTION MACHINE
(73) Doosan Infracore Co., Ltd.
(72) CHO, Yong Lak
JANG, Dal Sik
JUNG, Woo Yong
AN, Min Ha
SEO, A Reum
LEE, Sang Woo
JANG, Yoon Seok
(31) 20130027260
20140021798
(32) 14.03.2013
25.02.2014
(33) Korea (Republic)
Korea (Republic)

(51) F15B 13/04
F15B 11/04
F16K 31/126
(11) EP3196483
(21) EP16183090.6
(47) 31.10.2018
(22) 05.08.2016
(54) PNEUMATIC VOLUME FLOW AMPLIFIER
(73) Samson Aktiengesellschaft
(72) Valentin-Rumpel, Frank
(31) 102016100919
(32) 20.01.2016
(33) Germany

(51) F15B 13/04
F16K 31/122
F16K 31/124
F16K 31/363
F16K 31/40
F02B 37/16
F16K 37/00
(11) EP2864644
(21) EP13807817.5
(47) 31.10.2018
(87) US2013046503
27.12.2013
(22) 19.06.2013
(54) VARIABLE FLOW VALVE FOR TURBOCHARGERS
(73) Dayco IP Holdings, LLC
(72) GRAICHEN, Brian
FLETCHER, Dave
MARKYVECH, Craig
(31) 201261662255 P
(32) 20.06.2012
(33) United States of America

(51) F15B 15/14
(11) EP2898222
(21) EP13762740.2
(47) 31.10.2018
(87) DE2013200133
27.03.2014
(22) 21.08.2013
(54) MASTER CYLINDER WITH A STOP RING AND A METHOD FOR PRODUCING SAID TYPE OF STOP RING
(73) Schaeffler Technologies AG & Co. KG
(72) WAGNER, Philippe
(31) 102012216704

(32) 19.09.2012
(33) Germany

(51) F15B 21/14
E02F 9/22
F15B 11/02
F15B 11/024
F15B 11/08
E02F 9/20
(11) EP2947332
(21) EP14740201.0
(47) 31.10.2018
(87) JP2014050718
24.07.2014
(22) 16.01.2014
(54) DEVICE FOR RECOVERING PRESSURIZED OIL ENERGY FROM WORK MACHINE
(73) Hitachi Construction Machinery Co., Ltd.
(72) HIJIKATA, Seiji
IMURA, Shinya
NISHIKAWA, Shinji
SATAKE, Hidetoshi
(31) 2013006202
(32) 17.01.2013
(33) Japan

(51) F16B 5/02
F16B 37/06
(11) EP3074643
(21) EP14830373.8
(47) 31.10.2018
(87) DE2014100415
04.06.2015
(22) 26.11.2014
(54) ADJUSTABLE FASTENING DEVICE AND METHOD FOR PRODUCING A PREFABRICATED SUBASSEMBLY FROM AT LEAST ONE ADJUSTABLE FASTENING DEVICE AND A COMPONENT
(73) Schmidt, Heiko
(72) Schmidt, Heiko
(31) 102013113098
102013113154
(32) 27.11.2013
28.11.2013
(33) Germany
Germany

(51) F16B 7/18
F16B 35/06
(11) EP3212944
(21) EP15781589.5
(47) 31.10.2018
(87) EP2015071535
06.05.2016
(22) 21.09.2015
(54) PROFILE CONNECTOR SCREW
(73) Flaig, Hartmut
(72) Flaig, Hartmut
(31) 202014105146 U
(32) 28.10.2014
(33) Germany

(51) F16B 19/10
F16B 37/06
(11) EP2960531
(21) EP15171947.3
(47) 31.10.2018
(22) 12.06.2015
(54) CRIMPING PIECE ON A SUPPORT, DEVICE COMPRISING SUCH A PIECE AND METHODS OF MANUFACTURING SUCH A PART AND SUCH A DEVICE
(73) Bollhoff Otalu S.A.
(72) Faguer, Sylvain
Bernard, Yann
Berlire, Emmanuelle
(31) 1401459
(32) 27.06.2014
(33) France

(51) F16B 21/16
(11) EP3221601
(21) EP15816903.7
(47) 31.10.2018
(87) TR2015050166
26.05.2016
(22) 10.11.2015
(54) A GUILLOTINE LOCK MECHANISM
(73) Otokar Otomotiv ve Savunma Sanayi Anonim Sirketi
(72) KAYA, Kayhan
BULAT, Hakan
(31) 201413606
(32) 18.11.2014
(33) Turkey

(51) F16B 31/04
B25B 29/02
(11) EP3117111
(21) EP15708842.8
(47) 31.10.2018
(87) EP2015055093
17.09.2015
(22) 11.03.2015
(54) BOLTED CONNECTION
(73) ArianeGroup SAS
(72) COFFINEY, Sebastien
(31) 1452084
(32) 13.03.2014
(33) France

(51) F16B 39/04
F16B 39/08
F16B 39/12
F16B 39/282
(11) EP3215750
(21) EP15828635.1
(47) 31.10.2018
(87) DE2015100456
12.05.2016
(22) 30.10.2015
(54) SECURING ELEMENT AND SECURING SYSTEM
(73) Zollmann GmbH
(72) ZOLLMANN, Martin
(31) 102014116227
(32) 06.11.2014
(33) Germany

(51) F16C 3/035
B62D 1/185
F16D 3/06
(11) EP2806176
(21) EP14169308.5
(47) 31.10.2018
(22) 21.05.2014
(54) Rolling element intermediate shaft assembly
(73) Steering Solutions IP Holding Corporation
(72) Daenzer, Troy A.
Simon, Dan C.
Magnus, Brian J.
Ryne, Patrik M.
(31) 201361825884 P
(32) 21.05.2013
(33) United States of America

(51) F16C 17/04
F02B 39/00
F02B 39/14
F16C 32/06
F16C 33/10
(11) EP2799731
(21) EP12863870.7
(47) 31.10.2018
(87) JP2012082156
04.07.2013
(22) 12.12.2012
(54) THRUST BEARING DEVICE FOR SUPERCHARGER
(73) Mitsubishi Heavy Industries, Ltd.
(72) HAYASHI, Noriyuki
SUZUKI, Hiroshi
(31) 2011285384
(32) 27.12.2011
(33) Japan

(51) F16C 19/50
F04C 29/00
(11) EP2567114
(21) EP11709098.5
(47) 31.10.2018
(87) EP2011053608
10.11.2011
(22) 10.03.2011
(54) ECCENTRIC BEARING
(73) Robert Bosch GmbH
(72) HAECKER, Juergen
ALAZE, Norbert
(31) 102010028584
(32) 05.05.2010
(33) Germany

(51) F16C 32/04
F04D 19/04
F04D 29/058
(11) EP3135932
(21) EP15182204.6
(47) 31.10.2018
(22) 24.08.2015
(54) VACUUM PUMP AND PERMANENT MAGNET BEARING
(73) PFEIFFER VACUUM GMBH
(72) Conrad, Armin
Mädler, Matthias

(51) F16C 33/12
F16C 33/14
F16C 33/10
F16C 33/06
(11) EP3051157
(21) EP14847296.2
(47) 31.10.2018
(87) JP2014075477
02.04.2015
(22) 25.09.2014
(54) SLIDING MEMBER
(73) Senju Metal Industry Co., Ltd
(72) SATO, Naoki
KURATA, Ryoichi
(31) 2013202304
(32) 27.09.2013

(33) Japan

(51) F16C 33/14
B32B 15/01
C23C 14/16
C23C 28/02
F16C 33/12
C22C 9/02
C22C 9/04
C22C 9/06
C22C 21/00
C22C 9/01
(11) EP2928685
(21) EP13814056.1
(47) 31.10.2018
(87) EP2013075360
12.06.2014
(22) 03.12.2013
(54) SLIDING BEARING COMPOSITE MATERIAL
(73) KS Gleitlager GmbH
(72) KYRSTA, Stepan
PUCHER, Klaus
LANGNER, Heinbert
SCHUBERT, Werner
(31) 102012222327
(32) 05.12.2012
(33) Germany

(51) F16C 33/20
F16C 33/28
C08K 3/30
C08K 3/34
(11) EP2850330
(21) EP13723695.6
(47) 31.10.2018
(87) EP2013058965
21.11.2013
(22) 30.04.2013
(54) SLIDING BEARING COMPOSITE MATERIAL
(73) KS Gleitlager GmbH
(72) PASTERNAK, Axel
REINICKE, Dr. Rolf
BICKLE, Ruediger
SCHMID, Andreas
RICHTER, Frank
STECK, Corina
(31) 102012208346
(32) 18.05.2012
(33) Germany

(51) F16C 33/46
F16C 33/51
F16C 33/58
F16C 17/22
F16C 33/56
(11) EP2876320
(21) EP14194075.9
(47) 31.10.2018
(22) 20.11.2014
(54) Split Cage And Roller Bearing
(73) JTEKT CORPORATION
(72) Yasuda, Hirotaka
(31) 2013242857
(32) 25.11.2013
(33) Japan

(51) F16C 33/76
B60B 35/02
F16C 19/18
F16C 41/00
(11) EP2829755
(21) EP13765188.1
(47) 31.10.2018
(87) JP2013058141
26.09.2013
(22) 21.03.2013
(54) WHEEL BEARING APPARATUS
(73) NTN Corporation
(72) SUZUKI, Syougo
FUKUSHIMA, Shigeaki
TAKAKI, Masuo
TAKADA, Sadako
OHTSUKI, Hisashi
(31) 2012064296
2012068664
2012069275
2012072794
2012145800
(32) 21.03.2012
26.03.2012
26.03.2012
28.03.2012
28.06.2012
(33) Japan
Japan
Japan
Japan
Japan

(51) F16C 33/78
F16C 33/74
B29C 45/37
F16J 15/32
F16C 33/66
(11) EP2821661
(21) EP14172092.0
(47) 31.10.2018
(22) 12.06.2014
(54) Sealing device
(73) NOK CORPORATION
(72) Furuyama, Hideyuki
Yamaguchi, Yoshihisa
Watanabe, Toshiki
Shonai, Masaru
(31) 2013139683
(32) 03.07.2013
(33) Japan

(51) F16D 11/14
F16D 1/10
B60K 17/04
B60K 17/06
F16H 57/08
(11) EP2969628
(21) EP13877514.3
(47) 31.10.2018
(87) US2013030761
18.09.2014
(22) 13.03.2013
(54) FINAL DRIVE DISCONNECT MECHANISM
(73) Allison Transmission Inc.
(72) COMBS, Robert, F.
BARKER, Charles, A.
PRIEST, James

(51) F16D 41/20
(11) EP2971833
(21) EP14770999.2
(47) 31.10.2018
(87) US2014017552
25.09.2014
(22) 21.02.2014
(54) ACCESSORY DRIVE DECOUPLER
(73) Dayco IP Holdings, LLC
(72) LANNUTTI, Anthony E.
DUTIL, Kevin G.
MILLER, James H.
(31) 201313839182
(32) 15.03.2013
(33) United States of America

(51) F16D 48/06
(11) EP3243009
(21) EP15828815.9
(47) 31.10.2018
(87) DE2015200534
14.07.2016
(22) 10.12.2015
(54) METHOD FOR DETERMINING A BITE POINT OF A HYBRID CLUTCH IN A HYBRID VEHICLE
(73) Schaeffler Technologies AG & Co. KG
(72) LIENHARD, Markus
(31) 102015200108
(32) 08.01.2015
(33) Germany

(51) F16D 48/06
F16D 13/22
F16D 11/00
(11) EP3292316
(21) EP16712208.4
(47) 31.10.2018
(87) EP2016000433
10.11.2016
(22) 10.03.2016
(54) METHOD FOR ACTUATING A POSITIVELY LOCKING SHIFTING UNIT
(73) Daimler AG
(72) TONIUS, Nils
HAERTER, Tobias
(31) 102015005803
(32) 06.05.2015
(33) Germany

(51) F16D 51/00
(11) EP3004679
(21) EP14727568.9
(47) 31.10.2018
(87) EP2014061514
11.12.2014
(22) 03.06.2014
(54) DRUM BRAKE WHICH CAN BE OPERATED BY AN ELECTRIC MOTOR
(73) Continental Teves AG & Co. OHG
(72) BACH, Uwe
HOFFMANN, Jens
GÖRRISSEN, Niclas
RITTER, Wolfgang
SEFO, Ahmed
VON HAYN, Holger
(31) 102013210528
(32) 06.06.2013
(33) Germany

(51) F16D 55/00
(11) EP3191727
(21) EP15775282.5
(47) 31.10.2018
(87) US2015049320
17.03.2016
(22) 10.09.2015

(54) AIRCRAFT BRAKE ASSEMBLY STRUCTURES FOR REDUCING NOISE
(73) MEGGITT AIRCRAFT BRAKING SYSTEMS CORPORATION
(72) HILL, James L.
SUPONCIC, Michael J.
CLASON, Jamie B.
EPLIN, Matthew E.
ECCLES, Michael B.
HALL, John M.
BURKHALTER, Kurt
DYKO, Mark P.
GLAZNIEKS, Dene W.
FEHR, Dana J.
(31) 201462048443 P
(32) 10.09.2014
(33) United States of America

(51) F16D 65/097
(11) EP3033538
(21) EP14753206.3
(47) 31.10.2018
(87) EP2014002248
19.02.2015
(22) 14.08.2014
(54) LINING RETAINING SPRING FOR A BRAKE LINING AND BRAKE LINING RETAINER FOR A DISC BRAKE ON A MOTOR VEHICLE
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) GASSLBAUER, Franz
(31) 102013013686
(32) 16.08.2013
(33) Germany

(51) F16D 65/097
F16D 55/226
(11) EP3033539
(21) EP14758502.0
(47) 31.10.2018
(87) EP2014002247
19.02.2015
(22) 14.08.2014
(54) BRAKE PAD OF A DISK BRAKE, AND DISK BRAKE
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) GRAAF, Jutta
SCHROPP, Josef
SCHÖNAUER, Manfred
(31) 102013013687
(32) 16.08.2013
(33) Germany

(51) F16D 65/12
F16D 65/092
(11) EP3027927
(21) EP14731979.2
(47) 31.10.2018
(87) EP2014063291
05.02.2015
(22) 24.06.2014
(54) FRICTION RING BODY FOR A RAIL WHEEL BRAKE AND RAIL WHEEL BRAKE
(73) Faiveley Transport Witten GmbH
(72) KRAUSE, Henrik
WURTH, Sebastian
MEHLAN, Andreas
(31) 202013103487 U
(32) 02.08.2013
(33) Germany

(51) F16F 1/38
(11) EP2489898
(21) EP11007556.1
(47) 31.10.2018
(22) 16.09.2011
(54) Bearing and method for its manufacture
(73) Vibracoustic GmbH
(72) Hettler, Werner
(31) 102011011298
(32) 15.02.2011
(33) Germany

(51) F16F 3/02
F16F 1/16
F16F 1/18
H04M 1/02
F16F 3/10
(11) EP2801732
(21) EP13743485.8
(47) 31.10.2018
(87) JP2013051459
08.08.2013
(22) 24.01.2013
(54) SPRING UNIT AND SLIDE MECHANISM
(73) Mitsubishi Steel MFG. CO., LTD.
(72) MITSUI, Yasuhiro
HIROKANE, Toru
(31) 2012018742
(32) 31.01.2012
(33) Japan

(51) F16F 7/10
B64C 27/04
(11) EP3273087
(21) EP17177507.5
(47) 31.10.2018
(22) 22.06.2017
(54) A RESONATOR AND AN AIRCRAFT PROVIDED WITH THE RESONATOR
(73) Airbus Helicopters
(72) BOCOVIZ, Claude
ECARD, Valentin
INQUIETE, Guillaume
EBERHARD, Alain
TAILLAND, Laurine
(31) 1601110
(32) 19.07.2016
(33) France

(51) F16F 9/348
F16F 9/512
(11) EP1925845
(21) EP06024367.2
(47) 31.10.2018
(22) 24.11.2006
(54) A hydraulic suspension damper
(73) BWI Company Limited S.A.
(72) Widla, Waldemar
Maniowski, Michal Dariusz

(51) F16F 9/38
B60G 13/00
F16F 9/54
(11) EP3204663
(21) EP15771202.7
(47) 31.10.2018
(87) FR2015052419
14.04.2016
(22) 10.09.2015
(54) PROTECTION SYSTEM FOR HYDRAULIC SHOCK ABSORBER COMPRISING A GAITER AND VENTILATION DRILLINGS
(73) PSA Automobiles SA
(72) MULLER, Jerome
LE COSQUER, Yannick
JEANNEAU, Yann
SIGOGNAULT, André-Louis
(31) 1459693
(32) 09.10.2014
(33) France

(51) F16F 9/44
F16F 9/46
F16F 9/34
F16F 9/348
(11) EP2791542
(21) EP11877253.2
(47) 31.10.2018
(87) CN2011085171
20.06.2013
(22) 31.12.2011
(54) SHOCK ABSORBER SYSTEM AND METHOD
(73) BeijingWest Industries Co. Ltd.
(72) GOLDASZ, Janusz
NEHL, Thomas W.
SZKLARZ, Zbigniew
(31) 201161570324 P
(32) 14.12.2011
(33) United States of America

(51) F16F 9/46
(11) EP2255103
(21) EP09722610.4
(47) 31.10.2018
(87) EP2009002026
24.09.2009
(22) 19.03.2009
(54) OSCILLATION DAMPER HAVING BACKPACK VALVE
(73) ThyssenKrupp Bilstein GmbH
(72) HAMERS, Wolfgang
KREFELD, Andreas
(31) 102008015412
(32) 20.03.2008
(33) Germany

(51) F16F 9/512
F16F 9/34
F16F 1/32
F16F 9/348
(11) EP2201262
(21) EP08838735.2
(47) 31.10.2018
(87) SE2008051163
23.04.2009
(22) 15.10.2008
(54) SHOCK ABSORBER VALVE WITH SPRING ARRANGEMENT
(73) ÖHLINS RACING AB
(72) SÖNSTERÖD, Lars
(31) 0702317
(32) 17.10.2007
(33) Sweden

(51) F16F 9/54
B62D 7/18
B60G 7/02
B60G 13/00
(11) EP3197693

(21) EP15766832.8
(47) 31.10.2018
(87) EP2015071682
31.03.2016
(22) 22.09.2015
(54) STRUT ROD MADE OF A COMPOSITE MATERIAL FOR THE FRONT END SUSPENSION OF A VEHICLE
(73) PSA Automobiles SA
KYB Corporation
(72) ALLEGRE, Jean Marc
HERNETTE, Vincent
(31) 1458989
(32) 24.09.2014
(33) France

(51) F16F 15/129
F16F 15/14
F16D 13/64
(11) EP3201491
(21) EP15766547.2
(47) 31.10.2018
(87) EP2015071791
07.04.2016
(22) 22.09.2015
(54) CLUTCH FRICTION DISC
(73) Valeo Embrayages
(72) MARECHAL, Olivier
BOITELLE, Maxence
BAGARD, Didier
(31) 1459294
(32) 30.09.2014
(33) France

(51) F16G 5/20
B29D 29/08
D03D 1/00
F16G 5/08
(11) EP2201266
(21) EP08752756.0
(47) 31.10.2018
(87) JP2008058895
19.03.2009
(22) 08.05.2008
(54) V-RIBBED BELT AND METHOD FOR MANUFACTURING SAME
(73) Gates Corporation
(72) MORI, Masahiro
GAO, Min
HALL, Lance, C.
WU, Shawn Xiang
(31) 2007239003
(32) 14.09.2007
(33) Japan

(51) F16G 13/16
(11) EP2839182
(21) EP13715690.7
(47) 31.10.2018
(87) EP2013057594
24.10.2013
(22) 11.04.2013
(54) DRAG CHAIN WITH ROLLERS
(72) JAEKER, Thilo, Alexander
(31) 202012003908 U
(32) 19.04.2012
(33) Germany

(51) F16H 25/22
H02K 7/06
(11) EP2824366
(21) EP14176623.8
(47) 31.10.2018
(22) 10.07.2014
(54) Electric motor
(73) Moteurs Leroy-Somer
(72) Mounier, Christian
Rozek, Georges
Chamand, Jérémy
Gherairi, Haikel
(31) 1356911
(32) 12.07.2013
(33) France

(51) F16H 57/04
(11) EP3141779
(21) EP16187453.2
(47) 31.10.2018
(22) 06.09.2016
(54) POWER TRANSMISSION APPARATUS
(73) Toyota Jidosha Kabushiki Kaisha
(72) KUROSAKI, Yuki
SHIOIRI, Hiroyuki
SHIBATA, Hiroyuki
YASUI, Hiroki
(31) 2015176751
(32) 08.09.2015
(33) Japan

(51) F16H 57/04
F02C 7/36
(11) EP3236111
(21) EP17167331.2
(47) 31.10.2018
(22) 20.04.2017
(54) OIL TRANSFER UNIT FOR TRANSFERRING OIL BETWEEN A STATIONARY PART AND A ROTATING PART
(73) GE Avio S.r.l.
(72) GRAVINA, Michele
DELLAVALLE, Federico
PERONA, Elio
(31) UA20162735
(32) 20.04.2016
(33) Italy

(51) F16H 59/04
(11) EP2754922
(21) EP13150855.8
(47) 31.10.2018
(22) 10.01.2013
(54) SHIFTER ASSEMBLY HAVING A BIASED BUSHING
(73) Kongsberg Driveline Systems SAS
(72) Salle, Frédérik

(51) F16H 61/12
F16H 61/662
(11) EP3176472
(21) EP15826736.9
(47) 31.10.2018
(87) JP2015066034
04.02.2016
(22) 03.06.2015
(54) CONTINUOUSLY VARIABLE TRANSMISSION AND CONTROL METHOD THEREFOR
(73) Jatco Ltd
Nissan Motor Co., Ltd
(72) TAKAHASHI, Kunihiro
IZUMI, Tetsuya
MIYAZONO, Masayuki
INOUE, Takuichiro
SUWABE, Masashi
KOMATSU, Makoto
OKAMOTO, Yuji
(31) 2014154064
(32) 29.07.2014
(33) Japan

(51) F16H 61/14
(11) EP3190316
(21) EP14901300.5
(47) 31.10.2018
(87) JP2014073223
10.03.2016
(22) 03.09.2014
(54) LOCK-UP CLUTCH CONTROL DEVICE FOR VEHICLE
(73) Nissan Motor Co., Ltd
(72) TOHTA, Yuzuru

(51) F16J 15/06
F16J 15/10
E21B 17/00
B82Y 30/00
E21B 33/12
(11) EP3120051
(21) EP15764105.1
(47) 31.10.2018
(87) US2015021161
24.09.2015
(22) 18.03.2015
(54) DOWNHOLE USES OF NANOSPRING FILLED ELASTOMERS
(73) Baker Hughes, a GE company, LLC
(72) DIFOGGIO, Rocco
(31) 201414218008
(32) 18.03.2014
(33) United States of America

(51) F16J 15/3236
F16J 15/02
F16J 15/48
(11) EP3183481
(21) EP15753050.2
(47) 31.10.2018
(87) EP2015069199
25.02.2016
(22) 21.08.2015
(54) SEAL RING FOR AXIALLY SEALING TWO PARTS ARRANGED SO AS TO BE ABLE TO MOVE AXIALLY WITH RESPECT TO ONE ANOTHER, AND SEAL SYSTEM HAVING THE SEAL RING
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) CSOMA, Zsigmond
JAKAB, David
(31) 102014112013
(32) 22.08.2014
(33) Germany

(51) F16J 15/44
F16J 15/34
(11) EP3191746
(21) EP15778357.2
(47) 31.10.2018
(87) FR2015052379
17.03.2016
(22) 08.09.2015
(54) SEALING SYSTEM AND TURBOPUMP COMPRISING SUCH A SYSTEM
(73) SAFRAN AIRCRAFT ENGINES

(72) FABBRI, Laurent
LANGLOIS, Vincent
SENE, Cédric
(31) 1458546
(32) 11.09.2014
(33) France

(51) F16K 1/22
F16K 27/02
F02D 9/10
F02M 26/70
(11) EP3025079
(21) EP14750570.5
(47) 31.10.2018
(87) FR2014051824
29.01.2015
(22) 16.07.2014
(54) VALVE, NOTABLY FOR COMBUSTION ENGINE
(73) Valeo Systèmes de Contrôle Moteur
(72) MARTIN, Nicolas
HODEBOURG, Grégory
CRAVO, David
(31) 1357433
(32) 26.07.2013
(33) France

(51) F16K 11/052
F16K 31/64
F16K 31/54
F16K 17/26
G05D 23/13
(11) EP2594832
(21) EP11806263.7
(47) 31.10.2018
(87) CN2011076016
19.01.2012
(22) 21.06.2011
(54) MIXING ADJUSTING THERMOSTATIC WATER VALVE WITH PRESSURE BALANCING DEVICE
(73) Pan, Zhaokeng
(72) Pan, Zhaokeng
(31) 201010232044
(32) 14.07.2010
(33) China

(51) F16K 11/085
F25D 17/00
(11) EP2827031
(21) EP13382289.0
(47) 31.10.2018
(22) 15.07.2013
(54) Residual water evacuation network
(73) ABN Pipe Systems, S.L.U.
(72) Vazquez Sanchez, Javier Antonio
Rosa Ariza, David
Lorenzo Magaz, Santiago
Campo Arnaiz, Rosa Ana

(51) F16K 17/12
F16K 24/04
F16K 1/38
F16K 1/54
F16K 31/08
(11) EP2875269
(21) EP13737277.7
(47) 31.10.2018
(87) EP2013065075
23.01.2014
(22) 17.07.2013
(54) A PRESSURE RELIEF VALVE
(73) Pres-Vac Engineering A/S
(72) PALMQVIST, Ronni
(31) 201270435
(32) 18.07.2012
(33) Denmark

(51) F16K 31/04
(11) EP2902681
(21) EP14153064.2
(47) 31.10.2018
(22) 29.01.2014
(54) A modular motor driven actuator
(73) Danfoss A/S
(72) Benedik, Gasper
Clausen, Anders Østergaard
Andersen, Torben Lund
Munch, Lars

(51) F16K 31/04
F16K 11/07
F16K 31/50
F16K 31/53
F16H 61/02
F16H 25/20
(11) EP3176479
(21) EP15826598.3
(47) 31.10.2018
(87) JP2015070546
04.02.2016
(22) 17.07.2015
(54) SPOOL VALVE
(73) NTN Corporation
(72) SASANUMA Kyohei
NORIMATSU Takayuki
HATTORI Naoshi
SAITO Takahide
KAWAMURA Hiroshi
(31) 2014156595
(32) 31.07.2014
(33) Japan

(51) F16K 31/50
(11) EP3186536
(21) EP14758131.8
(47) 31.10.2018
(87) EP2014068400
03.03.2016
(22) 29.08.2014
(54) VALVE ACTUATING DEVICE WITH ANTI-ROTATION AND AXIAL GUIDANCE MEANS
(73) Aktiebolaget SKF
(72) DUBUS, Jérôme
BOCH, Christian

(51) F16K 31/524
(11) EP3295066
(21) EP15763628.3
(47) 31.10.2018
(87) EP2015071428
23.03.2017
(22) 18.09.2015
(54) ROLLER LEVER ACTUATING DEVICE AND ROLLER LEVER VALVE EQUIPPED THEREWITH
(73) Festo AG & Co. KG
(72) STERNS, Frank
PAECH, Stephan

(51) F16K 35/06
F16K 35/02
F16K 5/06
(11) EP3135971
(21) EP16185715.6
(47) 31.10.2018
(22) 25.08.2016
(54) IMPROVED SYSTEM FOR BRAKING A VALVE
(73) ArianeGroup SAS
(72) BLANC, Bruno
LLANOS GARCIA, Jesus
CARON, Anthony
(31) 1557926
(32) 26.08.2015
(33) France

(51) F16K 47/08
F16K 1/54
F16K 3/24
(11) EP2841833
(21) EP13781222.8
(47) 31.10.2018
(87) US2013037649
31.10.2013
(22) 22.04.2013
(54) MULTI-STAGE FLUID FLOW CONTROL DEVICE
(73) Control Components, Inc.
(72) VENKITASUBRAMONY, Sadasivan
PARAMBIL, Sujith Elayattil
(31) 201261637715 P
201313827462
(32) 24.04.2012
14.03.2013
(33) United States of America
United States of America

(51) F16L 3/18
F16L 57/06
F16F 3/087
F16F 15/08
(11) EP2962030
(21) EP14729028.2
(47) 31.10.2018
(87) FR2014000049
04.09.2014
(22) 28.02.2014
(54) DEVICE FOR PROTECTING MECHANICAL PARTS
(73) 3X Engineering
(72) BOULET D'AURIA, Stanislas
(31) 1351807
(32) 28.02.2013
(33) France

(51) F16L 5/02
F16L 21/00
F16L 25/14
(11) EP3091261
(21) EP16168330.5
(47) 31.10.2018
(22) 04.05.2016
(54) SLEEVE ADAPTER
(73) Funke Kunststoffe GmbH
(72) Funke, Norbert
Funke, Hans-Günter
(31) 202015102252 U
(32) 04.05.2015
(33) Germany

(51) F16L 9/00
F16L 9/128
F16L 9/17
F16L 11/02

F24F 13/02
(11) EP2773910
(21) EP12833259.0
(47) 31.10.2018
(87) SE2012000143
28.03.2013
(22) 20.09.2012
(54) DUCT AND A METHOD FOR ITS MANUFACTURE
(73) Climate Recovery Ind Ab
(72) WALLIN, Peter
BERNHARDSSON, Göran
(31) 1100696
(32) 22.09.2011
(33) Sweden

(51) F16L 9/00
F16L 55/027
F15D 1/02
(11) EP3004708
(21) EP14738573.6
(47) 31.10.2018
(87) GB2014051610
27.11.2014
(22) 27.05.2014
(54) IMPROVEMENT TO MATERIAL FLOW
(73) Farrow, Nigel Richard
(72) Farrow, Nigel Richard
(31) 201361827311 P
(32) 24.05.2013
(33) United States of America

(51) F16L 11/04
F16L 11/06
F16L 11/12
F16L 11/08
B29K 105/08
B29C 47/00
B29C 47/02
B29C 47/06
B29K 77/00
(11) EP3047187
(21) EP14844086.0
(47) 31.10.2018
(87) US2014055605
19.03.2015
(22) 15.09.2014
(54) HOSE WITH RUBBER AND PLASTIC
(73) Eaton Corporation
(72) CLARK, Aaron David
CLARK, Gina Theresa
(31) 201361878238 P
(32) 16.09.2013
(33) United States of America

(51) F16L 19/06
F16L 19/08
(11) EP3112736
(21) EP16176554.0
(47) 31.10.2018
(22) 28.06.2016
(54) PULL-OUT PROTECTION
(73) E. Hawle Armaturenwerke GmbH
(72) Stiegler, Andreas
Jodlbauer, Johann
(31) 505662015
(32) 30.06.2015
(33) Austria

(51) F16L 23/08
F01N 13/18
(11) EP3189261
(21) EP15763967.5
(47) 31.10.2018
(87) FR2015052333
10.03.2016
(22) 03.09.2015
(54) SYSTEM FOR COUPLING TWO TUBES
(73) Etablissements Caillau
(72) PREVOT, Fabrice
RIGOLLET, Nicolas
DRIVON, Stéphane
(31) 1458303
(32) 04.09.2014
(33) France

(51) F16L 37/36
F16K 31/44
F16K 31/528
F16K 1/12
(11) EP3230648
(21) EP14824398.3
(47) 31.10.2018
(87) EP2014077573
16.06.2016
(22) 12.12.2014
(54) PREFABRICATED VALVE ASSEMBLY, ASSEMBLY METHOD FOR ASSEMBLING THE VALVE ASSEMBLY, RECEIVING PART OF A DRY COUPLING FOR FLUID EQUIPPED WITH THE VALVE ASSEMBLY, AND DRY COUPLING FOR FLUID WHICH HAS THE RECEIVING PART
(73) Roman Seliger Armaturenfabrik GmbH
(72) HAMKENS, Hauke Peter
SYLLA, Jan-Oliver

(51) F16L 41/00
F16L 41/16
G01L 19/00
G01K 1/14
G01F 15/18
G01D 11/30
(11) EP3078894
(21) EP16164286.3
(47) 31.10.2018
(22) 07.04.2016
(54) DEVICE FOR POSITIONING A PROBE FOR MEASURING DATA FROM A FLUID INSIDE A CHANNEL AND RELATED METHOD
(73) Teseo S.r.L.
(72) GUZZONI, Gianfranco
(31) BS20150060
(32) 10.04.2015
(33) Italy

(51) F16M 13/00
(11) EP2988052
(21) EP15178132.5
(47) 31.10.2018
(22) 23.07.2015
(54) APPARATUS FOR SUPPORTING ELECTRONIC DEVICE
(73) Samsung Electronics Co., Ltd
(72) Choi, Inkyu
(31) 20140094865
(32) 25.07.2014
(33) Korea (Republic)

(51) F17C 1/00
F17C 1/12
(11) EP3198185
(21) EP15748005.4
(47) 31.10.2018
(87) EP2015067558
31.03.2016
(22) 30.07.2015
(54) CONTAINER FOR THE CRYOGENIC STORAGE OF FUEL
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) SZOUCSEK, Klaus
LANDECK, Bastian
(31) 102014219425
(32) 25.09.2014
(33) Germany

(51) F17C 5/06
F17C 9/02
F17C 13/02
(11) EP1994326
(21) EP07713046.6
(47) 31.10.2018
(87) IB2007000383
20.09.2007
(22) 19.02.2007
(54) COMBINED DIRECT AND INDIRECT REGASIFICATION OF LNG USING AMBIENT AIR
(73) Woodside Energy Limited
(72) FAKA, Solomon Aladja
(31) 782282 P
559144
(32) 15.03.2006
13.11.2006
(33) United States of America
United States of America

(51) F17C 5/06
F17C 13/02
F04B 9/125
F04B 35/00
(11) EP2201282
(21) EP08830390.4
(47) 31.10.2018
(87) LV2008000007
19.03.2009
(22) 09.09.2008
(54) METHOD FOR COMPRESSING GASEOUS FUEL FOR FUELLING VEHICLE AND DEVICE FOR IMPLEMENTATION THEREOF
(73) Hygen SIA
(72) SAFRONOVS, Aleksejs
(31) 070100
(32) 12.09.2007
(33) Latvia

(51) F17C 13/10
F17C 13/12
(11) EP3123074
(21) EP15706410.6
(47) 31.10.2018
(87) EP2015053342
01.10.2015
(22) 17.02.2015
(54) SYSTEM FOR STORING A PRESSURIZED GAS AND METHOD FOR EMPTYING A STORAGE CONTAINER FOR A PRESSURIZED GAS
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) KUNBERGER, Jan-Mark

KUNZE, Klaas
LANDECK, Bastian
PELGER, Andreas
SCHOTT, Stefan
(31) 102014205712
(32) 27.03.2014
(33) Germany

(51) F21L 4/08
F21S 9/02
F21S 8/00
H02J 7/35
H02J 9/06
F21S 9/03
F21V 23/04
F21V 23/06
F21Y 101/00
F21Y 115/10
H02J 7/02
(11) EP2762764
(21) EP13006029.6
(47) 31.10.2018
(22) 20.12.2013
(54) Wall illumination unit
(73) ABB AG
(72) Treude, Hans Jörg
(31) 102013001741
(32) 01.02.2013
(33) Germany

(51) F21S 2/00
F21V 7/00
F21V 11/14
(11) EP2479480
(21) EP10817291.7
(47) 31.10.2018
(87) JP2010066226
24.03.2011
(22) 17.09.2010
(54) LIGHT SOURCE DEVICE AND SURFACE ILLUMINATING DEVICE USING SAME LIGHT SOURCE DEVICE
(73) Opto Design, Inc.
(72) SATO, Eiichi
SATO, Hiroyasu
SATO, Ken
(31) 2009218115
(32) 18.09.2009
(33) Japan

(51) F21S 41/19
F21V 23/00
F21V 19/00
F21Y 115/10
(11) EP3249290
(21) EP17154813.4
(47) 31.10.2018
(22) 06.02.2017
(54) VEHICLE LIGHTING DEVICE AND VEHICLE LAMP
(73) Toshiba Lighting & Technology Corporation
(72) ISHIYAMA, Masayuki
TSUCHIYA, Ryuji
HINO, Kiyokazu
KANEKO, Takashi
KOSUGI, Daisuke
HATANAKA, Toshihiro
SHIRAISHI, Hiromitsu
(31) 2016106340
(32) 27.05.2016
(33) Japan

(51) F21S 41/255
F21S 41/29
F21S 45/50
B60Q 1/076
(11) EP3204688
(21) EP15788106.1
(47) 31.10.2018
(87) FR2015052480
14.04.2016
(22) 16.09.2015
(54) VEHICLE HEADLIGHT
(73) PSA Automobiles SA
(72) LE DALL, Christophe
GONCALVES, Whilk Marcelino
(31) 1459535
(32) 06.10.2014
(33) France

(51) F21V 8/00
(11) EP2989380
(21) EP14719266.0
(47) 31.10.2018
(87) EP2014057807
30.10.2014
(22) 16.04.2014
(54) LED LIGHT FITTING HAVING A LIGHT-GUIDING PANEL
(73) Zumtobel Lighting GmbH
(72) FEUERLE, Helmut
KILGA, Marcel
SPIEGEL, Michael
(31) 202013101770 U
(32) 24.04.2013
(33) Germany

(51) F21V 8/00
G02F 1/1335
G02F 1/1333
(11) EP3040607
(21) EP15202903.9
(47) 31.10.2018
(22) 29.12.2015
(54) DISPLAY DEVICE INCLUDING A BACKLIGHT UNIT
(73) LG Electronics Inc.
(72) KIM, Jaehyeok
KEE, Wondo
HWANG, Woongjoon
LEE, Jeoungoun
PARK, Dohan
(31) 20140195644
(32) 31.12.2014
(33) Korea (Republic)

(51) F21V 15/01
F21V 23/02
F21V 29/74
F21Y 115/10
(11) EP3118518
(21) EP16178317.0
(47) 31.10.2018
(22) 07.07.2016
(54) LIGHT HOUSING
(73) Zumtobel Lighting GmbH
(72) Galler, Gerhard
Hauser, Michael
(31) 202015103702 U
(32) 15.07.2015
(33) Germany

(51) F21V 15/01
F21Y 115/10
(11) EP3190339
(21) EP16207382.9
(47) 31.10.2018
(22) 29.12.2016
(54) A METHOD OF PROVIDING A HOUSING FOR LIGHTING DEVICES AND CORRESPONDING HOUSING
(73) OSRAM GmbH
(72) SAGLIOCCO, Alessio
CACCHIONE, Fabrizio
(31) UB20169901
(32) 11.01.2016
(33) Italy

(51) F21V 21/096
F21V 29/503
F21S 4/24
F21Y 103/10
F21Y 115/10
(11) EP3203146
(21) EP17152604.9
(47) 31.10.2018
(22) 23.01.2017
(54) SUPPORT STRUCTURE FOR LIGHT RADIATION SOURCES, CORRESPONDING DEVICE AND METHOD
(73) OSRAM GmbH
(72) SCORDINO, Alessandro
VAN DER MEER, Geert
VOLPATO, Luca
(31) UB20160552
(32) 08.02.2016
(33) Italy

(51) F21V 29/00
F21V 29/77
F21V 29/83
F21V 29/50
F21V 29/75
F21V 29/87
F21V 29/89
(11) EP2802813
(21) EP13723690.7
(47) 31.10.2018
(87) EP2013058925
21.11.2013
(22) 29.04.2013
(54) HEAT DISSIPATION DEVICE AND ILLUMINATION APPARATUS COMPRISING THE HEAT DISSIPATION DEVICE
(73) LEDVANCE GmbH
(72) HE, Guoan
WANG, MingTao
WANG, WanPu
(31) 201210149646
(32) 14.05.2012
(33) China

(51) F21V 29/70
F21K 9/238
H05B 37/02
H01Q 1/44
H01Q 9/04
H01Q 1/22
F21V 23/04
F21Y 115/10
F21Y 115/15
(11) EP3218959
(21) EP16705200.0

(47) 31.10.2018
(87) EP2016053554
22.09.2016
(22) 19.02.2016
(54) LIGHTING DEVICE WITH FIRST AND SECOND COUPLED AND INTER-MOVABLE ANTENNAS
(73) Philips Lighting Holding B.V.
(72) CREEMERS, Henricus, Mathijs, Maria
GEELS, Marijn
VAN KAATHOVEN, Dirk, Jan
DENKER, Roger, Henri
(31) 15159422
(32) 17.03.2015
(33) European Patent Office (EPO)

(51) F23C 6/04
F23C 5/28
(11) EP2318759
(21) EP08789982.9
(47) 31.10.2018
(87) IT2008000392
17.12.2009
(22) 12.06.2008
(54) COMBUSTION SYSTEM TO TRANSFER HEAT AT HIGH TEMPERATURE
(73) Processi Innovativi Srl
(72) GIACOBBE, Francesco

(51) F23C 7/00
F23D 17/00
F27B 7/34
F23D 14/34
F23D 1/00
(11) EP2283278
(21) EP09745972.1
(47) 31.10.2018
(87) FR2009050733
19.11.2009
(22) 21.04.2009
(54) BURNER WITH PERIPHERAL INJECTION POINTS FOR AN AXIAL AIR FLOW
(73) Fives Pillard
(72) PILLARD, Jean-Claude
(31) 0852836
(32) 28.04.2008
(33) France

(51) F23C 7/00
F23L 3/00
F23L 13/00
F23N 3/00
F23D 14/36
(11) EP2762780
(21) EP14153468.5
(47) 31.10.2018
(22) 31.01.2014
(54) Modular burner housing
(73) MHG Heiztechnik GmbH
(72) SCHULZ, Dirk
WOLFF, Stefan
JOHANNSEN, Sven
REICHARDT, Thimo
(31) 102013100990
(32) 31.01.2013
(33) Germany

(51) F23D 5/12
F23D 5/04
F23D 3/40
(11) EP3120078
(21) EP15716722.2
(47) 31.10.2018
(87) DE2015100102
24.09.2015
(22) 11.03.2015
(54) VAPORIZATION BURNER FOR A MOBILE LIQUID FUEL HEATING DEVICE
(73) Webasto SE
(72) DELL, Vitali
MÖSL, Klaus
SOMMERER, Stefan
KERSCHER, Thomas
(31) 102014103817
(32) 20.03.2014
(33) Germany

(51) F23D 11/16
F23K 5/10
F23R 3/34
(11) EP2423591
(21) EP11176846.1
(47) 31.10.2018
(22) 08.08.2011
(54) Method for operating a combustion chamber
(73) Ansaldo Energia IP UK Limited
(72) Zajadatz, Martin
Pennell, Douglas Anthony
Döbbeling, Klaus
(31) 10173910
(32) 24.08.2010
(33) European Patent Office (EPO)

(51) F23K 5/10
F23R 3/34
F23N 1/00
(11) EP2185867
(21) EP08831544.5
(47) 31.10.2018
(87) US2008010503
26.03.2009
(22) 08.09.2008
(54) APPARATUS AND METHOD FOR CONTROLLING THE SECONDARY INJECTION OF FUEL
(73) Siemens Energy, Inc.
(72) MARTIN, Scott M.
CAI, Weidong
HARRIS, Arthur J.
(31) 972405 P
972395 P
194611
(32) 14.09.2007
14.09.2007
20.08.2008
(33) United States of America
United States of America
United States of America

(51) F23M 5/08
F02K 9/64
F02K 9/97
F28F 13/12
(11) EP3129709
(21) EP15724039.1
(47) 31.10.2018
(87) IB2015052596
15.10.2015
(22) 09.04.2015
(54) COMBUSTOR OF A LIQUID PROPELLENT MOTOR
(73) AVIO S.p.A.
(72) BELLOMI, Paolo
LIUZZI, Daniele
RUDNYKH, Mikhail
(31) TO20140306
(32) 09.04.2014
(33) Italy

(51) F23M 5/08
F23M 5/04
F23R 3/00
F23R 3/60
(11) EP2883000
(21) EP13763244.4
(47) 31.10.2018
(87) EP2013069215
27.03.2014
(22) 17.09.2013
(54) DEVICE FOR COOLING A SUPPORTING STRUCTURE OF A HEAT SHIELD, AND HEAT SHIELD
(73) Siemens Aktiengesellschaft
(72) GRENDEL, Sabine
KLUGE, Andre
(31) 12185435
(32) 21.09.2012
(33) European Patent Office (EPO)

(51) F23N 1/02
F23N 3/08
(11) EP3249299
(21) EP17162516.3
(47) 31.10.2018
(22) 23.03.2017
(54) PREMIXING APPARATUS
(73) Rinnai Corporation
(72) Shimazu, Tomoyuki
(31) 2016076518
(32) 06.04.2016
(33) Japan

(51) F23N 5/08
G01N 21/00
F24H 9/20
G01N 21/39
F23M 5/08
G01N 21/84
(11) EP2376840
(21) EP10729501.6
(47) 31.10.2018
(87) US2010020345
15.07.2010
(22) 07.01.2010
(54) METHOD AND APPARATUS FOR MONITORING COMBUSTION PROPERTIES IN AN INTERIOR OF A BOILER
(73) John Zink Company, LLC
(72) ESTES, Michael John
SAPPEY, Andrew D.
HOFVANDER, Henrik
MOLITORIS, Allen
MASTERSON, Bernard Patrick
HUANG, Pei
(31) 143732 P
144384 P
(32) 09.01.2009
13.01.2009
(33) United States of America
United States of America

(51) F23Q 7/00

(11) EP3299719
(21) EP17191171.2
(47) 31.10.2018
(22) 14.09.2017
(54) GLOW PLUG
(73) NGK Spark Plug Co., Ltd.
(72) SUGIYAMA,, Yumi
OKADA,, Hirofumi
(31) 2016187459
(32) 26.09.2016
(33) Japan

(51) F23Q 7/00
F02P 19/02
(11) EP2833066
(21) EP13767529.4
(47) 31.10.2018
(87) JP2013059139
03.10.2013
(22) 27.03.2013
(54) GLOW PLUG AND METHOD OF ASSEMBLING SUCH A GLOW PLUG
(73) NGK SPARK PLUG CO., LTD.
(72) HATANO, Gaku
SUZUKI, Hiroyuki
(31) 2012075167
(32) 28.03.2012
(33) Japan

(51) F23R 3/00
F23M 5/04
F23M 5/08
(11) EP3104079
(21) EP16173610.3
(47) 31.10.2018
(22) 08.06.2016
(54) GAS TURBINE COMBUSTION CHAMBER HAVING AN ANCHORAGE DEVICE FOR HEAT-INSULATING TILES
(73) ANSALDO ENERGIA S.p.A.
(72) ABBA, Luca
PISTONE, Valerio
(31) UB20151339
(32) 08.06.2015
(33) Italy

(51) F23R 3/04
F23M 20/00
(11) EP3037725
(21) EP14199762.7
(47) 31.10.2018
(22) 22.12.2014
(54) Mixer for admixing a dilution air to the hot gas flow
(73) Ansaldo Energia Switzerland AG
(72) Tonon, Devis
Bothien, Mirko Ruben
Tay Wo Chong Hilares, Luis

(51) F23R 3/10
(11) EP2616742
(21) EP11773494.7
(47) 31.10.2018
(87) FR2011052084
22.03.2012
(22) 13.09.2011
(54) AERODYNAMIC SHROUD FOR THE DOME OF THE COMBUSTION CHAMBER OF A TURBOMACHINE
(73) Safran Aircraft Engines
(72) BOURGOIS, Sébastien, Alain, Christophe
HERNANDEZ, Didier, Hippolyte
(31) 1057319
(32) 14.09.2010
(33) France

(51) F23R 3/18
F23R 3/28
F23R 3/34
F23R 3/46
(11) EP2716976
(21) EP12793375.2
(47) 31.10.2018
(87) JP2012064271
06.12.2012
(22) 01.06.2012
(54) GAS TURBINE COMBUSTOR
(73) Kawasaki Jukogyo Kabushiki Kaisha
Japan Aerospace Exploration Agency
(72) KOBAYASHI, Masayoshi
ODA, Takeo
MATSUYAMA, Ryusuke
HORIKAWA, Atsushi
FUJIWARA, Hitoshi
(31) 2011124072
(32) 02.06.2011
(33) Japan

(51) F23R 3/50
F23M 20/00
(11) EP2119964
(21) EP08156299.3
(47) 31.10.2018
(22) 15.05.2008
(54) Method for reducing emissons from a combustor
(73) Ansaldo Energia IP UK Limited
(72) Eroglu, Adnan
Riccius, Oliver
Knapp, Klaus
Flohr, Peter

(51) F24C 7/04
F24C 7/08
F24C 11/00
F24C 7/06
F24C 15/34
(11) EP2577172
(21) EP11726931.6
(47) 31.10.2018
(87) GB2011050978
01.12.2011
(22) 24.05.2011
(54) HEAT STORAGE COOKER
(73) Aga Rangemaster Limited
(72) COLLINS, Patrick
(31) 201008608
(32) 24.05.2010
(33) United Kingdom

(51) F24C 7/08
(11) EP2378205
(21) EP11162297.3
(47) 31.10.2018
(22) 13.04.2011
(54) Method for guiding, instructing and/or teaching users of a cooking device and cooking device for performing the method
(73) Rational AG
(72) Klasmeier, Jürgen
Lauterbach, Katrin
(31) 102010016473
(32) 16.04.2010
(33) Germany

(51) F24C 15/20
F16B 21/02
F16B 5/10
(11) EP3196556
(21) EP16204961.3
(47) 31.10.2018
(22) 19.12.2016
(54) EXTRACTOR HOOD
(73) Miele & Cie. KG
(72) Robbert, Andreas
Schüsseler, Dirk
Eckardt, Gerd
(31) 102016101238
(32) 25.01.2016
(33) Germany

(51) F24C 15/32
F24C 15/20
(11) EP2857759
(21) EP14185423.2
(47) 31.10.2018
(22) 18.09.2014
(54) Over-the-range oven
(73) Samsung Electronics Co., Ltd.
(72) Jeong, Hee Soo
So, Sang Young
Shin, Kyu Ho
Yoon, Byeong Cheol
Hong, Seok Man
(31) 20130112594
(32) 23.09.2013
(33) Korea (Republic)

(51) F24D 3/14
F24D 19/10
(11) EP2950006
(21) EP15001599.8
(47) 31.10.2018
(22) 27.05.2015
(54) ROOM TEMPERATURE CONTROL FOR SURFACE HEATING
(73) Gabanyi, Peter
Gabanyi, Annette
(72) Gabanyi, Peter
(31) 102014008319
(32) 30.05.2014
(33) Germany

(51) F24D 3/16
E04F 13/08
E04C 2/52
(11) EP2975329
(21) EP15176610.2
(47) 31.10.2018
(22) 14.07.2015
(54) RADIATING SURFACE STRUCTURE AND METHOD FOR PRODUCING THE SAME
(73) Frenger Systemen BV Heiz- und Kühltechnik GmbH
(72) MENGE, Klaus
(31) 102014110070
(32) 17.07.2014
(33) Germany

(51) F24D 11/02
F24F 1/00
F28D 15/02
(11) EP3158269
(21) EP15741244.6

(47) 31.10.2018
(87) GB2015051794
23.12.2015
(22) 19.06.2015
(54) HEATING SYSTEM
(73) Flint Engineering Limited
(72) LESTER, Stephen
(31) 201410932
(32) 19.06.2014
(33) United Kingdom

(51) F24D 11/02
F24H 1/00
F28D 20/02
(11) EP3121522
(21) EP15764185.3
(47) 31.10.2018
(87) JP2015001162
24.09.2015
(22) 05.03.2015
(54) METHOD FOR CONTROLLING A HEAT STORAGE DEVICE AND METHOD FOR CONTROLLING A HOT WATER GENERATION DEVICE
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) NAKAYAMA, Tatsuo
ANDOU, Tosiaki
(31) 2014054636
(32) 18.03.2014
(33) Japan

(51) F24F 1/32
(11) EP2891845
(21) EP14194783.8
(47) 31.10.2018
(22) 14.04.2010
(54) Air conditioner
(73) LG Electronics, Inc.
(72) Yoon, Pil Hyun
Kwag, Hyun Ju
Jang, Seok Hoon
(31) 20090076837
(32) 19.08.2009
(33) Korea (Republic)

(51) F24F 5/00
C09K 5/06
E04F 13/00
F28D 20/02
(11) EP2133633
(21) EP09354026.8
(47) 31.10.2018
(22) 09.06.2009
(54) Installation having a parietal covering
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
GERFLOR
(72) Corgier, David
Ferlay, Charles
Julien, Hervé
(31) 0803222
(32) 10.06.2008
(33) France

(51) F24F 11/00
B08B 15/02
F24F 3/16
B25H 1/20
(11) EP2711098
(21) EP13004508.1
(47) 31.10.2018
(22) 16.09.2013
(54) Safety workbench with a sensor device for detecting movements in front of the front side
(73) BERNER INTERNATIONAL GmbH
(72) Hinrichs, Thomas Dipl.-Ing.
Gragert, Sven
Vogt, Monika
Haep, Stefan
Bankodad, Ahmed
Opiolka, Siegfried
(31) 102012018474
(32) 19.09.2012
(33) Germany

(51) F24F 11/30
F24F 11/32
F24F 11/52
(11) EP2123988
(21) EP08711152.2
(47) 31.10.2018
(87) JP2008052294
21.08.2008
(22) 13.02.2008
(54) REMOTE CONTROL UNIT FOR AIR CONDITIONER
(73) Daikin Industries, Ltd.
(72) HORIUCHI, Kaya
SUMIDA, Hisashi
TAKAGAKI, Yukihiro
TAKAHASHI, Ikuo
(31) 2007032731
(32) 13.02.2007
(33) Japan

(51) F24S 23/71
F24S 23/79
(11) EP2629010
(21) EP12178531.5
(47) 31.10.2018
(22) 30.07.2012
(54) Burner for gas ovens
(73) Liang, Jinhong
(72) Liang, Jinhong
(31) 201220050004 U
(32) 16.02.2012
(33) China

(51) F24S 25/632
H02S 20/23
(11) EP2413063
(21) EP10190007.4
(47) 31.10.2018
(22) 04.11.2010
(54) Slider clip and photovolatic structure mounting system
(73) First Solar, Inc.
(72) Hartelius, John
Monaco, Michael
Kazimir, Kyle
Bellacicco, John
(31) 846365
(32) 29.07.2010
(33) United States of America

(51) F24S 60/10
F24S 70/60
F28D 20/02
(11) EP1767882
(21) EP06019514.6
(47) 31.10.2018
(22) 19.09.2006
(54) Solar absorber
(73) Vaillant GmbH
(72) Benabdelkarim, Mohamed
(31) 102005046259
17922005
(32) 27.09.2005
02.11.2005
(33) Germany
Austria

(51) F24T 10/00
E21B 7/00
E21B 7/06
(11) EP3039354
(21) EP14839396.0
(47) 31.10.2018
(87) NO2014050153
05.03.2015
(22) 27.08.2014
(54) A GEOTHERMAL ENERGY PLANT AND A METHOD FOR ESTABLISHING SAME
(73) Geovarme AS
(72) SØNJU, Otto Kristian
HALMRAST, Bjørn
MOE, Per Thomas
(31) 20131146
(32) 27.08.2013
(33) Norway

(51) F25B 1/00
F25B 7/00
F28F 3/08
F28D 7/10
F25B 39/00
F28D 9/00
F25D 11/04
F25D 23/00
(11) EP2483609
(21) EP10770663.2
(47) 31.10.2018
(87) US2010050694
07.04.2011
(22) 29.09.2010
(54) CASCADE REFRIGERATION SYSTEM MOUNTED WITHIN A DECK
(73) Thermo Fisher Scientific (Asheville) LLC
(72) BROWN, Andrew
MORRIS, Wendell
SWIFT, Todd
WHITE, Thomas
(31) 570480
(32) 30.09.2009
(33) United States of America

(51) F25B 1/00
F25B 39/02
F25D 19/00
F25B 7/00
F25B 9/00
F25D 17/04
F25D 23/02
F25D 23/06
(11) EP2322876
(21) EP09812986.9
(47) 31.10.2018
(87) JP2009064594
18.03.2010
(22) 20.08.2009
(54) REFRIGERATION SYSTEM
(73) PHC Holdings Corporation
(72) KOBAYASHI, Susumu
YUZAWA, Jiro

OKUDA, Satoshi
SHINYA, Hidetoshi
SAGA, Tadahisa
(31) 2008232495
(32) 10.09.2008
(33) Japan

(51) F25B 1/00
F25D 11/00
F25B 49/02
(11) EP2792970
(21) EP12854937.5
(47) 31.10.2018
(87) JP2012007836
13.06.2013
(22) 06.12.2012
(54) CONTAINER REFRIGERATION DEVICE
(73) Daikin Industries, Ltd.
(72) FUJIMOTO, Yuusuke
YOKOHARA, Kazuma
OKAMOTO, Atsushi
(31) 2011270622
(32) 09.12.2011
(33) Japan

(51) F25B 1/053
(11) EP2959236
(21) EP14707628.5
(47) 31.10.2018
(87) US2014017318
28.08.2014
(22) 20.02.2014
(54) INLET GUIDE VANE MECHANISM
(73) Carrier Corporation
(72) SISHTLA, Vishnu M.
(31) 201361766755 P
(32) 20.02.2013
(33) United States of America

(51) F25B 30/02
F25B 49/02
F25B 6/02
F25B 13/00
F25B 1/10
(11) EP2009369
(21) EP07720698.5
(47) 31.10.2018
(87) CN2007001125
18.10.2007
(22) 06.04.2007
(54) A HEAT PUMP AIR CONDITION SYSTEM, AND THE STEAM JET SYSTEM AND THE CONTROL METHOD THEREOF
(73) GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
(72) SU, Yuhai
LIU, Guiping
SUN, Changquan
(31) 200610034943
(32) 11.04.2006
(33) China

(51) F25B 41/06
F16K 3/32
(11) EP2764302
(21) EP12761883.3
(47) 31.10.2018
(87) DK2012000102
04.04.2013
(22) 14.09.2012
(54) A VALVE MEMBER FOR A FLOW CONTROL VALVE WITH PRESSURE BALANCING
(73) Danfoss A/S
(72) DAM, Bjarke Skovgård
PETERSEN, Hans Kurt
(31) 201100734
(32) 26.09.2011
(33) Denmark

(51) F25B 41/06
F25D 11/02
(11) EP3084323
(21) EP14812547.9
(47) 31.10.2018
(87) EP2014078089
25.06.2015
(22) 16.12.2014
(54) REFRIGERATION DEVICE HAVING A PLURALITY OF REFRIGERATION COMPARTMENTS
(73) BSH Hausgeräte GmbH
(72) KLINGSHIRN, Astrid
LIENGAARD, Niels
(31) 102013226341
(32) 18.12.2013
(33) Germany

(51) F25B 43/00
F25B 9/00
F25B 1/10
(11) EP2340406
(21) EP09818353.6
(47) 31.10.2018
(87) US2009058732
08.04.2010
(22) 29.09.2009
(54) LIQUID VAPOR SEPARATION IN TRANSCRITICAL REFRIGERANT CYCLE
(73) Carrier Corporation
(72) SCARCELLA, Jason
CHEN, Yu H.
(31) 101792 P
(32) 01.10.2008
(33) United States of America

(51) F25B 43/02
(11) EP3066402
(21) EP13785887.4
(47) 31.10.2018
(87) EP2013072952
07.05.2015
(22) 04.11.2013
(54) REFRIGERATION CIRCUIT WITH OIL SEPARATION
(73) Carrier Corporation
(72) HELLMANN, Sascha

(51) F25C 1/24
F25C 1/04
F25C 5/00
(11) EP2225504
(21) EP08858083.2
(47) 31.10.2018
(87) KR2008007114
11.06.2009
(22) 02.12.2008
(54) ICE MAKING APPARATUS FOR A REFRIGERATOR
(73) LG Electronics Inc.
(72) KANG, Byeong-Gyu
LEE, Jae-Youl
PARK, Sang-Ho
(31) 20070125803
(32) 05.12.2007
(33) Korea (Republic)

(51) F25C 5/00
F25D 11/02
(11) EP2674703
(21) EP13171366.1
(47) 31.10.2018
(22) 11.06.2013
(54) Refrigerator
(73) LG Electronics Inc.
(72) Son, Juhyun
Lee, Donghoon
Lee, Wookyong
Lee, Donghoon
Kim, Dongjeong
(31) 20120062528
(32) 12.06.2012
(33) Korea (Republic)

(51) F25D 11/02
F25B 5/04
(11) EP2218986
(21) EP10152640.8
(47) 31.10.2018
(22) 04.02.2010
(54) Refrigerator with multiple compartments
(73) BSH Hausgeräte GmbH
(72) Nuiding, Wolfgang
Rosner, Reinhold
Schechinger, Simon
(31) 202009002222 U
(32) 16.02.2009
(33) Germany

(51) F25D 17/08
F25D 11/00
F25D 17/04
F25D 17/06
(11) EP2824404
(21) EP13757533.8
(47) 31.10.2018
(87) JP2013001375
12.09.2013
(22) 06.03.2013
(54) DRUG REFRIGERATOR
(73) PHC Holdings Corporation
(72) OTSUKI, Takao
MIZUMOTO, Kenichi
(31) 2012050606
(32) 07.03.2012
(33) Japan

(51) F25D 23/00
(11) EP2104819
(21) EP07857445.6
(47) 31.10.2018
(87) EP2007063781
03.07.2008
(22) 12.12.2007
(54) REFRIGERATOR
(73) BSH Hausgeräte GmbH
(72) SCHLANDER, Ulrich
(31) 202006019376 U
(32) 22.12.2006
(33) Germany

(51) F25D 23/00
(11) EP3317599

(21) EP16735617.9
(47) 31.10.2018
(87) EP2016065333
05.01.2017
(22) 30.06.2016
(54) CONNECTION COMPONENT OF A REFRIGERANT COMPRESSOR
(73) Nidec Global Appliance Germany GmbH
(72) RESCH, Reinhard
(31) 501302015 U
(32) 30.06.2015
(33) Austria

(51) F25D 23/00
F25B 39/02
(11) EP2410268
(21) EP11174153.4
(47) 31.10.2018
(22) 15.07.2011
(54) Refrigerator
(73) LG Electronics Inc.
(72) Yoon, Jongsoo
(31) 20100069805
(32) 20.07.2010
(33) Korea (Republic)

(51) F25D 23/00
F25D 25/02
(11) EP2986923
(21) EP14716297.8
(47) 31.10.2018
(87) EP2014057036
23.10.2014
(22) 08.04.2014
(54) HOUSEHOLD REFRIGERATOR HAVING A TRANSPORT SECURING ELEMENT
(73) BSH Hausgeräte GmbH
(72) DEISSLER, Stefan
LAIBLE, Karl-Friedrich
LINDEL, Andreas
SCHLANDER, Ulrich
(31) 102013206712
(32) 15.04.2013
(33) Germany

(51) F25D 23/06
(11) EP2104821
(21) EP07857365.6
(47) 31.10.2018
(87) EP2007063669
03.07.2008
(22) 11.12.2007
(54) REFRIGERATION DEVICE
(73) BSH Hausgeräte GmbH
(72) JUNG, Carsten
ZIEGLER, Martin
(31) 202006019375 U
(32) 22.12.2006
(33) Germany

(51) F25D 23/10
F25D 23/02
A47L 15/42
(11) EP2156119
(21) EP08736642.3
(47) 31.10.2018
(87) EP2008055336
13.11.2008
(22) 30.04.2008
(54) HOUSEHOLD APPLIANCE
(73) Miele & Cie. KG
BSH Hausgeräte GmbH
(72) LAIBLE, Karl-Friedrich
CALDOW, Steve
KUENY, Matthew
PLACKE, Frank
STAHL, Matthias
VAN PELS, Ulrich
(31) 102007021554
(32) 08.05.2007
(33) Germany

(51) F25D 23/12
E05D 11/00
F25C 1/25
(11) EP2192364
(21) EP10156396.3
(47) 31.10.2018
(22) 04.11.2008
(54) Refrigerator
(73) LG ELECTRONICS INC.
(72) Kim, Sung Kyoung
(31) 20070111951
(32) 05.11.2007
(33) Korea (Republic)

(51) F25D 23/12
H05B 6/64
(11) EP2985552
(21) EP14783511.0
(47) 31.10.2018
(87) CN2014071261
16.10.2014
(22) 23.01.2014
(54) REFRIGERATOR
(73) Hefei Midea Refrigerator Co., Ltd.
(72) FAN, Wei
WANG, Meng
YAO, Nanfei
(31) 201310125675
201320181479 U
(32) 11.04.2013
11.04.2013
(33) China
China

(51) F25D 25/02
(11) EP2394117
(21) EP10700569.6
(47) 31.10.2018
(87) EP2010050603
12.08.2010
(22) 20.01.2010
(54) REFRIGERATION APPLIANCE HAVING A VERTICALLY ADJUSTABLE TRAY FOR REFRIGERATED GOODS
(73) BSH Hausgeräte GmbH
(72) CALVILLO, Juan Antonio
FINK, Jürgen
PFISTER, Bernd
(31) 102009000669
(32) 06.02.2009
(33) Germany

(51) F25D 27/00
F25D 23/02
(11) EP2320181
(21) EP10179090.5
(47) 31.10.2018
(22) 24.09.2010
(54) Refrigerator
(73) Samsung Electronics Co., Ltd.
(72) Kim, Joong Ho
Seo, Yong Man
Chang, Eui Young
(31) 20090094690
(32) 06.10.2009
(33) Korea (Republic)

(51) F25D 31/00
F25B 1/00
B01L 7/02
(11) EP2835606
(21) EP14183780.7
(47) 31.10.2018
(22) 31.01.2011
(54) Constant temperature circulator
(73) Preston Industries, Inc.
(72) PRESTON, Philip
(31) 699365
(32) 03.02.2010
(33) United States of America

(51) F25J 3/06
C01B 32/50
(11) EP2365265
(21) EP10002158.3
(47) 31.10.2018
(22) 03.03.2010
(54) Method and installation for separating carbon dioxide from flue gas of combustion plants
(73) General Electric Technology GmbH
(72) Stallmann, Olaf

(51) F26B 3/12
B01D 1/18
B01J 2/04
(11) EP2205336
(21) EP08834574.9
(47) 31.10.2018
(87) SE2008051065
02.04.2009
(22) 24.09.2008
(54) SYSTEM AND METHOD FOR PRODUCING DRY FORMULATIONS
(73) Ziccum AB
(72) GERDE, Per
(31) 974501 P
(32) 24.09.2007
(33) United States of America

(51) F26B 3/30
F26B 9/02
(11) EP3114420
(21) EP15707069.9
(47) 31.10.2018
(87) EP2015053582
11.09.2015
(22) 20.02.2015
(54) METHOD FOR DRYING BODIES
(73) IRES INFRAROT ENERGIESYSTEME GMBH
(72) ANDERER, Bertram
(31) 102014102836
(32) 04.03.2014
(33) Germany

(51) F27B 7/38
F27B 3/12
C04B 7/47
F27D 15/02
F27D 3/12
F27D 9/00
F27D 99/00
F28C 3/16
(11) EP2799406

(21) EP12862220.6
(47) 31.10.2018
(87) JP2012008293
04.07.2013
(22) 26.12.2012
(54) SEAL STRUCTURE FOR COOLER DEVICE AND COOLER DEVICE PROVIDED THEREWITH
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) BANDO, Hiroshi
ICHITANI, Noboru
HAYASHI, Isao
KIYOSHIMA, Kouji
ARIMA, Nanako
(31) 2011283409
(32) 26.12.2011
(33) Japan

(51) F28D 1/053
F25B 39/04
F28D 21/00
(11) EP2972040
(21) EP14709946.9
(47) 31.10.2018
(87) EP2014054891
18.09.2014
(22) 12.03.2014
(54) CONDENSER ASSEMBLY FOR REFRIGERANT
(73) Mahle International GmbH
(72) FÖRSTER, Uwe
DAVID, Guillaume
KEMLE, Andreas
JUNG, Matthias
WALTER, Christoph
KUNBERGER, Ottokar
(31) 102013204294
(32) 12.03.2013
(33) Germany

(51) F28D 9/00
F28D 21/00
(11) EP2504652
(21) EP10798202.7
(47) 31.10.2018
(87) SE2010051298
03.06.2011
(22) 24.11.2010
(54) A METHOD OF PRODUCING MULTIPLE CHANNELS FOR USE IN A DEVICE FOR EXCHANGE OF SOLUTES OR HEAT BETWEEN FLUID FLOWS AND RESPECTIVE DEVICE
(73) Air To Air Sweden AB
(72) SIVERKLEV, Johan
(31) 0950889
624612
(32) 24.11.2009
24.11.2009
(33) Sweden
United States of America

(51) F28D 19/04
F28D 17/00
F28D 19/02
(11) EP2348272
(21) EP11151711.6
(47) 31.10.2018
(22) 21.01.2011
(54) Regenerative heat exchanger and method for transferring heat between two solids
(73) Technische Universität Darmstadt
(72) Epple, Bernd
Seeber, Joachim
(31) 102010005578
(32) 22.01.2010
(33) Germany

(51) F28F 9/02
B21D 53/02
B23P 15/26
F28D 1/053
F28F 1/10
(11) EP2710319
(21) EP12723157.9
(47) 31.10.2018
(87) EP2012059212
29.11.2012
(22) 16.05.2012
(54) HEAT EXCHANGER
(73) MAHLE Behr GmbH & Co. KG
(72) KURZ, Volker
ROUHANA, Hicham
BRÖDER, Haymo
(31) 102011076225
(32) 20.05.2011
(33) Germany

(51) F28F 13/08
F25B 39/02
F28F 1/30
F28F 9/02
(11) EP2857788
(21) EP13772745.9
(47) 31.10.2018
(87) JP2013002327
10.10.2013
(22) 03.04.2013
(54) HEAT EXCHANGER
(73) Daikin Industries, Ltd.
(72) JINDOU, Masanori
ORITANI, Yoshio
KIKUCHI, Yoshimasa
SASAI, Yasuhiro
KUBO, Hiroharu
INOUE, Satoshi
KIM, Hyunyoung
FUJINO, Hirokazu
(31) 2012086622
(32) 05.04.2012
(33) Japan

(51) F28F 21/06
F28D 7/16
(11) EP2951523
(21) EP14701609.1
(47) 31.10.2018
(87) GB2014050181
07.08.2014
(22) 23.01.2014
(54) SHELL AND TUBE HEAT EXCHANGER, END COVER AND METHOD OF MANUFACTURING SAME
(73) E J Bowman (Birmingham) Limited
(72) HOWELL, Kevin
(31) 201301613
(32) 30.01.2013
(33) United Kingdom

(51) F28G 1/16
F28G 15/02
F28G 15/04
F28G 15/08
(11) EP3336478
(21) EP17203885.3
(47) 31.10.2018
(22) 27.11.2017
(54) METHOD FOR GUIDING A DEVICE FOR HIGH-PRESSURE CLEANING OF THE PIPES OF A HEAT EXCHANGER
(73) Veolia environnement-VE
(72) MAITROT, Aude
DUBOURG, Alexandre
(31) 1662766
(32) 19.12.2016
(33) France

(51) F41G 1/46
F41G 1/50
F41G 3/14
F41G 11/00
F41G 3/18
(11) EP3217140
(21) EP14905474.4
(47) 31.10.2018
(87) KR2014010913
12.05.2016
(22) 13.11.2014
(54) CONTROL METHOD FOR DIGITAL SIGHT
(73) Agency For Defense Development
(72) LEE, Tae-Gyoo
JANG, Suk-Won
LEE, Jin Seung
CHOI, Jae-Gun
MOON, Hong-Key
(31) 20140152674
(32) 05.11.2014
(33) Korea (Republic)

(51) F42B 8/12
F42B 33/00
(11) EP3118568
(21) EP16179375.7
(47) 31.10.2018
(22) 14.07.2016
(54) KIT FOR THE FABRICATION OF PRACTICE AMMUNITION AND RELATED FABRICATION METHOD
(73) Officine Fonderie Patrone S.p.A.
(72) ROSA, Giovanni Battista
(31) UB20152284
(32) 17.07.2015
(33) Italy

(51) F42D 5/045
B65D 90/32
(11) EP3201560
(21) EP15771509.5
(47) 31.10.2018
(87) EP2015001914
07.04.2016
(22) 28.09.2015
(54) BLAST MITIGATION DEVICE AND METHOD
(73) Rina Consulting S.p.A.
(72) GERMANl, Gianfranco
ZANGANI, Donato
BOZZOLO, Alessandro
AMBROSETTI, Samuele
POZZO, Daniele
(31) MI20141695
(32) 29.09.2014
(33) Italy

(51) G01B 5/012
G01B 7/012
G01B 3/00
(11) EP3236194
(21) EP16165722.6
(47) 31.10.2018
(22) 18.04.2016
(54) COORDINATE MEASURING MACHINE WITH AN ANALOGUE TOUCH PROBE, AND METHOD FOR MEASURING A WORKPIECE BY MEANS OF A COORDINATE MEASURING MACHINE
(73) Hexagon Metrology GmbH
(72) Fall, Stefan

(51) G01B 5/12
G01B 21/14
B07C 5/12
(11) EP3196590
(21) EP14896083.4
(47) 31.10.2018
(87) ES2014070531
30.12.2015
(22) 27.06.2014
(54) METHOD AND DEVICE FOR MEASURING OPENINGS IN AEROSOL CONTAINERS
(73) JM Filling Solutions, S.L.
(72) MASIP GARCIA, Jorge

(51) G01B 7/14
G01M 5/00
(11) EP2732257
(21) EP12734934.8
(47) 31.10.2018
(87) EP2012063474
17.01.2013
(22) 10.07.2012
(54) MONITORING SYSTEM FOR DAMAGE TO STRUCTURES AND BUILDINGS
(73) THUR S.R.L.
(72) BIRTELE, Andrea
(31) VR20110143
(32) 12.07.2011
(33) Italy

(51) G01B 9/02
A61B 3/10
(11) EP2211140
(21) EP10151279.6
(47) 31.10.2018
(22) 21.01.2010
(54) Optical tomographic imaging apparatus
(73) Canon Kabushiki Kaisha
(72) Sugita, Mitsuro
(31) 2009011619
(32) 22.01.2009
(33) Japan

(51) G01B 9/02
A61B 3/10
G01N 21/47
(11) EP1939579
(21) EP07024818.2
(47) 31.10.2018
(22) 20.12.2007
(54) Optical image measurement device
(73) Kabushiki Kaisha TOPCON
(72) Kikawa, Tsutomu
Hayashi, Takefumi
Fukuma, Yasufumi
Okada, Hiroaki
Tsukada, Hisashi
(31) 2006349886
(32) 26.12.2006
(33) Japan

(51) G01B 9/02
G01B 11/24
(11) EP2466254
(21) EP11193073.1
(47) 31.10.2018
(22) 12.12.2011
(54) Interferometer with paraboloidal collimator and imaging optics with tilted imaging plane
(73) Corning Incorporated
(72) Cobb, Joshua Monroe
Dunn, Thomas James
Frankovich, John Weston
(31) 201061424295 P
(32) 17.12.2010
(33) United States of America

(51) G01B 9/02
G02B 27/10
G02B 27/28
G02F 1/01
(11) EP2813801
(21) EP13171266.3
(47) 31.10.2018
(22) 10.06.2013
(54) Interferometer system and method to generate an interference signal of a surface of a sample
(73) Mitutoyo Corporation
(72) Haitjema, Han
Quaedackers, Johannes Anna
Zuiderweg, Adriaan Tiemen

(51) G01B 11/00
G06T 7/246
G06T 7/73
(11) EP3179462
(21) EP14899118.5
(47) 31.10.2018
(87) JP2014070480
11.02.2016
(22) 04.08.2014
(54) DEVICE AND METHOD FOR CALCULATING A POSITION OF A VEHICLE
(73) Nissan Motor Co., Ltd
(72) YAMAGUCHI, Ichiro
NISHIUCHI, Hidekazu
HIRAIZUMI, Norihisa
MATSUMOTO, Jun

(51) G01B 11/16
(11) EP2948733
(21) EP13807960.3
(47) 31.10.2018
(87) EP2013075897
31.07.2014
(22) 09.12.2013
(54) METHOD AND DEVICE FOR VEHICLE MEASUREMENT
(73) Robert Bosch GmbH
(72) WAGMANN, Christian
GRAF, Simone
(31) 102013200910
(32) 22.01.2013
(33) Germany

(51) G01B 11/25
G03B 21/20
B25J 13/08
(11) EP3199911
(21) EP17151055.5
(47) 31.10.2018
(22) 11.01.2017
(54) SYSTEM COMPRISING A THREE-DIMENSIONAL MEASURING APPARATUS
(73) Ricoh Company, Ltd.
(72) TAKAHASHI, TATSUYA
(31) 2016013726
(32) 27.01.2016
(33) Japan

(51) G01B 15/00
A43D 1/06
G01N 23/046
(11) EP3333535
(21) EP16757089.4
(47) 31.10.2018
(87) RU2016000003
20.07.2017
(22) 14.01.2016
(54) METHOD OF MEASURING THE INTERNAL VOLUME OF AN OBJECT
(73) Everbright Innovations Limited
(72) CHERNIK, Mikhail Valerievich
GAVRILYUK, Sergey Alekseyevich
BORODIN, Dmitry Vladimirovich
LEBEDEV, Oleg Aleksandrovich
LAVRINOVICH, Andrey Aleksandrovich
NAZVIN, Nikolay Yuryevich
CHERNIK, Valery Grigorievich

(51) G01B 15/02
H05G 1/30
(11) EP2277003
(21) EP09726956.7
(47) 31.10.2018
(87) EP2009053901
08.10.2009
(22) 01.04.2009
(54) THICKNESS MEASURER FOR METAL SHEET AND RELATIVE MEASURING METHOD
(73) Danieli Automation S.P.A.
(72) CIANI, Lorenzo
(31) UD20080072
(32) 04.04.2008
(33) Italy

(51) G01C 3/06
G01B 11/00
G01S 13/00
G06T 1/00
G06T 7/00
(11) EP2833096
(21) EP14179315.8
(47) 31.10.2018
(22) 31.07.2014
(54) Method for determining a current distance and/or a current speed of a target object based on a reference point in a camera image, camera system and motor vehicle
(73) Connaught Electronics Ltd.
(72) Rammos, Perikles
(31) 102013012930
(32) 02.08.2013
(33) Germany

(51) G01C 11/02
G01S 5/16

G01S 17/88
G01S 17/89
G01S 5/02
B64D 39/00
(11) EP2703777
(21) EP13182226.4
(47) 31.10.2018
(22) 29.08.2013
(54) System and method for utilizing multiple sensors
(73) GE Aviation Systems LLC
(72) Buehler, Eric Daniel
McCauley, David Kevin
(31) 201213598115
(32) 29.08.2012
(33) United States of America

(51) G01C 15/00
(11) EP2103904
(21) EP09003987.6
(47) 31.10.2018
(22) 19.03.2009
(54) Measuring system
(73) Kabushiki Kaisha TOPCON
(72) Shinozaki, Hajime
Kumagai, Kaoru
(31) 2008074423
(32) 21.03.2008
(33) Japan

(51) G01C 19/56
G01C 25/00
(11) EP2359092
(21) EP09795362.4
(47) 31.10.2018
(87) EP2009066001
03.06.2010
(22) 27.11.2009
(54) CALIBRATION OF GYROSCOPIC SYSTEMS WITH VIBRATORY GYROSCOPES
(73) Safran Electronics & Defense
(72) CARON, Jean-Michel
(31) 0858145
(32) 28.11.2008
(33) France

(51) G01C 19/56
G01P 15/18
G01P 15/125
(11) EP2616771
(21) EP11826069.4
(47) 31.10.2018
(87) US2011052061
22.03.2012
(22) 18.09.2011
(54) MICROMACHINED MONOLITHIC 6-AXIS INERTIAL SENSOR
(73) Fairchild Semiconductor Corporation
(72) ACAR, Cenk
(31) 384240 P
(32) 18.09.2010
(33) United States of America

(51) G01C 19/5726
G01C 19/5719
(11) EP2936055
(21) EP13805358.2
(47) 31.10.2018
(87) EP2013076498
26.06.2014
(22) 13.12.2013
(54) SENSOR FOR DETECTING A ROTATION RATE OF AN OBJECT
(73) Continental Teves AG & Co. OHG
(72) GÜNTHNER, Stefan
SCHMID, Bernhard
LOHMANN, Jasmin
(31) 102012224081
(32) 20.12.2012
(33) Germany

(51) G01C 19/5776
G01C 19/5726
(11) EP2647955
(21) EP13001719.7
(47) 31.10.2018
(22) 04.04.2013
(54) MEMS device quadrature phase shift cancellation
(73) Fairchild Semiconductor Corporation
(72) Opris, Ion
Tao, Hai
Lee, Shungneng
(31) 201261620653 P
(32) 05.04.2012
(33) United States of America

(51) G01C 19/72
G02B 6/30
G02B 6/126
G02B 6/27
(11) EP3167244
(21) EP15742374.0
(47) 31.10.2018
(87) FR2015051865
14.01.2016
(22) 06.07.2015
(54) OPTICAL FIBRE INTERFEROMETRIC SYSTEM
(73) IXBLUE
(72) SIMONPIETRI, Pascal
CHOUVIN, Stéphane
MOLUCON, Cédric
(31) 1456551
(32) 08.07.2014
(33) France

(51) G01C 21/00
G01C 21/32
G06K 9/00
(11) EP2339294
(21) EP10192463.7
(47) 31.10.2018
(22) 24.11.2010
(54) Systems and methods for matching scenes using mutual relations between features
(73) Honeywell International Inc.
(72) Kotaba, Ondrej
Lukas, Jan
(31) 644559
(32) 22.12.2009
(33) United States of America

(51) G01C 21/16
G01C 25/00
(11) EP3141866
(21) EP16187676.8
(47) 31.10.2018
(22) 07.09.2016
(54) ANGULAR SPEED SENSOR CORRECTION DEVICE AND ANGULAR SPEED SENSOR CORRECTION METHOD FOR CORRECTING OUTPUTS FROM ANGULAR SPEED SENSOR
(73) JVC KENWOOD Corporation
(72) Kondoh, Takahiro
(31) 2015179829
(32) 11.09.2015
(33) Japan

(51) G01C 21/20
G05D 1/10
G01C 23/00
G08G 5/00
(11) EP2474812
(21) EP12150189.4
(47) 31.10.2018
(22) 04.01.2012
(54) Flight management system with integrated tactical commands for use with an aircraft and method of operating same
(73) GE Aviation Systems LLC
(72) Walter, Randy Lynn
(31) 986838
(32) 07.01.2011
(33) United States of America

(51) G01C 21/32
G06F 17/30
(11) EP2749847
(21) EP14161360.4
(47) 31.10.2018
(22) 08.02.2010
(54) METHOD AND APPARATUS FOR EVALUATING AN ATTRIBUTE OF A POINT OF INTEREST
(73) TomTom Global Content B.V.
(72) Studzinski, Witold

(51) G01C 23/00
(11) EP3104125
(21) EP15171787.3
(47) 31.10.2018
(22) 12.06.2015
(54) AIRCRAFT NAVIGATION SYSTEM AND METHOD FOR AIRCRAFT NAVIGATION
(73) Airbus Defence and Space GmbH
(72) Heinzinger, Olaf
Oberhauser, Matthias
Mamessier, Sébastien
Fernandes de Oliveira, Rafael
Dreyer, Daniel

(51) G01D 3/02
G01D 5/14
G01R 33/00
G01R 33/07
(11) EP3180588
(21) EP14758215.9
(47) 31.10.2018
(87) US2014050820
18.02.2016
(22) 13.08.2014
(54) PROGRAMMABLE INTERPOLATION MODULE FOR A SENSOR SYSTEM
(73) The Timken Company
(72) WANG, Lei
SANTOS, Alfred J.
LACROIX, Mark E.

(51) G01D 4/00
(11) EP3030863
(21) EP14777828.6
(47) 31.10.2018

(87) IB2014063734
12.02.2015
(22) 06.08.2014
(54) METHOD FOR MEASURING DYNAMICS OF A FLOW OF ENERGY AND CORRESPONDING DEVICE AND SYSTEM
(73) FONDAZIONE LINKS - Leading innovation & knowledge for Society
(72) SIMONOV, Mikhail
(31) TO20130678
(32) 07.08.2013
(33) Italy

(51) G01D 5/25
A61M 5/315
(11) EP2732246
(21) EP12740098.4
(47) 31.10.2018
(87) EP2012063623
24.01.2013
(22) 12.07.2012
(54) A DRUG DELIVERY DEVICE
(73) Sanofi-Aventis Deutschland GmbH
(72) BUTLER, Joseph
MOORE, David
DRAPER, Paul Richard
GILMORE, Stephen Francis
(31) 11174122
201161570307 P
(32) 15.07.2011
14.12.2011
(33) European Patent Office (EPO)
United States of America

(51) G01D 5/38
G02B 5/18
(11) EP3199919
(21) EP16200920.3
(47) 31.10.2018
(22) 28.11.2016
(54) MEASUREMENT SCALE AND POSITION MEASURING DEVICE COMPRISING THE SAME
(73) Dr. Johannes Heidenhain GmbH
(72) FUNK, Stefan
SPECKBACHER, Peter
(31) 102016201068
(32) 26.01.2016
(33) Germany

(51) G01D 9/00
G01D 9/10
G01K 1/02
G01K 5/70
(11) EP1817551
(21) EP05848810.7
(47) 31.10.2018
(87) US2005039825
18.05.2006
(22) 03.11.2005
(54) STRIP CHART TEMPERATURE RECORDER WITH MOVABLE BI-METALLIC ELEMENT ASSEMBLY
(73) Sensitech Inc.
(72) CONRAD, John
WALTERS, David, B.
(31) 979982
(32) 03.11.2004
(33) United States of America

(51) G01D 21/00
(11) EP2913640
(21) EP15155769.1
(47) 31.10.2018
(22) 19.02.2015
(54) Measurement system, measurement management apparatus, measurement device, and measurement method
(73) Yokogawa Electric Corporation
(72) Yoshino, Hiroki
Yamaji, Masato
Fujimoto, Naoyuki
(31) 2014037157
(32) 27.02.2014
(33) Japan

(51) G01F 1/06
G01F 1/075
G01F 1/10
G01F 1/115
G01F 15/06
G01F 15/075
(11) EP2388559
(21) EP11166708.5
(47) 31.10.2018
(22) 19.05.2011
(54) Flow counter
(73) Enplas Corporation
(72) Chen, Huiqing
(31) 2010115720
(32) 19.05.2010
(33) Japan

(51) G01F 1/075
G01F 25/00
G01F 1/06
(11) EP1774266
(21) EP05776205.6
(47) 31.10.2018
(87) EP2005053396
02.02.2006
(22) 14.07.2005
(54) TANGENTIAL METER FOR LIQUIDS
(73) Lodolo, Alberto
(72) Lodolo, Alberto
(31) MI20041505
(32) 26.07.2004
(33) Italy

(51) G01F 1/58
G01F 15/14
(11) EP3194900
(21) EP15751020.7
(47) 31.10.2018
(87) EP2015069053
24.03.2016
(22) 19.08.2015
(54) METHOD FOR PRODUCING A MAGNETO-INDUCTIVE FLOWMETER WITH A PARTLY REDUCED CROSS-SECTION
(73) Endress+Hauser Flowtec AG
(72) TSCHAMBSER, Florent
DREHER, Lars
SULZER, Thomas
(31) 102014113408
(32) 17.09.2014
(33) Germany

(51) G01F 1/66
(11) EP3004812
(21) EP14725145.8
(47) 31.10.2018
(87) EP2014060185
11.12.2014
(22) 19.05.2014
(54) ULTRASONIC FLOWMETER
(73) Endress+Hauser Flowtec AG
(72) KISSLING, Beat
MÜLLER, Quirin
GRUNWALD, Sascha
STEINER, Fabian
BROBEIL, Wolfgang
(31) 102013105922
(32) 07.06.2013
(33) Germany

(51) G01F 1/66
G01F 1/708
G01F 15/14
(11) EP3211386
(21) EP17158059.0
(47) 31.10.2018
(22) 15.12.2010
(54) ULTRASONIC FLOW METER HOUSING FORMED BY A MONOLITHIC POLYMER STRUCTURE
(73) Kamstrup A/S
(72) NIELSEN, Søren Tønnes
LAURSEN, Peter Schmidt
(31) 09179317
(32) 15.12.2009
(33) European Patent Office (EPO)

(51) G01F 1/66
G01F 15/00
G21C 17/032
G10K 11/24
(11) EP2158455
(21) EP08760756.0
(47) 31.10.2018
(87) EP2008057195
18.12.2008
(22) 10.06.2008
(54) METHOD FOR MEASURING FLOW RATES IN LIQUID MELTS
(73) Helmholtz-Zentrum Dresden - Rossendorf e.V.
(72) ECKERT, Sven
GERBETH, Gunter
GUNDRUM, Thomas
(31) 102007027392
(32) 11.06.2007
(33) Germany

(51) G01F 1/84
(11) EP1790955
(21) EP05703858.0
(47) 31.10.2018
(87) JP2005000628
23.03.2006
(22) 13.01.2005
(54) TERTIARY MODE VIBRATION TYPE CORIOLIS FLOWMETER
(73) OVAL CORPORATION
(72) NAKAO, Yuichi
(31) 2004270743
(32) 17.09.2004
(33) Japan

(51) G01F 13/00
G01F 15/00
G01F 15/075
B67D 7/34
(11) EP2894441

(21) EP15154732.0
(47) 31.10.2018
(22) 08.12.2011
(54) Fuel dispenser flow meter sensor fraud prevention
(73) Danaher Uk Industries Limited
(72) Jennings, Michael Lawrence
(31) 421011 P
201113313894
(32) 08.12.2010
07.12.2011
(33) United States of America
United States of America

(51) G01F 15/06
G01F 1/66
(11) EP2161550
(21) EP08764102.3
(47) 31.10.2018
(87) JP2008001507
18.12.2008
(22) 12.06.2008
(54) FLOWMETER AND FLUID SUPPLY SYSTEM
(73) Panasonic Corporation
(72) IWAMOTO, Ryuji
(31) 2007154763
2007172545
2007172546
(32) 12.06.2007
29.06.2007
29.06.2007
(33) Japan
Japan
Japan

(51) G01F 15/14
G01F 1/84
(11) EP2738526
(21) EP14156603.4
(47) 31.10.2018
(22) 13.05.2013
(54) Flow measuring device
(73) Krohne AG
(72) Hussain, Yousif
Rolph, Christopher
(31) 102012010430
(32) 29.05.2012
(33) Germany

(51) G01F 23/296
G01F 23/28
B64D 37/00
(11) EP1590639
(21) EP04775745.5
(47) 31.10.2018
(87) US2004002550
17.02.2005
(22) 28.01.2004
(54) ULTRASONIC FUEL-GAUGING SYSTEM
(73) The Boeing Company
(72) SENIBI, Simon, D.
ANDERSON, David, M.
BANKS, David, L.
CHILDRESS, James, J.
RASSAIN, Mostafa
(31) 352635
(32) 28.01.2003
(33) United States of America

(51) G01H 1/00
(11) EP3073232
(21) EP15160804.9
(47) 31.10.2018
(22) 25.03.2015
(54) Measuring method and device for measuring deflections at stator end windings
(73) General Electric Technology GmbH
(72) Arend, Peter Ullrich

(51) G01J 3/02
G01J 3/18
G01J 3/28
G01J 3/36
G01J 3/42
A61B 5/1455
G02B 6/12
(11) EP3187845
(21) EP16202387.3
(47) 31.10.2018
(22) 06.12.2016
(54) SPECTRAL DETECTOR AND IMAGE SENSOR INCLUDING THE SAME
(73) IMEC VZW
Samsung Electronics Co., Ltd.
(72) LEE, Woochang
PEUMANS, Peter
(31) 20150177367
(32) 11.12.2015
(33) Korea (Republic)

(51) G01J 3/02
G01J 3/28
G01J 3/45
G01J 3/453
(11) EP2430414
(21) EP10704299.6
(47) 31.10.2018
(87) US2010024189
18.11.2010
(22) 12.02.2010
(54) KNOWLEDGE BASED SPECTROMETER
(73) Raytheon Company
(72) ROBINSON, Ian, S.
(31) 466161
(32) 14.05.2009
(33) United States of America

(51) G01J 3/28
G01J 3/02
G01J 1/02
B23K 26/70
(11) EP2435888
(21) EP10724422.0
(47) 31.10.2018
(87) EP2010057525
02.12.2010
(22) 31.05.2010
(54) System for the calibration of operating parameters of a laser engraver
(73) Entrust Datacard Corporation
(72) BERTHE, Benoît
BIELESCH, Ulrich
(31) 09290403
0902609
102009023288
(32) 29.05.2009
29.05.2009
29.05.2009
(33) European Patent Office (EPO)
France
Germany

(51) G01J 3/433
G01N 21/39
(11) EP2853869
(21) EP13185868.0
(47) 31.10.2018
(22) 25.09.2013
(54) Method and gas analyser for measuring the concentration of a gas component in a gas to be measured
(73) Siemens Aktiengesellschaft
(72) Steinbacher, Franz

(51) G01J 4/04
G03F 1/44
G03F 7/20
G06F 17/50
(11) EP2399105
(21) EP10744347.5
(47) 31.10.2018
(87) US2010024699
26.08.2010
(22) 19.02.2010
(54) POLARIZATION MONITORING RETICLE DESIGN FOR HIGH NUMERICAL APERTURE LITHOGRAPHY SYSTEMS
(73) International Business Machines Corporation
(72) BRUNNER, Timothy, A.
MCINTYRE, Gregory, R.
(31) 153787 P
707962
(32) 19.02.2009
18.02.2010
(33) United States of America
United States of America

(51) G01K 17/20
(11) EP3098583
(21) EP16175836.2
(47) 31.10.2018
(22) 01.02.2013
(54) THERMAL INSULATION PERFORMANCE MEASUREMENT APPARATUS AND MEASUREMENT METHOD USING THE SAME
(73) Samsung Electronics Co., Ltd.
(72) KWON, Jae Sung
KIM, Hyung Sung
PARK, Jong Sung
JUNG, Young Sung
(31) 20120010458
20120059278
(32) 01.02.2012
01.06.2012
(33) Korea (Republic)
Korea (Republic)

(51) G01L 1/22
G01L 3/24
G01L 5/00
(11) EP3144653
(21) EP15185300.9
(47) 31.10.2018
(22) 15.09.2015
(54) UNIVERSAL MOUNT BICYCLE POWER METER MODULE
(73) Silicon Valley Micro E Corporation
(72) ZHU, Shengbo
HUANG, Su Shiong

(51) G01L 5/28
(11) EP2630460
(21) EP12783868.8
(47) 31.10.2018

(87) DE2012200064
16.05.2013
(22) 20.09.2012
(54) PLATE BRAKE TEST STAND AND A METHOD FOR TESTING THE BRAKES IN VEHICLES
(73) Micro-Epsilon Messtechnik GmbH & Co. KG
(72) FEMBOECK, Josef
(31) 102011086036
(32) 09.11.2011
(33) Germany

(51) G01L 9/00
A61M 5/315
A61M 5/145
A61M 5/172
A61M 5/14
A61M 5/142
A61M 5/168
(11) EP2155290
(21) EP08755970.4
(47) 31.10.2018
(87) US2008064244
27.11.2008
(22) 20.05.2008
(54) OCCLUSION SENSING FOR AN INFUSION PUMP
(73) Bigfoot Biomedical, Inc.
(72) MHATRE, Amit
WU, Jian Yao
WENGER, Mitchell
FRIEDMAN, Steven
(31) 751383
(32) 21.05.2007
(33) United States of America

(51) G01L 9/00
G01L 13/02
G01L 19/04
(11) EP3232174
(21) EP16164736.7
(47) 31.10.2018
(22) 11.04.2016
(54) PRESSURE SENSOR
(73) VEGA Grieshaber KG
(72) Hengstler, Clemens

(51) G01L 19/06
G01L 21/30
H01J 1/52
H01J 41/02
G01L 21/32
H01J 41/04
(11) EP2800960
(21) EP13746239.6
(47) 31.10.2018
(87) US2013025198
15.08.2013
(22) 07.02.2013
(54) IONIZATION GAUGE FOR HIGH PRESSURE OPERATION
(73) MKS Instruments, Inc.
(72) BRUCKER, Gerardo, A.
(31) 201261596470 P
(32) 08.02.2012
(33) United States of America

(51) G01M 1/04
G01B 11/24
G01M 1/02
G01B 11/25
(11) EP2598837
(21) EP11768082.7
(47) 31.10.2018
(87) IB2011001770
02.02.2012
(22) 01.08.2011
(54) METHOD FOR DETECTING THE SHAPE AND/OR DIMENSIONS OF A WHEEL ON A BALANCING MACHINE
(73) SICAM S.r.l.
(72) MONTANARI, Marco
MATTEUCCI, Andrea
(31) MO20100222
(32) 30.07.2010
(33) Italy

(51) G01M 1/22
G01M 13/02
(11) EP2610604
(21) EP12199144.2
(47) 31.10.2018
(22) 21.12.2012
(54) Method for oscillation measurement on rotor blades of wind power installations
(73) Prüftechnik Dieter Busch AG
(72) Becker, Edwin
(31) 102011057175
(32) 30.12.2011
(33) Germany

(51) G01M 3/00
G01M 3/04
F16L 23/16
(11) EP3137868
(21) EP15728165.0
(47) 31.10.2018
(87) IB2015053116
05.11.2015
(22) 29.04.2015
(54) SYSTEM AND METHOD FOR DETECTION OF HYDROCARBON LEAKAGE FROM AN UNDERWATER PIPELINE IN A BODY OF WATER AND HYDROCARBON EXTRACTION UNIT
(73) SAIPEM S.p.A.
(72) LATINI, Gilberto
RIPARI, Daniele
(31) MI20140795
(32) 29.04.2014
(33) Italy

(51) G01M 3/22
(11) EP2229579
(21) EP08727837.0
(47) 31.10.2018
(87) US2008051317
23.07.2009
(22) 17.01.2008
(54) DETECTION OF CO2 LEAKAGE IN A CONTAINER
(73) Carrier Corporation
(72) ASPROVSKI, Zvonko
DURAISAMY, Suresh

(51) G01M 5/00
G01N 3/20
(11) EP2791641
(21) EP12812695.0
(47) 31.10.2018
(87) GB2012053112
20.06.2013
(22) 12.12.2012
(54) APPARATUS FOR TESTING VEHICLE RESTRAINT MEMBERS
(73) Versco Ltd.
(72) BALMER, Stephen
(31) 201121392
(32) 13.12.2011
(33) United Kingdom

(51) G01M 7/02
(11) EP3136077
(21) EP15783012.6
(47) 31.10.2018
(87) JP2015059642
29.10.2015
(22) 27.03.2015
(54) VIBRATION GENERATOR
(73) IMV Corporation
(72) AOKI, Hidenao
NAKAMURA, Katsuhiko
NAKANISHI, Kazushi
(31) 2014088382
(32) 22.04.2014
(33) Japan

(51) G01M 13/04
(11) EP2470875
(21) EP09778157.9
(47) 31.10.2018
(87) EP2009006220
03.03.2011
(22) 27.08.2009
(54) BEARING LIFE-CYCLE PROGNOSTICS
(73) Aktiebolaget SKF
(72) MURRAY, Brian, Gilchrist

(51) G01M 17/04
G01M 13/02
(11) EP3132243
(21) EP15724926.9
(47) 31.10.2018
(87) AT2015050095
22.10.2015
(22) 15.04.2015
(54) METHOD FOR SIMULATING THE BEHAVIOUR OF THE VEHICLE AND CHASSIS DYNAMOMETER
(73) Kristl, Seibt & Co. Gesellschaft m.b.H.
(72) REITER, René
SCHWÄRZLER, Christoph
PALZER, Michael
MARGELIK, Roland
(31) 502872014
(32) 16.04.2014
(33) Austria

(51) G01N 1/38
G01N 35/00
G01N 35/10
(11) EP2810042
(21) EP13704728.8
(47) 31.10.2018
(87) EP2013051619
08.08.2013
(22) 29.01.2013
(54) DEVICE AND METHOD FOR CARRYING OUT HAEMATOLOGICAL AND BIOCHEMICAL MEASUREMENTS FROM A BIOLOGICAL SAMPLE
(73) Bibette, Jérôme
Horiba ABX SAS
(72) BIBETTE, Jérôme
NERIN, Philippe

GINEYS, Jean-Philippe
CAUET, Gilles
(31) 1250961
(32) 02.02.2012
(33) France

(51) G01N 11/04
(11) EP3295149
(21) EP16724344.3
(47) 31.10.2018
(87) EP2016060835
17.11.2016
(22) 13.05.2016
(54) METHOD AND APPARATUS FOR MEASURING RHEOLOGICAL PROPERTIES OF NEWTONIAN AND NON-NEWTONIAN FLUIDS
(73) Consorci Centre de Recerca Matematica
Colomer Farrarons, Jordi
Hernández Machado, Aurora
(72) ALARCÓN COR, Tomás
RODRÍGUEZ VILLARREAL, Angeles Ivón
COLOMER FARRARONS, Jordi
HERNÁNDEZ MACHADO, Aurora
MIRIBEL CATALÀ, Pedro Luis
(31) 15382248
(32) 14.05.2015
(33) European Patent Office (EPO)

(51) G01N 15/10
G01N 1/30
G01N 33/49
G01N 21/53
G01N 33/50
G01N 33/80
G01N 21/05
G01N 15/00
G01N 15/14
(11) EP2972214
(21) EP14723592.3
(47) 31.10.2018
(87) US2014030850
18.09.2014
(22) 17.03.2014
(54) SHEATH FLUID SYSTEMS AND METHODS FOR PARTICLE ANALYSIS IN BLOOD SAMPLES
(73) Iris International, Inc.
(72) FARRELL, Gregory, A.
WANDERS, Bart J.
ADAMS, Thomas H.
GRONER, Warren
ZHAO, Xiaodong
(31) 201361799152 P
(32) 15.03.2013
(33) United States of America

(51) G01N 19/02
(11) EP2233912
(21) EP09156366.8
(47) 31.10.2018
(22) 26.03.2009
(54) Floor element testing device for testing a floor element, in particular an artificial lawn base element
(73) Polytex Sportbeläge Produktions-GmbH
(72) Schumann, Eckhard
Sick, Stephan
Driessen, Ralph

(51) G01N 21/3554
G01N 21/359
G01N 21/84
(11) EP2366101
(21) EP09752669.3
(47) 31.10.2018
(87) US2009064054
27.05.2010
(22) 11.11.2009
(54) DETERMINATION OF BOND STRENGTH OF A RESIN-FIBRE COMPOSITE MATERIAL BASED ON MOISTURE CONTENT MEASURED USING INFARED SPECTROSCOPY
(73) The Boeing Company
(72) GRACE, William B
WERNER, Gregory J
SHELLEY, Paul H
(31) 274161
(32) 19.11.2008
(33) United States of America

(51) G01N 21/359
G01N 21/49
A61B 5/1455
A61B 5/145
(11) EP2565622
(21) EP11774749.3
(47) 31.10.2018
(87) JP2011057871
03.11.2011
(22) 29.03.2011
(54) METHOD AND DEVICE FOR MEASURING A SCATTERING-ABSORPTION BODY
(73) Hamamatsu Photonics K.K.
(72) YAMAKI Etsuko
YAMASHITA Yutaka
ODA Motoki
SUZUKI Hiroaki
SUZUKI Toshihiko
WATANABE Hiroshi
KOGA Shunsaku
(31) 2010105526
(32) 30.04.2010
(33) Japan

(51) G01N 21/39
G01J 3/433
H01S 5/062
G01N 33/00
G01J 3/42
(11) EP3201604
(21) EP15774542.3
(47) 31.10.2018
(87) EP2015071841
07.04.2016
(22) 23.09.2015
(54) METHOD AND GAS ANALYSER FOR MEASURING THE CONCENTRATION OF A GAS COMPONENT IN A GAS TO BE MEASURED
(73) Siemens Aktiengesellschaft
(72) STEINBACHER, Franz
(31) 14186890
(32) 29.09.2014
(33) European Patent Office (EPO)

(51) G01N 21/61
G01N 21/03
G01N 21/3504
H01L 31/12
(11) EP3051274
(21) EP14847800.1
(47) 31.10.2018
(87) JP2014004955
02.04.2015
(22) 26.09.2014
(54) GAS SENSOR
(73) Asahi Kasei Microdevices Corporation
(72) CAMARGO, Edson Gomes
TAKEHARA, Satoshi
(31) 2013202031
2014014700
(32) 27.09.2013
29.01.2014
(33) Japan
Japan

(51) G01N 21/64
(11) EP3217165
(21) EP17169197.5
(47) 31.10.2018
(22) 03.05.2010
(54) OPTICAL DETECTOR FOR PCR METHODS
(73) Sony Corporation
(72) SEGAWA, Yuji
YOTORIYAMA, Tasuku
KAI, Shinichi
(31) 2009117731
2009187342
(32) 14.05.2009
12.08.2009
(33) Japan
Japan

(51) G01N 21/64
G01N 21/59
B07C 5/34
B07C 5/342
(11) EP2808672
(21) EP14176570.1
(47) 31.10.2018
(22) 26.02.2010
(54) Housing for a UV light source
(73) Binder + Co AG
(72) Huber, Reinhold
Leitner, Karl
(31) 52009 U
(32) 19.08.2009
(33) Austria

(51) G01N 21/64
G01N 33/483
G02B 7/02
G01N 21/84
(11) EP3011318
(21) EP14813557.7
(47) 31.10.2018
(87) AU2014050079
24.12.2014
(22) 18.06.2014
(54) ASSAY DEVICE EMPLOYING FLUORESCENT LABELS
(73) Ellume Pty Ltd.
(72) PARSONS, Sean Andrew
HAZELL, Michael Stuart
LARA, David
(31) 2013902222
(32) 19.06.2013
(33) Australia

(51) G01N 21/64
G01N 33/543

G01N 33/557
B01L 3/00
(11) EP2950096
(21) EP15169461.9
(47) 31.10.2018
(22) 27.05.2015
(54) SENSING DEVICE, AND SENSING SYSTEM AND SENSING METHOD USING THE SAME
(73) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Academia Sinica
(72) Chou, Chia-Fu
Leichle, Thierry
Lin, Yii-Lih
Teerapanich, Pattamon
(31) 201462003268 P
(32) 27.05.2014
(33) United States of America

(51) G01N 21/64
G01S 17/89
(11) EP3194935
(21) EP15759983.8
(47) 31.10.2018
(87) US2015044360
11.02.2016
(22) 07.08.2015
(54) INTEGRATED DEVICE FOR TEMPORAL BINNING OF RECEIVED PHOTONS
(73) Quantum-si Incorporated
(72) ROTHBERG, Jonathan M.
FIFE, Keith G.
BOISVERT, David
(31) 201462035377 P
201562164506 P
(32) 08.08.2014
20.05.2015
(33) United States of America
United States of America

(51) G01N 21/80
G05D 21/02
B05B 15/55
(11) EP3040801
(21) EP14840863.6
(47) 31.10.2018
(87) JP2014068819
05.03.2015
(22) 15.07.2014
(54) AUTOMATIC PH ADJUSTMENT DEVICE
(73) National Institute of Advanced Industrial Science and Technology
System Instruments Co., Ltd.
(72) KURODA, Toshiharu
HORIUCHI, Michio
ZHU, Yanbei
CHIBA, Koichi
(31) 2013179817
(32) 30.08.2013
(33) Japan

(51) G01N 21/90
G01B 11/04
G01B 11/245
G01B 11/24
B65C 9/06
(11) EP2156169
(21) EP08758797.8
(47) 31.10.2018
(87) EP2008004212
04.12.2008
(22) 28.05.2008
(54) OPTOELECTRIC DETECTION SYSTEM
(73) KHS GmbH
(72) VOLKWEIN, Frank Joachim
BUCHWALD, Carsten
(31) 102007025524
(32) 31.05.2007
(33) Germany

(51) G01N 21/95
G03F 7/20
H01L 21/66
G01B 5/28
G06F 17/50
(11) EP2526409
(21) EP11732096.0
(47) 31.10.2018
(87) US2011020245
14.07.2011
(22) 05.01.2011
(54) SITE BASED QUANTIFICATION OF SUBSTRATE TOPOGRAPHY AND ITS RELATION TO LITHOGRAPHY DEFOCUS AND OVERLAY
(73) KLA-Tencor Corporation
(72) VEERARAGHAVAN, Sathish
SINHA, Jaydeep K.
(31) 293548 P
778013
(32) 08.01.2010
11.05.2010
(33) United States of America
United States of America

(51) G01N 23/04
G01N 23/087
G05B 15/02
(11) EP2806264
(21) EP13738159.6
(47) 31.10.2018
(87) JP2013050959
25.07.2013
(22) 18.01.2013
(54) X-RAY DEVICE, METHOD, MANUFACTURING METHOD FOR STRUCTURE, PROGRAM, AND RECORDING MEDIUM ON WHICH PROGRAM IS RECORDED
(73) Nikon Corporation
(72) AOKI, Takashi
(31) 2012010370
(32) 20.01.2012
(33) Japan

(51) G01N 23/223
B01D 53/64
B01D 53/86
G01N 1/22
(11) EP2623966
(21) EP11828967.7
(47) 31.10.2018
(87) JP2011071710
05.04.2012
(22) 22.09.2011
(54) GAS ANALYSIS DEVICE, MERCURY REMOVAL SYSTEM, AND METHOD OF REMOVING MERCURY FROM EXHAUST GAS
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) KAGAWA, Seiji
CHIYOMARU, Masaru
UKAI, Nobuyuki
OKAMOTO, Takuya
MURAKAMI, Moritoshi
(31) 2010217909
(32) 28.09.2010
(33) Japan

(51) G01N 25/04
C21C 1/10
G01N 33/20
(11) EP2749657
(21) EP12382542.4
(47) 31.10.2018
(22) 27.12.2012
(54) Method for controlling active magnesium in ductile cast iron
(73) Casa Maristas Azterlan
Veigalan Estudio 2010 S.L.U.
Thermal Quality Control Technologies S.L.U.
(72) Suárez Creo , Ramón
Garay Abascal, Jon
Larrañaga Zarraoa, Pello

(51) G01N 25/16
G01B 7/16
G01N 27/22
(11) EP2965069
(21) EP14760499.5
(47) 31.10.2018
(87) US2014021940
12.09.2014
(22) 07.03.2014
(54) ULTRASENSITIVE RATIOMETRIC CAPACITANCE DILATOMETER AND RELATED METHODS
(73) Quantum Design International, Inc.
(72) SIMMONDS, Michael
(31) 201361774256 P
201314042665
(32) 07.03.2013
30.09.2013
(33) United States of America
United States of America

(51) G01N 25/18
(11) EP2603789
(21) EP11757191.9
(47) 31.10.2018
(87) EP2011063808
16.02.2012
(22) 11.08.2011
(54) DEVICE FOR DETERMINING THERMAL CONDUCTIVITY AND THERMAL DIFFUSIVITY OF A MEASUREMENT SAMPLE
(73) Technische Universität Darmstadt
(72) SASS, Ingo
SEEHAUS, Rainer
BUSS, Arne
STEGNER, Johannes
(31) 102010036992
(32) 13.08.2010
(33) Germany

(51) G01N 25/18
G01N 27/18
B01D 53/94
F01N 3/08
F01N 3/20
F01N 9/00

(11) EP1538437
(21) EP03795368.4
(47) 31.10.2018
(87) JP2003011568
25.03.2004
(22) 10.09.2003
(54) METHOD FOR IDENTIFYING CONCENTRATION OF UREA, AND METHOD FOR REDUCING EXHAUST GAS OF CAR USING THE SAME
(73) SUN-A Corporation
(72) TAKAHATA, Takayuki
KAWANISHI, Toshiaki
YAMAGISHI, Kiyoshi
(31) 2002264603
(32) 10.09.2002
(33) Japan

(51) G01N 25/72
G01J 5/48
(11) EP3118612
(21) EP15761351.4
(47) 31.10.2018
(87) JP2015056246
17.09.2015
(22) 03.03.2015
(54) STEEL-PIPE SURFACE INSPECTION METHOD, SURFACE INSPECTION DEVICE, MANUFACTURING SYSTEM, DEFECT GENERATION-LOCATION SPECIFYING METHOD, AND MANUFACTURING METHOD
(73) JFE Steel Corporation
(72) IIZUKA, Yukinori
ONO, Hiroaki
KODAMA, Toshifumi
OGAWA, Akihiro
(31) 2014049163
(32) 12.03.2014
(33) Japan

(51) G01N 27/02
(11) EP2446254
(21) EP10735318.7
(47) 31.10.2018
(87) GB2010051035
29.12.2010
(22) 22.06.2010
(54) ELECTRICAL TOMOGRAPHY APPARATUS AND METHOD
(73) The University Of Leeds
(72) WANG, Mi
JIA, Jiabin
(31) 0910704
(32) 22.06.2009
(33) United Kingdom

(51) G01N 27/12
G01N 27/18
(11) EP2872882
(21) EP13739409.4
(47) 31.10.2018
(87) EP2013065037
23.01.2014
(22) 16.07.2013
(54) MICRO-HOTPLATE DEVICE AND SENSOR COMPRISING SUCH MICRO-HOTPLATE DEVICE
(73) SGX Sensortech SA
(72) ALEPEE, Christine
MOSER, Nicolas
(31) PCT/EP2012/063931
(32) 16.07.2012
(33) World Intellectual Property Office (WIPO)

(51) G01N 27/26
G01N 33/68
G06F 19/22
G01N 33/543
(11) EP2965073
(21) EP14759439.4
(47) 31.10.2018
(87) US2014020789
12.09.2014
(22) 05.03.2014
(54) TRANSLOCATION OF A POLYMER THROUGH A NANOPORE
(73) Arizona Board Of Regents On Behalf Of Arizona State University
(72) ZHANG, Peiming
LINDSAY, Stuart
(31) 201361772884 P
(32) 05.03.2013
(33) United States of America

(51) G01N 27/327
G01N 27/416
G01K 1/16
(11) EP1467201
(21) EP03701080.8
(47) 31.10.2018
(87) JP2003000225
31.07.2003
(22) 14.01.2003
(54) ANALYZER HAVING TEMPERATURE SENSOR
(73) ARKRAY, Inc.
(72) OSHIMAN, Eisaku
SHIRAKI, Yasunori
(31) 2002009996
(32) 18.01.2002
(33) Japan

(51) G01N 27/416
C12M 1/34
G01N 33/487
(11) EP2483673
(21) EP10760335.9
(47) 31.10.2018
(87) EP2010064437
07.04.2011
(22) 29.09.2010
(54) APPARATUS AND METHOD USING MICROSENSORS FOR MEASURING CELL ACTIVITY
(73) Boehringer Ingelheim Vetmedica GmbH
(72) GUMBRECHT, Walter
SCHIENLE, Meinrad
FREY, Alexander
PAULICKA, Peter
SICKERT, Daniel
STANZEL, Manfred
(31) 102009043527
(32) 30.09.2009
(33) Germany

(51) G01N 27/82
G01N 27/90
G21C 17/017
(11) EP2460000
(21) EP10737055.3
(47) 31.10.2018
(87) EP2010060935
03.02.2011
(22) 28.07.2010
(54) DEVICE FOR DETECTING AT LEAST ONE DEFECT IN A CONCAVE OR CONVEX STRUCTURE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
Institut de Radioprotection et de Sûreté Nucléaire
(72) DECITRE, Jean-Marc
CASULA, Olivier
CATTIAUX, Gérard
(31) 0955341
(32) 30.07.2009
(33) France

(51) G01N 29/26
G01N 29/265
(11) EP2860522
(21) EP14187760.5
(47) 31.10.2018
(22) 06.10.2014
(54) Ultrasonic probe for examining an object by profilometry and corresponding examination method
(73) FRAMATOME
(72) Taglione, Matthieu
Caulier, Yannick
(31) 1359807
(32) 09.10.2013
(33) France

(51) G01N 30/32
G01N 30/20
(11) EP2626697
(21) EP12154228.6
(47) 31.10.2018
(22) 07.02.2012
(54) Liquid chromatography device
(73) King Saud University
(72) Al-Warthan, Abdulrahman Abdullah
Hadj Ahmed, Ahmed Yacine Badjah
Al-Othman, Zeid Abdullah
Aqel, Ahmad

(51) G01N 30/36
B01D 15/20
G01N 30/54
B01D 15/16
(11) EP3120140
(21) EP15717816.1
(47) 31.10.2018
(87) EP2015055997
24.09.2015
(22) 20.03.2015
(54) METHOD AND APPARATUS FOR THE EQUILIBRATION OF A PACKED CHROMATOGRAPHY COLUMN
(73) Biotage AB
(72) RANA, Sunil
JORDAN, Steve
DAVIES, Geoff
(31) 1450333
(32) 21.03.2014
(33) Sweden

(51) G01N 33/00
G01N 1/22
(11) EP2167953
(21) EP08755580.1
(47) 31.10.2018
(87) US2008063757

27.11.2008
(22) 15.05.2008
(54) GAS SAMPLE COLLECTION AND ANALYSIS
(73) O.I. Corporation D/b/a O.I. Analytical
(72) BRANDESKY, Joseph, A.
(31) 917955 P
(32) 15.05.2007
(33) United States of America

(51) G01N 33/02
A23G 1/00
(11) EP3190410
(21) EP16020431.9
(47) 31.10.2018
(22) 03.11.2016
(54) APPARATUS AND PROCESS FOR TESTING SAMPLES OF CONFECTIONERY MASS
(73) Aasted ApS
(72) Holmud, Dennis

(51) G01N 33/02
G01N 33/53
(11) EP2660593
(21) EP11852781.1
(47) 31.10.2018
(87) ES2011000379
05.07.2012
(22) 28.12.2011
(54) DETERMINATION OF LEVELS OF IMMUNOGENIC GLUTEN PEPTIDES IN HUMAN SAMPLES
(73) Universidad de Sevilla
(72) SOUSA MARTÍN, Carolina
COMINO MONTILLA, Isabel
REAL CALDERÓN, Ana
VIVAS ALEGRE, Santiago
CEBOLLA RAMÍREZ, Ángel
(31) 201001633 P
(32) 28.12.2010
(33) Spain

(51) G01N 33/18
G01N 27/66
(11) EP3227676
(21) EP15812886.8
(47) 31.10.2018
(87) IB2015059177
09.06.2016
(22) 27.11.2015
(54) PHOTOIONIZATION DETECTOR SYSTEM FOR ORGANICS IN WATER
(73) Ion Science Limited
(72) DEAN, William, Francis
WITTY, Andrew
(31) 201421306
(32) 01.12.2014
(33) United Kingdom

(51) G01N 33/20
G01N 1/28
(11) EP2154531
(21) EP08777800.7
(47) 31.10.2018
(87) JP2008062037
08.01.2009
(22) 26.06.2008
(54) METHOD FOR ANALYSIS OF METAL SAMPLE
(73) JFE Steel Corporation
(72) KINOSHIRO, Satoshi
ISHIDA, Tomoharu
(31) 2007171713
2008162651
(32) 29.06.2007
23.06.2008
(33) Japan
Japan

(51) G01N 33/46
A01G 17/00
G01B 11/00
(11) EP2986981
(21) EP14722296.2
(47) 31.10.2018
(87) FR2014050954
23.10.2014
(22) 18.04.2014
(54) SYSTEM FOR CHARACTERISING THE PHYSIOLOGICAL STATE OF PLANTS AND CORRESPONDING METHOD
(73) E.RE.C.A. - Ingenierie en Electronique et Informat Industrielle
(72) NICOLLE, Serge, Jacques
DEBUISSON, Sébastien
(31) 1353542
(32) 18.04.2013
(33) France

(51) G01N 33/483
G01N 21/31
G01N 21/84
A61B 10/00
(11) EP3159691
(21) EP15808863.3
(47) 31.10.2018
(87) JP2015066420
23.12.2015
(22) 07.06.2015
(54) FECES COLOR DETECTION DEVICE
(73) Setech Co., Ltd.
(72) SEKINE, Hirokazu
(31) 2014125844
(32) 18.06.2014
(33) Japan

(51) G01N 33/497
(11) EP2976639
(21) EP13712205.7
(47) 31.10.2018
(87) EP2013055883
25.09.2014
(22) 21.03.2013
(54) METHOD AND APPARATUS FOR DETECTING BREATH ALCOHOL CONCENTRATION BASED ON ACOUSTIC BREATH SAMPLER
(73) 2045 Tech S.r.l.
(72) Barbetta, Marco
Penzo, Fabio

(51) G01N 33/50
C07K 16/18
C12N 5/0775
(11) EP2324359
(21) EP09807748.0
(47) 31.10.2018
(87) AU2009001060
25.02.2010
(22) 18.08.2009
(54) USE OF HEAT SHOCK PROTEIN 90-BETA AS MARKER FOR THE IDENTIFICATION AND/OR ENRICHMENT OF ADULT MULTIPOTENTIAL MESENCHYMAL PRECURSOR CELLS
(73) Mesoblast, Inc.
(72) GRONTHOS, Stan
ZANNETTINO, Andrew, Christopher, William
(31) 189349 P
(32) 18.08.2008
(33) United States of America

(51) G01N 33/50
G01N 33/68
(11) EP2880440
(21) EP13747889.7
(47) 31.10.2018
(87) NL2013050569
06.02.2014
(22) 30.07.2013
(54) GENDER, VIABILITY AND/OR DEVELOPMENTAL STAGE DETERMINATION OF AVIAN EMBRYOS IN OVO
(73) In Ovo B.V.
(72) BRUINS, Wouter Sebastiaan
STUTTERHEIM, Wil Marijn
(31) 2009256
201261677227 P
2009255
(32) 30.07.2012
30.07.2012
30.07.2012
(33) Netherlands
United States of America
Netherlands

(51) G01N 33/50
G01N 33/68
(11) EP3042198
(21) EP14759156.4
(47) 31.10.2018
(87) EP2014068722
12.03.2015
(22) 03.09.2014
(54) CORNEODESMOSOMES AND BARRIER FUNCTION MATURATION
(73) Laboratoires Expanscience
(72) MSIKA, Philippe
LACHMANN, Nadège
BAUDOUIN, Caroline
(31) 13182839
(32) 03.09.2013
(33) European Patent Office (EPO)

(51) G01N 33/53
G01N 33/567
G01N 33/573
A61K 31/435
(11) EP2955520
(21) EP15173515.6
(47) 31.10.2018
(22) 16.05.2007
(54) TREATMENT OPTIONS FOR FABRY DISEASE
(73) Amicus Therapeutics, Inc.
NATIONAL INSTITUTES OF HEALTH
(72) LOCKHART, David
CASTELLI, Jeff
(31) 801089 P
853631 P
(32) 16.05.2006

23.10.2006
(33) United States of America
United States of America

(51) G01N 33/543
B01L 3/00
(11) EP3161485
(21) EP15733392.3
(47) 31.10.2018
(87) EP2015064188
30.12.2015
(22) 24.06.2015
(54) BIOSENSOR FOR THE DETECTION OF TARGET COMPONENTS IN A SAMPLE
(73) Koninklijke Philips N.V.
(72) IMMINK, Albert Hendrik Jan
NIEUWENHUIS, Jeroen Hans
SABATTE, Gwénola
HARDEMAN, Wilhelmina Maria
(31) 14173795
(32) 25.06.2014
(33) European Patent Office (EPO)

(51) G01N 33/543
G01N 33/545
(11) EP2942626
(21) EP15168326.5
(47) 31.10.2018
(22) 02.07.2008
(54) DEVICE AND METHOD FOR IDENTIFYING AND DETERMINING BLOOD GROUPS
(73) Diagast
(72) CHAIBI, Najim
(31) 0704741
(32) 02.07.2007
(33) France

(51) G01N 33/543
G01N 33/573
G01N 33/68
(11) EP3092491
(21) EP15734951.5
(47) 31.10.2018
(87) US2015010498
16.07.2015
(22) 07.01.2015
(54) PROTEINS TARGETING ORTHOLOGS
(73) Bioatla, LLC
(72) SHORT, Jay
(31) 201461924487 P
(32) 07.01.2014
(33) United States of America

(51) G01N 33/564
G01N 33/566
G01N 33/569
(11) EP2616811
(21) EP11758465.6
(47) 31.10.2018
(87) EP2011066231
22.03.2012
(22) 19.09.2011
(54) METHOD FOR THE DIAGNOSIS AND/OR PROGNOSIS OF INFLAMMATORY STATES
(73) Centre National de la Recherche Scientifique
Université Montpellier 2 Sciences et Techniques
Stanford University
(72) TIROUVANZIAM, Rabindra
LAVAL, Julie
BATTINI, Jean-Luc
SITBON, Marc
(31) PCT/IB2010/002624
(32) 17.09.2010
(33) World Intellectual Property Office (WIPO)

(51) G01N 33/564
G01N 33/574
G01N 33/74
A61K 39/395
(11) EP3102943
(21) EP15702275.7
(47) 31.10.2018
(87) EP2015052188
13.08.2015
(22) 03.02.2015
(54) DIAGNOSIS OF CANCER BY DETECTING AUTO-ANTIBODIES AGAINST VASCULAR ENDOTHELIALGROWTH FACTOR RECEPTOR (VEGFR)
(73) CellTrend GmbH
(72) HEIDECKE, Harald
SCHULZE-FORSTER, Kai
(31) 14153825
(32) 04.02.2014
(33) European Patent Office (EPO)

(51) G01N 33/569
(11) EP2975409
(21) EP15181446.4
(47) 31.10.2018
(22) 10.05.2011
(54) ZANAMIVIR PHOSPHONATE CONGENERS WITH ANTI-INFLUENZA ACTIVITY AND DETERMINING OSELTAMIVIR SUSCEPTIBILITY OF INFLUENZA VIRUSES
(73) Academia Sinica
(72) WONG, Chi-Huey
FANG, Jim-Min
CHENG, Yih-Shyun
SHIE, Jiun-Jie
(31) 333137 P
(32) 10.05.2010
(33) United States of America

(51) G01N 33/569
G01N 33/576
G01N 33/574
(11) EP3097202
(21) EP15740791.7
(47) 31.10.2018
(87) US2015011221
30.07.2015
(22) 13.01.2015
(54) EXOSOME-MEDIATED DETECTION OF INFECTIONS AND DISEASES
(73) Morehouse School of Medicine
(72) NEWMAN, Gale W.
ANYANWU, Sam
(31) 201461929570 P
(32) 21.01.2014
(33) United States of America

(51) G01N 33/574
C12Q 1/37
G01N 33/573
(11) EP3143406
(21) EP15793284.9
(47) 31.10.2018
(87) CA2015050432
19.11.2015
(22) 13.05.2015
(54) METHIONINE AMINOPEPTIDASE OVEREXPRESSION IN THE PERIPHERAL BLOOD AND PERIPHERAL BLOOD MONONUCLEAR CELLS IS A MARKER FOR COLORECTAL CANCER SCREENING, DIAGNOSIS AND PROGNOSIS
(73) Vastcon
(72) SHRIVASTAV, Shailly
SHRIVASTAV, Anuraag
(31) 201461992554 P
(32) 13.05.2014
(33) United States of America

(51) G01N 33/68
(11) EP2510356
(21) EP10836527.1
(47) 31.10.2018
(87) US2010059248
16.06.2011
(22) 07.12.2010
(54) DIAGNOSTIC METHOD TO IDENTIFY WOMEN AT RISK FOR PRETERM DELIVERY
(73) Cedars-Sinai Medical Center
(72) EQUILS, Ozlem
SIMMONS, Charles, F. Jr.
(31) 267693 P
(32) 08.12.2009
(33) United States of America

(51) G01N 33/68
(11) EP3087392
(21) EP14874414.7
(47) 31.10.2018
(87) AU2014050444
02.07.2015
(22) 23.12.2014
(54) MENTAL ILLNESS MODEL AND MENTAL ILLNESS RISK ASSESSMENT TEST FOR SCHIZOPHRENIC PSYCHOSIS
(73) Williams, Stephanie Sue
(72) WILLIAMS, Stephanie Sue
RADCLIFFE, Natasha Jane
(31) 2013905047
2014902139
2014903799
(32) 23.12.2013
04.06.2014
23.09.2014
(33) Australia
Australia
Australia

(51) G01N 33/68
C07K 16/18
C07K 14/47
A61K 38/00
(11) EP3109636
(21) EP15751770.7
(47) 31.10.2018
(87) JP2015053930
27.08.2015
(22) 13.02.2015
(54) BIOMARKER FOR PARKINSON'S DISEASE AND USE THEREFOR
(73) Tokyo Metropolitan Institute of Medical Science
(72) MATSUDA, Noriyuki

KOYANO, Fumika
OKATSU, Kei
GO, Etsu
KIMURA, Mayumi
SAEKI, Yasushi
(31) 2014028449
(32) 18.02.2014
(33) Japan

(51) G01N 35/02
(11) EP2128626
(21) EP09380082.9
(47) 31.10.2018
(22) 20.04.2009
(54) Apparatus for the automatic analysis of samples on gel cards
(73) Grifols, S.A.
(72) Pellicer Sancho, Marc
(31) 200801622
(32) 30.05.2008
(33) Spain

(51) G01P 1/00
G01P 1/02
G01C 19/5783
(11) EP3009846
(21) EP15179527.5
(47) 31.10.2018
(22) 03.08.2015
(54) ISOLATED SENSOR DEVICE COMPRISING AN ISOLATOR AND AN IMPACT INTERFACE
(73) Honeywell International Inc.
(72) BRAMAN, Todd L. Loren
GROSSMAN, Owen D.
SCHLAGER, Matthew
GRAHAM, Jason Daniel
HANSON, Timothy J.
(31) 201414509897
(32) 08.10.2014
(33) United States of America

(51) G01P 1/00
G01P 1/02
H01B 7/18
G01D 11/24
(11) EP2104836
(21) EP07819743.1
(47) 31.10.2018
(87) EP2007009751
17.07.2008
(22) 10.11.2007
(54) DEVICE COMPRISING A SENSOR AND COUPLING MEANS
(73) WABCO GmbH
(72) HÖFLER, Siegfried
SINGBARTL, Günther
(31) 102006060648
(32) 21.12.2006
(33) Germany

(51) G01P 13/00
H04M 1/725
H04W 4/02
(11) EP2756658
(21) EP12766550.3
(47) 31.10.2018
(87) US2012055622
21.03.2013
(22) 14.09.2012
(54) DETECTING THAT A MOBILE DEVICE IS RIDING WITH A VEHICLE
(73) Qualcomm Incorporated
(72) GROKOP, Leonard, Henry
DHINGRA, Bhuwan
(31) 201161535922 P
(32) 16.09.2011
(33) United States of America

(51) G01P 15/08
G01C 19/5769
G01P 1/02
G01P 1/00
B81B 7/00
G01P 15/18
(11) EP3092499
(21) EP14876635.5
(47) 31.10.2018
(87) US2014072694
09.07.2015
(22) 30.12.2014
(54) ROBUST INERTIAL SENSORS
(73) Robert Bosch GmbH
(72) KIM, Bonsang
FEYH, Ando
GRAHAM, Andrew
O'BRIEN, Gary
BAUS, Michael
MAIER, Ralf
KOC, Mariusz
(31) 201361921927 P
(32) 30.12.2013
(33) United States of America

(51) G01P 15/08
G01P 15/18
G01D 5/14
G01R 33/09
(11) EP2966453
(21) EP14290201.4
(47) 31.10.2018
(22) 11.07.2014
(54) MLU based accelerometer using a magnetic tunnel junction
(73) Crocus Technology
(72) Alaoui, Ali

(51) G01R 15/14
G01R 15/18
H01F 38/36
G01R 11/04
G01R 21/06
H01H 71/12
(11) EP2541260
(21) EP12354030.4
(47) 31.10.2018
(22) 22.05.2012
(54) Device for measuring the electric current circulating in electrical equipment, said device enabling the measurement of energy
(73) Schneider Electric Industries SAS
(72) Moliton, Vivien
Buffat, Sébastien
(31) 1101985
(32) 28.06.2011
(33) France

(51) G01R 15/16
G01R 15/06
(11) EP2689256
(21) EP12719291.2
(47) 31.10.2018
(87) EP2012055353
04.10.2012
(22) 26.03.2012
(54) HIGH VOLTAGE MEASUREMENT SYSTEMS
(73) Katholieke Universiteit Leuven
Eandis
(72) DE RYBEL, Tom
VANDEWINCKEL, Eric
(31) 11159761
(32) 25.03.2011
(33) European Patent Office (EPO)

(51) G01R 27/26
H01P 5/04
G01R 21/00
G01N 22/00
G01N 27/22
H01P 5/103
H01P 7/06
(11) EP2851693
(21) EP14184958.8
(47) 31.10.2018
(22) 16.09.2014
(54) Device for measuring the quality factor of a cavity, in particular a superconducting cavity, disrupted by resonating electronic discharges
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(72) Luong, Michel
(31) 1359059
(32) 20.09.2013
(33) France

(51) G01R 31/02
G01R 31/40
G01R 31/04
H02S 50/10
(11) EP2895872
(21) EP13766797.8
(47) 31.10.2018
(87) US2013058927
20.03.2014
(22) 10.09.2013
(54) METHOD AND APPARATUS FOR DETECTING A LOOSE ELECTRICAL CONNECTION IN A PHOTOVOLTAIC SYSTEM
(73) Eaton Corporation
(72) LUEBKE, Charles, John
ZHOU, Xin
SHEA, John, J.
PAHL, Birger
PIER, B., Thomas
(31) 201213609529
(32) 11.09.2012
(33) United States of America

(51) G01R 31/26
G01R 19/25
(11) EP2419749
(21) EP10715144.1
(47) 31.10.2018
(87) EP2010054240
21.10.2010
(22) 30.03.2010
(54) METHOD OF DIAGNOSING THE FAILURE OF A PHOTOVOLTAIC GENERATOR:
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) CHAINTREUIL, Nicolas

BARRUEL, Franck
LABRUNIE, Antoine
(31) 0901886
(32) 17.04.2009
(33) France

(51) G01R 31/28
(11) EP3217182
(21) EP17168554.8
(47) 31.10.2018
(22) 26.09.2012
(54) SYSTEMS AND METHODS TO EMULATE HIGH FREQUENCY ELECTRICAL SIGNATURES
(73) Belkin International, Inc.
(72) YOGEESWARAN, Karthik
GILLEN-O'NEEL, Charles
GARB, Jeffery
(31) 201161539427 P
201161578638 P
201213444531
(32) 26.09.2011
21.12.2011
11.04.2012
(33) United States of America
United States of America
United States of America

(51) G01R 31/34
H02K 15/00
H02K 11/22
G01S 17/08
G01S 7/48
(11) EP2924453
(21) EP14161812.4
(47) 31.10.2018
(22) 26.03.2014
(54) Method of inspecting a generator air-gap
(73) Siemens Aktiengesellschaft
(72) Airoldi, Giovanni
Kordjian, Paul
Tourde, Xavier
Urda, Adriana Cristina
Wu, Lijian

(51) G01R 31/36
(11) EP3224637
(21) EP15808759.3
(47) 31.10.2018
(87) FR2015053244
02.06.2016
(22) 26.11.2015
(54) AUTOMATIC METHOD FOR ESTIMATING THE CAPACITY OF A CELL OF A BATTERY
(73) Renault S.A.S.
(72) HEIRIES, Vincent
MICHEL, Paul-Henri
(31) 1461620
(32) 28.11.2014
(33) France

(51) G01R 31/36
H02J 7/00
G01R 22/02
G05F 5/00
(11) EP2899557
(21) EP13790785.3
(47) 31.10.2018
(87) CN2013077720
21.11.2013
(22) 21.06.2013
(54) METHOD AND MOBILE TERMINAL FOR REVISING POWER LEVEL OF MOBILE TERMINAL
(73) ZTE Corporation
(72) CAI, Xiaoguang
(31) 201210355152
(32) 21.09.2012
(33) China

(51) G01R 33/09
G01B 7/30
G01D 5/16
H01L 43/08
G01R 33/00
G01R 33/02
H01L 43/02
B82Y 10/00
G11B 5/39
H01L 43/12
(11) EP2696211
(21) EP12767908.2
(47) 31.10.2018
(87) CN2012073488
11.10.2012
(22) 01.04.2012
(54) SINGLE CHIP BRIDGE MAGNETIC FIELD SENSOR AND PREPARATION METHOD THEREOF
(73) MultiDimension Technology Co., Ltd
(72) LEI, Xiaofeng
JIN, Insik
DEAK, James Geza
SHEN, Weifeng
LIU, Mingfeng
XUE, Songsheng
(31) 201110084595
201110326762
(32) 06.04.2011
25.10.2011
(33) China
China

(51) G01R 33/09
G01B 7/30
G01D 5/16
H01L 43/08
G01R 33/00
G01R 33/02
H01L 43/02
G01D 5/14
(11) EP2682773
(21) EP12752760.4
(47) 31.10.2018
(87) CN2012071879
07.09.2012
(22) 02.03.2012
(54) SEPARATELY PACKAGED BRIDGE MAGNETIC-FIELD ANGLE SENSOR
(73) Multidimension Technology Co., Ltd.
(72) DEAK, James Geza
SHEN, Weifeng
ZHANG, Xiaojun
LEI, Xiaofeng
JIN, Insik
XUE, Songsheng
(31) 201110050747
(32) 03.03.2011
(33) China

(51) G01R 33/09
G01B 7/30
G01D 5/16
H01L 43/08
G01R 33/00
G01R 33/02
H01L 43/02
G01D 5/14
G06Q 10/00
G07F 1/00
H01L 27/22
(11) EP2696209
(21) EP12767718.5
(47) 31.10.2018
(87) CN2012073495
11.10.2012
(22) 01.04.2012
(54) SINGLE-CHIP PUSH-PULL BRIDGE-TYPE MAGNETIC FIELD SENSOR
(73) MultiDimension Technology Co., Ltd
(72) JIN, Insik
LEI, Xiaofeng
DEAK, James Geza
SHEN, Weifeng
XUE, Songsheng
LI, Wei
(31) 201120097042 U
201110326725
(32) 06.04.2011
25.10.2011
(33) China
China

(51) G01R 33/28
A61B 10/02
A61B 6/00
A61B 6/03
A61B 6/12
(11) EP2619602
(21) EP11764602.6
(47) 31.10.2018
(87) GB2011051785
29.03.2012
(22) 21.09.2011
(54) MR- OR CT-GUIDED MEDICAL INSTRUMENTS
(73) Cook Medical Technologies LLC
(72) COCKBURN, John
(31) 201016461
201015897
(32) 30.09.2010
22.09.2010
(33) United Kingdom
United Kingdom

(51) G01R 33/28
G01R 33/422
A61B 5/055
A61G 11/00
(11) EP3068297
(21) EP14862942.1
(47) 31.10.2018
(87) IL2014050987
21.05.2015
(22) 12.11.2014
(54) MRI-INCUBATOR'S CLOSURE ASSEMBLY
(73) Aspect Imaging Ltd.
(72) RAPOPORT, Uri
RABINOVITZ, Itzchak
(31) 201361905221 P
(32) 17.11.2013

(33) United States of America

(51) G01R 33/385
(11) EP3218732
(21) EP15793774.9
(47) 31.10.2018
(87) EP2015076053
19.05.2016
(22) 09.11.2015
(54) GRADIENT AMPLIFIER SYSTEM IN A MRI SYSTEM AND METHOD FOR SUPPLYING CURRENT USING THE SYSTEM
(73) Koninklijke Philips N.V.
(72) LIN, Yingfeng
(31) PCT/CN2014/090788
15160448
(32) 11.11.2014
24.03.2015
(33) World Intellectual Property Office (WIPO)
European Patent Office (EPO)

(51) G01S 3/02
H04J 14/02
(11) EP2409171
(21) EP10744086.9
(47) 31.10.2018
(87) US2010000962
26.08.2010
(22) 31.03.2010
(54) SELF-CORRECTING WAVELENGTH COLLISION AVOIDANCE SYSTEM
(73) Aurora Network, Inc.
(72) PRADZYNSKI, Krzysztof
MYSORE, Sudhesh
SNIEZKO, Oleh
(31) 660027
208027 P
(32) 18.02.2010
18.02.2009
(33) United States of America
United States of America

(51) G01S 5/02
G01S 13/74
G01V 15/00
G07C 9/00
(11) EP3087410
(21) EP15702378.9
(47) 31.10.2018
(87) EP2015050070
02.07.2015
(22) 05.01.2015
(54) LOCALISATION SYSTEM
(73) Televic Healthcare NV
(72) CROMBEZ, Pieter
GESQUIERE, John
(31) 13199605
(32) 24.12.2013
(33) European Patent Office (EPO)

(51) G01S 5/14
G01S 5/02
G01S 13/76
(11) EP3036557
(21) EP14761737.7
(47) 31.10.2018
(87) US2014051755
26.02.2015
(22) 19.08.2014
(54) SYSTEM AND METHOD FOR SELECTING A WI-FI ACCESS POINT FOR POSITION DETERMINATION
(73) Qualcomm Incorporated
(72) GAO, Weihua
PALANKI, Ravi
CHEN, Wei
BHATIA, Ashok
(31) 201313972750
(32) 21.08.2013
(33) United States of America

(51) G01S 5/14
H04W 64/00
H04L 12/841
H04L 12/26
(11) EP2929365
(21) EP13798844.0
(47) 31.10.2018
(87) US2013070101
19.06.2014
(22) 14.11.2013
(54) METHODS AND SYSTEMS FOR ENHANCED ROUND TRIP TIME (RTT) EXCHANGE
(73) QUALCOMM INCORPORATED
(72) ALDANA, Carlos Horacio
HOMCHAUDHURI, Sandip
HE, Xin
ZHANG, Xiaoxin
SHUKLA, Ashish Kumar
(31) 201261735469 P
201313794543
(32) 10.12.2012
11.03.2013
(33) United States of America
United States of America

(51) G01S 7/02
(11) EP3218738
(21) EP15774548.0
(47) 31.10.2018
(87) EP2015071932
19.05.2016
(22) 24.09.2015
(54) METHOD FOR DETECTING SIGNALS IN A FREQUENCY-AMBIGUOUS DIGITAL RECEIVER, AND DIGITAL RECEIVER IMPLEMENTING SUCH A METHOD
(73) THALES
(72) CORNIC, Pascal
LE BIHAN, Patrick
FILLATRE, Joël
(31) 1402548
(32) 12.11.2014
(33) France

(51) G01S 7/03
G01S 13/04
G01S 13/88
H01Q 21/00
H01Q 21/06
B65G 13/00
H01Q 13/12
(11) EP3164730
(21) EP15747370.3
(47) 31.10.2018
(87) DE2015100255
07.01.2016
(22) 23.06.2015
(54) SENSOR FOR A ROLLER CONVEYOR AND METHOD FOR DETECTION OF OBJECTS ON A ROLLER CONVEYOR
(73) Sick AG
(72) PRINZ, Oliver
KERN, Simon
(31) 102014109402
(32) 04.07.2014
(33) Germany

(51) G01S 13/28
G01S 13/44
G01S 7/40
G01S 7/32
G01S 7/292
(11) EP3234638
(21) EP15794531.2
(47) 31.10.2018
(87) EP2015076233
23.06.2016
(22) 10.11.2015
(54) METHOD FOR DETERMINING PARAMETERS OF A COMPRESSION FILTER AND ASSOCIATED MULTICHANNEL RADAR
(73) Thales
(72) COTTRON, Rodolphe
HODE, Jean-Michel
(31) 1402930
(32) 19.12.2014
(33) France

(51) G01S 13/60
G01S 13/86
G01C 21/16
(11) EP2476015
(21) EP10749663.0
(47) 31.10.2018
(87) EP2010063172
17.03.2011
(22) 08.09.2010
(54) METHOD FOR DETERMINING THE NAVIGATION SPEED OF A CARRIER AND HYBRIDIZATION DEVICE
(73) Safran Electronics & Defense
(72) GAVILLET, Simon
(31) 0956106
(32) 08.09.2009
(33) France

(51) G01S 13/87
G01S 17/87
F41H 11/02
G01S 13/00
(11) EP1536246
(21) EP04292726.9
(47) 31.10.2018
(22) 18.11.2004
(54) Method for the detection of the entry of a target into a zone, detection device and protection device using the method
(73) NEXTER Munitions
(72) Bredy, Thierry
(31) 0314101
0314099
(32) 27.11.2003
27.11.2003
(33) France
France

(51) G01S 17/10
G01S 7/486

(11) EP2887096
(21) EP14197389.1
(47) 31.10.2018
(22) 11.12.2014
(54) Distance measurement device, receiver thereof and method of distance measurement
(73) Oulun Yliopisto
(72) Kostamovaara, Juha
(31) 20136322
(32) 23.12.2013
(33) Finland

(51) G01S 17/87
G01S 17/89
G01S 7/481
(11) EP2800984
(21) EP13700486.7
(47) 31.10.2018
(87) EP2013050129
11.07.2013
(22) 07.01.2013
(54) CAMERA ARRANGEMENT FOR MEASURING DISTANCE
(73) Johnson Controls GmbH
(72) EPPINGER, Andreas
SCHLIEP, Frank
KIRSCH, Oliver
BOEHM, Hannes, Rene
(31) 102012000176
102012207931
(32) 07.01.2012
11.05.2012
(33) Germany
Germany

(51) G01S 17/93
(11) EP2653889
(21) EP13162644.2
(47) 31.10.2018
(22) 08.04.2013
(54) Optoelectronic sensor device with improved reception optics, motor vehicle and corresponding method
(73) Valeo Schalter und Sensoren GmbH
(72) Jan, Simon
Schuler, Thomas
Korkut, Mehmet
(31) 102012007983
(32) 20.04.2012
(33) Germany

(51) G01T 1/20
(11) EP2207047
(21) EP09177639.3
(47) 31.10.2018
(22) 01.12.2009
(54) X-ray image obtaining/imaging apparatus and method
(73) Samsung Electronics Co., Ltd.
(72) Sung, Young Hun
Kang, Dong-Goo
Lee, Jong Ha
Kim, Sung Su
(31) 20080121079
(32) 02.12.2008
(33) Korea (Republic)

(51) G01V 1/00
(11) EP2662708
(21) EP13166928.5
(47) 31.10.2018
(22) 08.05.2013
(54) Earthquake precursor observation device and method, earthquake precursor observation program
(73) Kikuchi, Toshiaki
(72) Kikuchi, Toshiaki
(31) 2012107925
(32) 09.05.2012
(33) Japan

(51) G01V 1/40
(11) EP2380041
(21) EP10732033.5
(47) 31.10.2018
(87) US2010020892
22.07.2010
(22) 13.01.2010
(54) WIRELESS POWER AND TELEMETRY TRANSMISSION BETWEEN CONNECTIONS OF WELL COMPLETIONS
(73) Schlumberger Holdings Limited
(72) CHEN, Kuo-Chiang
EL-KHAZINDAR, Yasser Mahmoud
(31) 145343 P
558029
(32) 16.01.2009
11.09.2009
(33) United States of America
United States of America

(51) G01V 3/30
(11) EP2976664
(21) EP14729089.4
(47) 31.10.2018
(87) US2014023053
25.09.2014
(22) 11.03.2014
(54) RESTORABLE ANTENNAE APPARATUS AND SYSTEM FOR WELL LOGGING
(73) China National Petroleum Corporation
Oliden Technology, LLC
(72) OKONKWO, Chidiebele, Gabriel
LI, Qiming
LI, Anzong
LI, Chuanwei
ZHU, Jun
(31) 201313849231
(32) 22.03.2013
(33) United States of America

(51) G01V 8/20
G01S 17/87
G01S 7/497
G01C 3/08
F16P 3/14
G01S 17/89
(11) EP1949143
(21) EP06818510.7
(47) 31.10.2018
(87) EP2006010886
18.05.2007
(22) 14.11.2006
(54) APPARATUS AND METHOD FOR MONITORING A ZONE OF A ROOM, PARTICULARLY FOR SECURING A HAZARD AREA OF AN AUTOMATICALLY OPERATING SYSTEM
(73) Pilz GmbH & Co. KG
(72) FUCHS, Oliver
WENDLER, Martin
DOETTLING, Dietmar
(31) 102005056265
(32) 14.11.2005
(33) Germany

(51) G02B 1/04
(11) EP2681120
(21) EP12752165.6
(47) 31.10.2018
(87) US2012026210
07.09.2012
(22) 23.02.2012
(54) SILICONE HYDROGEL CONTACT LENSES AND RELATED COMPOSITIONS AND METHODS
(73) CooperVision International Holding Company, LP
(72) LIU, Yuwen
CHEN, Charlie
HONG, Ye
FRANCIS, Charles, A.
YAO, Li
BACK, Arthur
(31) 201161447143 P
(32) 28.02.2011
(33) United States of America

(51) G02B 1/04
(11) EP3054322
(21) EP14848370.4
(47) 31.10.2018
(87) KR2014009137
02.04.2015
(22) 29.09.2014
(54) RESIN COMPOSITION FOR OPTICAL FILM, OPTICAL FILM FORMED USING SAME, AND POLARIZING PLATE AND IMAGE DISPLAY DEVICE COMPRISING SAME
(73) LG Chem, Ltd.
LG MMA Corp.
(72) UM, Jun-Geun
PARK, Sung-Il
JEON, Seong-Jang
LEE, Nam-Jeong
PARK, Sei-Jung
PARK, Tae-Sung
KIM, Cheol-Ho
JEON, Eun-Jin
(31) 20130117048
20140123606
(32) 30.09.2013
17.09.2014
(33) Korea (Republic)
Korea (Republic)

(51) G02B 1/04
(11) EP3023816
(21) EP14849431.3
(47) 31.10.2018
(87) KR2014008752
02.04.2015
(22) 19.09.2014
(54) COMPOSITION FOR MANUFACTURING OPTICAL DEVICE HAVING NEGATIVE OPTICAL DISPERSION AND OPTICAL ANISOTROPIC BODY MANUFACTURED THEREFROM
(73) LG Chem, Ltd.
(72) KIM, Jung Hyun
CHUN, Sung-Ho

SEO, Kyung Chang
LEE, Min Hyung
AHN, Jun Seong
(31) 20130116534
20140124470
(32) 30.09.2013
18.09.2014
(33) Korea (Republic)
Korea (Republic)

(51) G02B 1/111
G02B 1/11
B32B 7/02
B32B 9/00
G02B 3/00
G02B 1/02
C03C 17/42
C09D 179/08
C03C 1/00
G02B 1/118
(11) EP2977794
(21) EP15180511.6
(47) 31.10.2018
(22) 19.02.2008
(54) OPTICAL MEMBER, OPTICAL SYSTEM USING THE OPTICAL MEMBER, AND METHOD OF MANUFACTURING AN OPTICAL MEMBER
(73) Canon Kabushiki Kaisha
(72) Nakayama, Tomonari
Yamada, Masayuki
(31) 2007040003
2008033290
(32) 20.02.2007
14.02.2008
(33) Japan
Japan

(51) G02B 5/02
G02B 5/30
(11) EP2513682
(21) EP09852405.1
(47) 31.10.2018
(87) US2009068833
23.06.2011
(22) 18.12.2009
(54) BIREFRINGENT DIFFUSER
(73) Hewlett Packard Development Company, L.P.
(72) KITSON, Stephen
GEISOW, Adrian
NEWTON, Christopher

(51) G02B 5/04
G02B 27/00
G02B 17/08
F21V 5/02
F21V 5/04
F21V 5/08
F21V 5/00
(11) EP2556394
(21) EP11712273.9
(47) 31.10.2018
(87) EP2011055368
13.10.2011
(22) 06.04.2011
(54) LIGHTING MODULE AND LAMP HAVING A LIGHTING MODULE
(73) Trilux GmbH & Co. KG
(72) RUDOLPH, Horst
SELTMANN, Stefan
(31) 102010014289
(32) 08.04.2010
(33) Germany

(51) G02B 5/18
F03D 17/00
G01M 11/08
(11) EP3062131
(21) EP15177531.9
(47) 31.10.2018
(22) 20.07.2015
(54) METHOD FOR DETECTING DAMAGE OF WIND TURBINE BLADE AND WIND TURBINE
(73) MITSUBISHI HEAVY INDUSTRIES, LTD.
(72) IDE, Kazunari
TAKITA, Katsuhiko
KUROIWA, Takao
BABA, Mitsuya
NISHINO, Hiroshi
KOYANAGI, Takuya
(31) 2015033849
(32) 24.02.2015
(33) Japan

(51) G02B 5/20
G02B 5/26
E06B 3/66
E06B 3/67
G02B 6/00
H02S 40/22
H01L 31/054
(11) EP2726919
(21) EP12807656.9
(47) 31.10.2018
(87) AU2012000787
10.01.2013
(22) 29.06.2012
(54) A SPECTRALLY SELECTIVE PANEL
(73) Tropiglas Technologies Ltd
(72) ROSENBERG, Victor
VASILIEV, Mikhail
ALAMEH, Kamal
(31) 2011902631
2011904552
2012900381
2012901618
(32) 01.07.2011
02.11.2011
02.02.2012
24.04.2012
(33) Australia
Australia
Australia
Australia

(51) G02B 6/00
H05B 33/08
G02F 1/13
F21V 8/00
G09G 3/34
G02F 1/1335
H01F 27/28
H01F 27/02
(11) EP3171668
(21) EP16186891.4
(47) 31.10.2018
(22) 01.09.2016
(54) BACKLIGHT UNIT
(73) Samsung Display Co., Ltd.
(72) KWON, Youngsup
MIN, Byungkyou
JANG, Jinwon
(31) 20150162267
(32) 19.11.2015
(33) Korea (Republic)

(51) G02B 6/02
G02B 6/036
G02B 6/14
H01S 3/067
H01S 3/094
G02B 6/42
(11) EP2109788
(21) EP08729054.0
(47) 31.10.2018
(87) US2008053057
14.08.2008
(22) 05.02.2008
(54) SEGMENTED GAIN-DOPING OF AN OPTICAL FIBER
(73) Furukawa Electric North America Inc.
(72) RAMACHANDRAN, Siddharth
DIGIOVANNI, David, J.
GHALMI, Samir
MERMELSTEIN, Marc
(31) 888114 P
(32) 05.02.2007
(33) United States of America

(51) G02B 6/10
B82Y 10/00
(11) EP2856226
(21) EP13726986.6
(47) 31.10.2018
(87) US2013042199
05.12.2013
(22) 22.05.2013
(54) NANOTUBE SIGNAL TRANSMISSION SYSTEM
(73) The Boeing Company
(72) HOWE, Wayne R.
HUNT, Jeffrey H.
LI, Angela W.
(31) 201213482768
(32) 29.05.2012
(33) United States of America

(51) G02B 6/12
G02B 6/122
(11) EP3090294
(21) EP14821222.8
(47) 31.10.2018
(87) EP2014079428
09.07.2015
(22) 30.12.2014
(54) STRUCTURE FOR OPTICAL WAVEGUIDE AND CONTACT WIRE INTERSECTION
(73) Medlumics S.L.
(72) ZINOVIEV, Kirill
RUBIO, Jose Luis
(31) 201361922297 P
201414584592
(32) 31.12.2013
29.12.2014
(33) United States of America
United States of America

(51) G02B 6/122
H01S 5/0683
H01S 5/10
(11) EP2905641

(21) EP15000349.9
(47) 31.10.2018
(22) 06.02.2015
(54) High-efficiency optical waveguide transitions
(73) Aurrion, Inc.
(72) Norberg, Erik Johan
Roth, Jonathan Edgar
(31) 201461936504 P
201414537609
(32) 06.02.2014
10.11.2014
(33) United States of America
United States of America

(51) G02B 6/36
H04B 10/80
(11) EP2176695
(21) EP08768551.7
(47) 31.10.2018
(87) US2008007554
31.12.2008
(22) 16.06.2008
(54) OPTICAL INTERCONNECT
(73) Hewlett Packard Enterprise Development LP
(72) WANG, Shih-yuan
SIGALAS, Mihail
WU, Wei
(31) 821532
(32) 22.06.2007
(33) United States of America

(51) G02B 6/38
H02G 15/013
(11) EP2899576
(21) EP14152337.3
(47) 31.10.2018
(22) 23.01.2014
(54) Mounting device for a splice closure
(73) Hauff-Technik GmbH & Co. KG
(72) Heck, Martin
Kurz, Ralf

(51) G02B 6/42
(11) EP2787379
(21) EP12852944.3
(47) 31.10.2018
(87) JP2012079245
06.06.2013
(22) 12.11.2012
(54) OPTICAL RECEPTACLE AND OPTICAL MODULE PROVIDED WITH SAME
(73) Enplas Corporation
(72) MORIOKA Shimpei
NIIMI Tadanobu
KANKE Shinya
TANAZAWA Masahiro
(31) 2011264644
2012224086
(32) 02.12.2011
09.10.2012
(33) Japan
Japan

(51) G02B 6/44
(11) EP2751606
(21) EP12770321.3
(47) 31.10.2018
(87) US2012052962
07.03.2013
(22) 30.08.2012
(54) APPARATUS AND METHOD FOR TOOLLESSLY, RELEASABLY ATTACHING COMPONENTS TO AN OPTICAL FIBER DISTRIBUTION FRAME
(73) Corning Optical Communications LLC
(72) BAKER, Steven Ray
DAGLEY, Mark Robert
WILLIAMS, Anthony Lynn
WORKS, Antwan Joco'ques
(31) 201161530697 P
(32) 02.09.2011
(33) United States of America

(51) G02B 6/44
(11) EP2674800
(21) EP13171259.8
(47) 31.10.2018
(22) 10.06.2013
(54) Access Terminal Box
(73) Huawei Technologies Co., Ltd.
(72) Shi, Deyi
Zhou, Peng
(31) 201210199402
(32) 15.06.2012
(33) China

(51) G02B 6/44
G02B 6/255
(11) EP2929387
(21) EP13802840.2
(47) 31.10.2018
(87) US2013072706
12.06.2014
(22) 03.12.2013
(54) FIBER OPTIC MODULES WITH SPLICE HOLDER AND FIBER MANAGEMENT FEATURES
(73) Corning Optical Communications LLC
(72) BLACKWELL, Chois, Alven, Jr.
COX, Terry Dean
(31) 201261734646 P
201361791341 P
(32) 07.12.2012
15.03.2013
(33) United States of America
United States of America

(51) G02B 6/44
H02G 3/04
(11) EP2174173
(21) EP08796928.3
(47) 31.10.2018
(87) US2008071721
05.02.2009
(22) 31.07.2008
(54) HINGE FOR CABLE TROUGH COVER
(73) ADC Telecommunications, Inc.
(72) OWENS, Ryan, J.
NORRIS, Jeffrey, J.
BARNES, Thomas, L.
(31) 953376 P
(32) 01.08.2007
(33) United States of America

(51) G02B 19/00
F21S 8/04
F21V 5/04
F21S 9/02
F21Y 115/10
(11) EP2711615
(21) EP13185114.9
(47) 31.10.2018
(22) 19.09.2013
(54) Lens and light emitting device incorporating a lens
(73) Eaton Intelligent Power Limited
(72) MORGAN, Martin, James
LAURET, Jean-Pierre
(31) 201216833
(32) 20.09.2012
(33) United Kingdom

(51) G02B 21/00
G01N 21/64
(11) EP2524259
(21) EP11704670.6
(47) 31.10.2018
(87) IB2011050154
21.07.2011
(22) 13.01.2011
(54) A STIMULATED EMISSION DEPLETION (STED) MICROSCOPY SYSTEM
(73) Koninklijke Philips N.V.
(72) HENDRIKS, Bernardus, Hendrikus, Wilhelmus
'T HOOFT, Gert
HORIKX, Jeroen, Jan, Lambertus
(31) 295369 P
(32) 15.01.2010
(33) United States of America

(51) G02B 21/24
(11) EP2947494
(21) EP15168901.5
(47) 31.10.2018
(22) 22.05.2015
(54) MICROSCOPE APPARATUS
(73) Olympus Corporation
(72) Yamazawa, Yoshitsugu
(31) 2014107395
(32) 23.05.2014
(33) Japan

(51) G02B 21/36
G01B 11/06
G01B 11/25
(11) EP2905575
(21) EP14154205.0
(47) 31.10.2018
(22) 06.02.2014
(54) Image sequence and evaluation method, system and computer program for structured illumination microscopy for measuring a 3D height map
(73) Mitutoyo Corporation
(72) Haitjema, Han
de Nooij, Frans
Redlarski, Lukasz

(51) G02B 27/01
B61L 15/00
(11) EP2734888
(21) EP12769075.8
(47) 31.10.2018
(87) EP2012068936
04.04.2013
(22) 26.09.2012
(54) LOCOMOTIVE DRIVER'S CAB
(73) Siemens Mobility GmbH
(72) PORSCH, Roland
SCHAEPER, Wilhelm
(31) 102011083534
(32) 27.09.2011
(33) Germany

(51) G02B 27/01
G03B 21/30
(11) EP3185062
(21) EP16202825.2
(47) 31.10.2018
(22) 08.12.2016
(54) HEAD-UP DISPLAY
(73) Nidec Sankyo CMI Corporation
(72) Ohkawa, Takanori
Kodaira, Osamu
Hatasako, Hiroyuki
Kasuga, Takafumi
Ueki, Takahisa
(31) 2015240784
(32) 10.12.2015
(33) Japan

(51) G02C 7/02
(11) EP2947505
(21) EP15168335.6
(47) 31.10.2018
(22) 20.05.2015
(54) METHOD FOR REDUCING THE THICKNESS OF A LENS SHAPE
(73) Carl Zeiss Vision International GmbH
Carl Zeiss Vision, Inc.
(72) Spratt, Ray Steven
Kratzer, Timo
Ellinger, Philipp
(31) PCT/US2014/039185
(32) 22.05.2014
(33) World Intellectual Property Office (WIPO)

(51) G02C 7/04
(11) EP2978453
(21) EP14773271.3
(47) 31.10.2018
(87) US2014032401
02.10.2014
(22) 31.03.2014
(54) DRUG DELIVERY FROM CONTACT LENSES WITH A FLUIDIC MODULE
(73) Onefocus Technology, LLC
(72) WAITE, Steve
GUPTA, Amitava
SCHNELL, Urban
(31) 201361806538 P
(32) 29.03.2013
(33) United States of America

(51) G02C 13/00
G02C 7/02
A61B 5/11
(11) EP2467751
(21) EP10722933.8
(47) 31.10.2018
(87) EP2010002821
23.12.2010
(22) 08.05.2010
(54) METHOD AND APPARATUS FOR DETERMINING THE HABITUAL HEAD POSTURE
(73) Carl Zeiss Vision International GmbH
(72) KUBITZA, Matthias
GAMPERLING, Michael
CABEZA-GUILLÉN, Jesús Miguel
(31) 102009025215
(32) 17.06.2009
(33) Germany

(51) G02F 1/1333
G02F 1/1335
H01J 11/20
H01J 17/49
H01L 27/32
(11) EP2759866
(21) EP13199152.3
(47) 31.10.2018
(22) 20.12.2013
(54) Flat-panel display exhibiting reduced light-leakage and improved protection at the panel edge
(73) LG Display Co., Ltd.
(72) Kim, Yong Sung
Han, Sang Hwa
(31) 20130007860
(32) 24.01.2013
(33) Korea (Republic)

(51) G02F 1/1333
G02F 1/13357
(11) EP2751615
(21) EP12828695.2
(47) 31.10.2018
(87) KR2012007011
07.03.2013
(22) 31.08.2012
(54) DISPLAY APPARATUS
(73) LG Electronics Inc.
(72) KIM, Tae Gyun
KIM, Byung Gun
(31) 201161530027 P
(32) 01.09.2011
(33) United States of America

(51) G02F 1/1333
G02F 1/13357
F21S 2/00
G02F 1/1335
(11) EP2875401
(21) EP13820228.8
(47) 31.10.2018
(87) KR2013003287
23.01.2014
(22) 18.04.2013
(54) DISPLAY DEVICE AND LIGHT EMITTING DEVICE
(73) LG Innotek Co., Ltd.
(72) SEO, Eun Sung
LEE, Gi Seok
LEE, Chang Hyuck
CHOI, Hyun Ho
KANG, Lee Im
KIM, Ki Cheol
(31) 20120078241
(32) 18.07.2012
(33) Korea (Republic)

(51) G02F 1/1335
(11) EP3011384
(21) EP13732057.8
(47) 31.10.2018
(87) US2013046182
24.12.2014
(22) 17.06.2013
(54) DISPLAY WITH BLUE PIGMENT LAYER UNDER BLACK MATRIX
(73) LG Display Co., Ltd.
(72) JI, Sung, Won
LEE, Ho, Chun

(51) G02F 1/1335
G02F 1/1362
G02F 1/1337
(11) EP2833198
(21) EP14151518.9
(47) 31.10.2018
(22) 17.01.2014
(54) Curved display device
(73) Samsung Display Co., Ltd.
(72) Woo, SuWan
Im, Wan-Soon
Park, Kee-Bum
Song, Younggoo
Lee, Heehwan
Hyung, Yongwoo
(31) 20130089566
(32) 29.07.2013
(33) Korea (Republic)

(51) G02F 1/13357
G02F 1/1335
G02B 3/04
(11) EP2790055
(21) EP13003898.7
(47) 31.10.2018
(22) 05.08.2013
(54) Display apparatus
(73) LG Electronics Inc.
(72) Jeong, Chansung
Park, Sangtae
Hur, Hoon
(31) 20130036885
(32) 04.04.2013
(33) Korea (Republic)

(51) G02F 1/1339
C09K 19/10
C09K 19/30
C09K 19/42
G02F 1/13
C09K 19/04
(11) EP3048478
(21) EP14879280.7
(47) 31.10.2018
(87) JP2014051105
30.07.2015
(22) 21.01.2014
(54) LIQUID CRYSTAL DISPLAY DEVICE
(73) DIC Corporation
(72) ONO, Yoshiyuki
KAWAMURA, Jouji
IWASHITA, Yoshinori
TAKEDA, Hiroyuki

(51) G02F 1/1362
G02F 1/1368
H01L 21/84
H01L 29/49
H01L 29/423
H01L 29/786
H01L 29/66
H01L 27/12
(11) EP2804207
(21) EP12861052.4
(47) 31.10.2018
(87) CN2012086312
18.07.2013
(22) 10.12.2012
(54) METHOD FOR MANUFACTURING TFT ARRAY SUBSTRATE
(73) BOE Technology Group Co., Ltd.
(72) LIU, Xiang
XUE, Jianshe
(31) 201210010351

(32) 13.01.2012
(33) China

(51) G02F 1/153
G01J 1/04
H04N 5/225
(11) EP2941668
(21) EP14702329.5
(47) 31.10.2018
(87) US2014010235
10.07.2014
(22) 03.01.2014
(54) ELECTRO-OPTIC APERTURE DEVICE
(73) Apple Inc.
(72) GLEASON, Jeffrey Nathan
YANG, Henry H.
(31) 201361748988 P
201361817498 P
201361893609 P
201414146259
(32) 04.01.2013
30.04.2013
21.10.2013
02.01.2014
(33) United States of America
United States of America
United States of America
United States of America

(51) G02F 1/167
G02F 1/1343
(11) EP2561404
(21) EP11714794.2
(47) 31.10.2018
(87) EP2011056266
27.10.2011
(22) 19.04.2011
(54) Electro-osmotic display
(73) HJ Forever Patents B.V.
(72) HENZEN, Alexander Victor
GROENEWOLD, Jan
(31) 10160579
(32) 21.04.2010
(33) European Patent Office (EPO)

(51) G02F 1/17
(11) EP2462479
(21) EP10807208.3
(47) 31.10.2018
(87) US2010044650
10.02.2011
(22) 06.08.2010
(54) ENERGY EFFICIENT FENESTRATION PRODUCT WITH SUSPENDED PARTICLE DEVICE
(73) RESEARCH FRONTIERS INCORPORATED
(72) SLOVAK, Steven, M.
WANG, Dongyan
SAXE, Robert, L.
CHEN, Xiao-Ping
HULL, William, J.
(31) 232294 P
851285
(32) 07.08.2009
05.08.2010
(33) United States of America
United States of America

(51) G02F 1/225
H04B 10/556
(11) EP3198336
(21) EP15777789.7
(47) 31.10.2018
(87) US2015051790
31.03.2016
(22) 23.09.2015
(54) DIFFERENTIAL TWE MZM DRIVER FOR SILICON PHOTONICS
(73) Finisar Corporation
(72) DENOYER, Gilles, P.
(31) 201462054281 P
(32) 23.09.2014
(33) United States of America

(51) G02F 1/335
G03H 1/02
G03H 1/22
G02B 27/22
(11) EP2562595
(21) EP12181226.7
(47) 31.10.2018
(22) 21.08.2012
(54) Acousto-optic device having wide diffraction angle, optical scanner, light modulator, and display apparatus using the acousto-optic device
(73) Samsung Electronics Co., Ltd.
(72) Han, Seung-hoon
Maeng, Wan-joo
(31) 20110085149
(32) 25.08.2011
(33) Korea (Republic)

(51) G03B 15/03
H04N 5/225
G03B 17/55
G03B 17/04
G03B 17/12
(11) EP2875403
(21) EP13819262.0
(47) 31.10.2018
(87) US2013050221
23.01.2014
(22) 12.07.2013
(54) MULTIPOSITION MAGNIFIER CAMERA
(73) Freedom Scientific, Inc.
(72) RODRIGUEZ, Carlos
MURPHY, Patrick
TUNKIS, Waldemar
CONARD, Todd
GOLDENBERG, Michael
HAMILTON, Lee
DAVIS, Bradley S.
LEON, Robert
(31) 201261673930 P
201313734672
(32) 20.07.2012
04.01.2013
(33) United States of America
United States of America

(51) G03B 35/08
G03B 37/04
G06T 19/00
(11) EP3229073
(21) EP17154618.7
(47) 31.10.2018
(22) 03.02.2017
(54) THREE-DIMENSIONAL, 360-DEGREE VIRTUAL REALITY CAMERA SYSTEM
(73) Facebook, Inc.
(72) CABRAL, Brian Keith
BRIGGS, Forrest Samuel
HSU, Joyce
POZO, Albert Parra
COWARD, Andrew
(31) 201662318822 P
201615096140
PCT/US2017/015834
(32) 06.04.2016
11.04.2016
31.01.2017
(33) United States of America
United States of America
World Intellectual Property Office (WIPO)

(51) G03B 37/04
G03B 17/56
G03B 35/08
G03B 43/00
H04N 5/225
H04N 5/232
H04N 5/247
(11) EP2987028
(21) EP13717767.1
(47) 31.10.2018
(87) EP2013057921
23.10.2014
(22) 16.04.2013
(54) ALIGNING OF A MULTI-CAMERA SYSTEM, MULTI-CAMERA SYSTEM AND ALIGNMENT AID
(73) Fraunhofer Gesellschaft zur Förderung der angewandten Forschung E.V.
(72) WEISSIG, Christian
FINN, Arne

(51) G03B 42/08
G01T 1/20
(11) EP3168685
(21) EP16205670.9
(47) 31.10.2018
(22) 21.09.2010
(54) A PHOTOSTIMULABLE PLATE READING DEVICE
(73) Carestream Dental Technology Topco Limited
(72) Berger, Amir
Inglese, Jean Marc
Zaslavsky, Sergey
Cohen- Erner, Moshe
Wang, Tan
(31) 568993
(32) 29.09.2009
(33) United States of America

(51) G03F 7/075
C08L 83/06
C08G 77/14
(11) EP1839090
(21) EP06700851.6
(47) 31.10.2018
(87) EP2006000510
27.07.2006
(22) 20.01.2006
(54) COMPOSITE COMPOSITION FOR MICROPATTERNED LAYERS HAVING HIGH RELAXATION ABILITY, HIGH CHEMICAL RESISTANCE AND MECHANICAL STABILITY
(73) CANON KABUSHIKI KAISHA
Leibniz-Institut für Neue Materialien gemeinnützige GmbH

(72) BECKER-WILLINGER, Carsten
KALMES, Pamela
SCHMIDT, Helmut
HINO, Etsuko, c/o Canon Kabushiki Kaisha
MITSUTOSHI, Noguchi, c/o Canon Kabushiki Kaisha
YOSHIKAZU, Saito, c/o Canon Kabushiki Kaisha
OHKUMA, Norio, c/o Canon Kabushiki Kaisha
(31) 102005002960
(32) 21.01.2005
(33) Germany

(51) G03F 7/20
G03F 1/28
(11) EP2641130
(21) EP11818925.7
(47) 31.10.2018
(87) IB2011055133
24.05.2012
(22) 16.11.2011
(54) METHOD AND APPARATUS FOR PRINTING HIGH-RESOLUTION TWO-DIMENSIONAL PERIODIC PATTERNS
(73) Eulitha A.G.
(72) SOLAK, Harun, H.
CLUBE, Francis
(31) 414039 P
201061425774 P
(32) 16.11.2010
22.12.2010
(33) United States of America
United States of America

(51) G03F 7/20
G03F 7/16
H01L 21/027
H01L 21/56
H01L 21/66
H01L 23/00
H01L 33/44
G03F 9/00
B29C 35/08
C23C 16/52
(11) EP2485247
(21) EP10820818.2
(47) 31.10.2018
(87) KR2010006602
07.04.2011
(22) 29.09.2010
(54) IMAGE PROCESSING-BASED LITHOGRAPHY SYSTEM AND TARGET OBJECT COATING METHOD
(73) SNU R&DB Foundation
(72) KWON, Sung Hoon
CHUNG, Sueun
LEE, Seungah
JANG, Jisung
HAN, Sangkwon
(31) 20090093027
20100005094
(32) 30.09.2009
20.01.2010
(33) Korea (Republic)
Korea (Republic)

(51) G03F 7/20
H01L 21/027
(11) EP2257854
(21) EP09713903.4
(47) 31.10.2018
(87) US2009034287
03.09.2009
(22) 17.02.2009
(54) MULTI-PHOTON EXPOSURE SYSTEM
(73) 3M Innovative Properties Company
(72) DEVOE, Robert, J.
GATES, Brian, J.
FAKLIS, Dean
KRASA, Robert, T.
MARKOWICZ, Przemyslaw, P.
SYKORA, Craig, R.
(31) 31538 P
(32) 26.02.2008
(33) United States of America

(51) G03F 7/20
H01L 21/66
(11) EP2386114
(21) EP10729404.3
(47) 31.10.2018
(87) US2010020046
15.07.2010
(22) 04.01.2010
(54) SCATTEROMETRY METROLOGY TARGET DESIGN OPTIMIZATION
(73) KLA-Tencor Corporation
(72) ADEL, Michael E.
MANASSEN, Amnon
KANDEL, Daniel
(31) 350826
(32) 08.01.2009
(33) United States of America

(51) G03F 7/20
H05G 2/00
(11) EP2181448
(21) EP08795347.7
(47) 31.10.2018
(87) US2008009754
12.03.2009
(22) 15.08.2008
(54) GAS MANAGEMENT SYSTEM FOR A LASER-PRODUCED-PLASMA EUV LIGHT SOURCE
(73) ASML Netherlands B.V.
(72) BYKANOV, Alexander, N.
ERSHOV, Alexander, I.
FOMENKOV, Igor, V.
BRANDT, David, C.
(31) 897644
(32) 31.08.2007
(33) United States of America

(51) G03F 7/36
B41C 1/10
(11) EP2774004
(21) EP12795149.9
(47) 31.10.2018
(87) US2012063438
10.05.2013
(22) 02.11.2012
(54) METHOD FOR THERMAL TREATMENT OF PRINTING SURFACE IN RELIEF PRINTING
(73) E. I. du Pont de Nemours and Company
(72) ARNOLD, Carl Bernard
FOGGIN, Gary W.
(31) 201161554635 P
(32) 02.11.2011
(33) United States of America

(51) G03G 9/08
G03G 9/087
C08F 255/00
C08L 51/06
(11) EP3136177
(21) EP16185448.4
(47) 31.10.2018
(22) 24.08.2016
(54) WAX DISPERSANT FOR TONER AND TONER
(73) Canon Kabushiki Kaisha
(72) OHTSU, Takeshi
KAMAE, Kentaro
MATSUO, Ryuichiro
IWASAKI, Yosuke
KATSUMATA, Wakiko
MIURA, Masaharu
ISHIGAMI, Koh
MIZO, Yuichi
MITSUIKI, Kenta
(31) 2015166044
2016156374
(32) 25.08.2015
09.08.2016
(33) Japan
Japan

(51) G03G 15/00
(11) EP1973008
(21) EP08152262.5
(47) 31.10.2018
(22) 04.03.2008
(54) Image Forming Apparatus comprising a driving system for a plurality of photosensitive bodies
(73) HP Printing Korea Co., Ltd.
(72) KIM, Soo Yong
SHIM, Mun Bo
(31) 20070028896
20080005765
(32) 23.03.2007
18.01.2008
(33) Korea (Republic)
Korea (Republic)

(51) G03G 15/01
(11) EP2735912
(21) EP13194191.6
(47) 31.10.2018
(22) 25.11.2013
(54) Transfer device and image forming apparatus including the same
(73) Kyocera Document Solutions Inc.
(72) Ueno, Daijiro
Fukunaga, Yasuyuki
(31) 2012257216
(32) 26.11.2012
(33) Japan

(51) G03G 15/01
G03G 15/08
(11) EP2159645
(21) EP09168964.6
(47) 31.10.2018
(22) 28.08.2009
(54) Image forming apparatus
(73) CANON KABUSHIKI KAISHA
(72) ADACHI, Motoki
KAWAGUCHI, Yuji
KAWASAKI, Shuhei
AOKI, Daisuke

(31) 2008220332
2009190451
(32) 28.08.2008
19.08.2009
(33) Japan
Japan

(51) G03G 15/08
C08K 3/04
C08L 21/00
(11) EP2146253
(21) EP08740960.3
(47) 31.10.2018
(87) JP2008058292
13.11.2008
(22) 23.04.2008
(54) DEVELOPING ROLLER, DEVELOPING DEVICE, PROCESS CARTRIDGE, AND ELECTROPHOTOGRAPHIC IMAGING APPARATUS
(73) Canon Kabushiki Kaisha
(72) SATOH, Hidenori
YAMAUCHI, Kenichi
ANAN, Genya
(31) 2007118782
(32) 27.04.2007
(33) Japan

(51) G03G 15/08
G03G 21/16
(11) EP3229080
(21) EP16188805.2
(47) 31.10.2018
(22) 14.09.2016
(54) TONER CASE AND IMAGE FORMING APPARATUS
(73) Kyocera Document Solutions Inc.
(72) MURATA, Koji
(31) 2016077197
(32) 07.04.2016
(33) Japan

(51) G03G 15/08
G03G 21/18
(11) EP2280315
(21) EP10157677.5
(47) 31.10.2018
(22) 25.03.2010
(54) Process cartridge and image forming apparatus having the same
(73) HP Printing Korea Co., Ltd.
(72) Kim, Jong-in
Chang, Gun-soo
Jeong, Byeong-no
Kim, Yong-hun
Kim, Dong-uk
(31) 20090070004
(32) 30.07.2009
(33) Korea (Republic)

(51) G03G 15/10
G01N 21/59
(11) EP2247449
(21) EP08731186.6
(47) 31.10.2018
(87) US2008055575
11.09.2009
(22) 01.03.2008
(54) DETECTING COLORANTS WITHIN CARRIER LIQUID
(73) Hewlett-Packard Development Company, L.P.
(72) KELLA, Dror
SCHLUMM, Doron
GILAN, Ziv
ASSENHEIMER, Michel
FORGACS, Peter

(51) G03G 15/10
G03G 15/20
(11) EP3187941
(21) EP16204217.0
(47) 31.10.2018
(22) 15.12.2016
(54) IMAGE FORMING APPARATUS
(73) Canon Kabushiki Kaisha
(72) KOMATSU, Isao
(31) 2015252520
2016189955
(32) 24.12.2015
28.09.2016
(33) Japan
Japan

(51) G03G 15/16
(11) EP3118690
(21) EP16175627.5
(47) 31.10.2018
(22) 22.06.2016
(54) IMAGE FORMING APPARATUS HAVING DUPLEX PRINTING FUNCTION
(73) Canon Kabushiki Kaisha
(72) OMATA, Haruhiko
NOGUCHI, Akihiro
MURAYAMA, Tatsuomi
KAMIMORI, Yasuki
(31) 2015133807
(32) 02.07.2015
(33) Japan

(51) G03G 15/20
(11) EP2328040
(21) EP10191820.9
(47) 31.10.2018
(22) 19.11.2010
(54) Fixing device and image forming apparatus incorporating same
(73) Ricoh Company Ltd.
(72) Ishii, Kenji
Yoshikawa, Masaaki
Yoshinaga, Hiroshi
Iwaya, Naoki
Yamaguchi, Yoshiki
Ikebuchi, Yutaka
Tokuda, Tetsuo
Imada, Takahiro
Hase, Takamasa
Shimokawa, Toshihiko
Fujimoto, Ippei
(31) 2009271998
2010020092
(32) 30.11.2009
01.02.2010
(33) Japan
Japan

(51) G03G 15/20
(11) EP1993004
(21) EP08155124.4
(47) 31.10.2018
(22) 24.04.2008
(54) Fusing unit for an image forming apparatus
(73) HP Printing Korea Co., Ltd.
(72) LEE, Bong Hee
(31) 20070046730
(32) 14.05.2007
(33) Korea (Republic)

(51) G03G 21/10
(11) EP2846200
(21) EP14183516.5
(47) 31.10.2018
(22) 04.09.2014
(54) CLEANING APPARATUS WITH A TONER CRUSHING MEMBER AND IMAGE FORMING APPARATUS
(73) Kyocera Document Solutions Inc.
(72) FUJII, Hirokazu
(31) 2013187475
(32) 10.09.2013
(33) Japan

(51) G03G 21/12
G03G 21/18
G03G 15/08
(11) EP2357536
(21) EP10175135.2
(47) 31.10.2018
(22) 02.09.2010
(54) Developing device and image forming apparatus including the same
(73) HP Printing Korea Co., Ltd.
(72) Lee, Sang-hoon
Kweon, Dae-seob
Kim, Jong-in
(31) 20100005758
(32) 21.01.2010
(33) Korea (Republic)

(51) G03G 21/16
G03G 15/00
G03G 15/08
(11) EP2525263
(21) EP12165925.4
(47) 31.10.2018
(22) 27.04.2012
(54) Image forming apparatus
(73) Kyocera Document Solutions Inc.
(72) Nishikawa, Shingo
(31) 2011111074
(32) 18.05.2011
(33) Japan

(51) G03G 21/16
G03G 15/20
B65H 3/00
(11) EP2921913
(21) EP15157928.1
(47) 31.10.2018
(22) 06.03.2015
(54) ROLLER UNIT AND FIXING DEVICE
(73) Kyocera Document Solutions Inc.
(72) Yamada, Masayuki
(31) 2014058809
(32) 20.03.2014
(33) Japan

(51) G04B 9/00
(11) EP3098668
(21) EP15169914.7
(47) 31.10.2018
(22) 29.05.2015
(54) POWER RESERVE INDICATOR FOR A TIMEPIECE
(73) ETA SA Manufacture Horlogère Suisse
(72) Friedli, Matthäus

Strahm, Florent

(51) G04B 17/06
G04B 17/22
B81B 3/00
(11) EP3256910
(21) EP16709989.4
(47) 31.10.2018
(87) FR2016050333
18.08.2016
(22) 12.02.2016
(54) MECHANICAL OSCILLATOR AND ASSOCIATED PRODUCTION METHOD
(73) Tronic's Microsystems
(72) GAFF, Vincent
VISSE, Pierre-Marie
RIBETTO, Luca
(31) 1551233
(32) 13.02.2015
(33) France

(51) G04B 18/00
F16B 43/00
G04D 7/08
G04B 17/06
(11) EP3144742
(21) EP15185892.5
(47) 31.10.2018
(22) 18.09.2015
(54) INERTIA MICRO-ADJUSTMENT OF A TIMEPIECE BALANCE
(73) ETA SA Manufacture Horlogère Suisse
(72) Conus, Thierry
Villar, Ivan
Klinger, Laurent

(51) G04B 19/04
(11) EP3147727
(21) EP16178817.9
(47) 31.10.2018
(22) 11.07.2016
(54) CLOCK DISPLAY DEVICE COMPRISING A HIGH-UNBALANCE DISPLAY
(73) ETA SA Manufacture Horlogère Suisse
(72) Lagorgette, Pascal
Schmutz, Damien
Balmer, Raphaël
Maridor, Joel
(31) 15186726
(32) 24.09.2015
(33) European Patent Office (EPO)

(51) G04C 17/00
(11) EP2887159
(21) EP13198182.1
(47) 31.10.2018
(22) 18.12.2013
(54) Optimised multifunctional display device
(73) ETA SA Manufacture Horlogère Suisse
(72) Lagorgette, Pascal
Balmer, Raphaël

(51) G04G 17/04
G04G 17/08
(11) EP2743786
(21) EP13183157.0
(47) 31.10.2018
(22) 05.09.2013
(54) Portable electronic device and method for manufacturing such a device
(73) The Swatch Group Research and Development Ltd.
(72) Heck, Pascal
Nicolas, Cédric
(31) 12197484
(32) 17.12.2012
(33) European Patent Office (EPO)

(51) G05B 19/05
B61L 27/00
(11) EP2452237
(21) EP10729912.5
(47) 31.10.2018
(87) EP2010059862
13.01.2011
(22) 09.07.2010
(54) DEVICE AND METHOD FOR CONTROLLING AN AUTOMATED SYSTEM, IN PARTICULAR A RAILWAY SYSTEM
(73) Pilz GmbH & Co. KG
(72) SCHWENKEL, Hans
WEISHAAR, Christoph
(31) 102009033529
(32) 10.07.2009
(33) Germany

(51) G05B 19/12
G06F 8/30
G06F 8/65
G06F 8/71
G06F 8/20
G05B 19/042
(11) EP2711793
(21) EP12185066.3
(47) 31.10.2018
(22) 19.09.2012
(54) Method for operating an operating device for controlling a technical installation
(73) Siemens Aktiengesellschaft
(72) Konradi, Philipp
Nitzsche, Stefan
Strobel, Holger

(51) G05B 19/418
G05B 19/05
G05B 19/042
H03K 7/08
(11) EP3030941
(21) EP13890937.9
(47) 31.10.2018
(87) US2013053716
12.02.2015
(22) 06.08.2013
(54) PROGRAMMABLE INPUT MODULE TYPES FOR INDUSTRIAL CONTROL SYSTEMS
(73) Bedrock Automation Platforms Inc.
(72) CALVIN, James, G.
ROOYAKKERS, Albert

(51) G05B 23/02
(11) EP2895928
(21) EP13773926.4
(47) 31.10.2018
(87) US2013060086
20.03.2014
(22) 17.09.2013
(54) ARCHITECTURE FOR TURBINE SYSTEM DIAGNOSIS BASED ON SENSOR DATA
(73) Siemens Corporation
(72) MENG, Yunsong
TECUCI, Dan G.
(31) 201261701813 P
(32) 17.09.2012
(33) United States of America

(51) G05D 1/00
B25J 5/00
B25J 9/16
B25J 13/00
B25J 13/06
B25J 13/08
B25J 19/02
G05D 1/02
(11) EP3200958
(21) EP15723573.0
(47) 31.10.2018
(87) PT2015000018
07.04.2016
(22) 13.04.2015
(54) MOBILE SERVICE ROBOT CAPABLE OF COLLECTING BIOLOGICAL AND SOIL SAMPLES FOR ENVIRONMENTAL MONITORING
(73) Introsys - Integration for Robotic Systems-Integraçao de Sistemas Robóticos S.A.
(72) DA SILVA GUEDES, Magno Edgar
MARTINS DEUSDADO, Pedro Miguel
BENTO RAINHO CALDEIRA, Maria Raquel
GOMES DA SILVA, André Filipe
BENTES MOITA FLORES, Luis Miguel
BENTES MOITA FLORES, Nuno Manuel
FIGUEIREDO SANTANA, Pedro
BARATA DE OLIVEIRA, José António
CARDOSO MARQUES, Francisco Antero
MARTINS MENDONÇA, Ricardo André
LOPES LOURENÇO, André Filipe
FERREIRA MORAIS PINTO, Eduardo Manuel
GIL CORISCO, José Alberto
MORAIS PORTUGAL, Luis Miguel
LOPES ALMEIDA, Susana Marta
(31) 14107937
(32) 02.10.2014
(33) Portugal

(51) G05D 1/02
(11) EP1996987
(21) EP07758835.8
(47) 31.10.2018
(87) US2007064323
27.09.2007
(22) 19.03.2007
(54) ROBOT CONFINEMENT
(73) iRobot Corporation
(72) SANDIN, Paul E.
JONES, Joseph L.
OZICK, Daniel N.
COHEN, David A.
LEWIS, David M. Jr
VU, Clara
DUBROVSKY, Zivthan A.
PRENETA, Joshua B.
MAMMEN, Jeffry W.
GILBERT, Duane L.
CAMPBELL, Tony L.
BERGMAN, John
(31) 783268 P
803030 P
865069 P
(32) 17.03.2006

23.05.2006
09.11.2006
(33) United States of America
United States of America
United States of America

(51) G05D 1/02
G05D 1/00
(11) EP2343615
(21) EP09817397.4
(47) 31.10.2018
(87) JP2009004084
08.04.2010
(22) 25.08.2009
(54) AUTONOMOUS MOVEMENT DEVICE
(73) Murata Machinery, Ltd.
(72) TANAKA, Shoji
NAKANO, Tsuyoshi
(31) 2008256663
2008259402
(32) 01.10.2008
06.10.2008
(33) Japan
Japan

(51) G05D 1/08
(11) EP3111286
(21) EP14893562.0
(47) 31.10.2018
(87) CN2014078999
03.12.2015
(22) 30.05.2014
(54) AIRCRAFT ATTITUDE CONTROL METHODS
(73) SZ DJI Technology Co., Ltd.
(72) YU, Yun

(51) G05D 16/06
F16K 17/30
F16K 31/365
F16K 49/00
F02M 21/02
F02M 21/06
(11) EP2385437
(21) EP10735935.8
(47) 31.10.2018
(87) JP2010051342
05.08.2010
(22) 01.02.2010
(54) PRESSURE REDUCING VALVE
(73) Keihin Corporation
(72) YAMAMOTO Hiroaki
(31) 2009021998
2009112808
(32) 02.02.2009
07.05.2009
(33) Japan
Japan

(51) G06F 1/16
(11) EP2686750
(21) EP12715861.6
(47) 31.10.2018
(87) EP2012054673
20.09.2012
(22) 16.03.2012
(54) DEVICE FOR FASTENING A TABLET COMPUTER TO A VESA MOUNT
(73) Wincor Nixdorf International GmbH
(72) BAITZ, Günter
(31) 102011001324
(32) 16.03.2011
(33) Germany

(51) G06F 1/16
(11) EP2569679
(21) EP11720577.3
(47) 31.10.2018
(87) GB2011050908
17.11.2011
(22) 11.05.2011
(54) a computing device comprising a clamshell design
(73) Dell Products L.P.
(72) BROGAN, Hugh
HINES, George
(31) 201009952
(32) 11.05.2010
(33) United Kingdom

(51) G06F 1/16
(11) EP3069208
(21) EP13897622.0
(47) 31.10.2018
(87) US2013070438
21.05.2015
(22) 15.11.2013
(54) LOCKING ARMS FOR COMPUTING DEVICES
(73) Hewlett-Packard Development Company, L.P.
(72) SENATORI, Mark, David

(51) G06F 1/16
(11) EP2837991
(21) EP14152791.1
(47) 31.10.2018
(22) 28.01.2014
(54) Mobile terminal
(73) LG Electronics Inc.
(72) Jang, Sungkwon
An, Kuangjun
Hwang, Junghoon
Kim, Taeho
(31) 20130095589
(32) 12.08.2013
(33) Korea (Republic)

(51) G06F 1/16
G02F 1/1347
(11) EP3125067
(21) EP16186364.2
(47) 31.10.2018
(22) 06.01.2011
(54) TRANSPARENT ELECTRONIC DEVICE
(73) Apple Inc.
(72) PANCE, Aleksander
(31) 683415
(32) 06.01.2010
(33) United States of America

(51) G06F 1/16
G06F 3/02
(11) EP2983060
(21) EP15179525.9
(47) 31.10.2018
(22) 03.08.2015
(54) KEYBOARD
(73) Apple Inc.
(72) LIGTENBERG, Christiaan
SILVANTO, Mikael
HOPKINSON, Ron
RUNDLE, Nicholas
(31) 201414455608
PCT/US2014/050308
(32) 08.08.2014
08.08.2014
(33) United States of America
World Intellectual Property Office (WIPO)

(51) G06F 1/16
G06F 3/02
H01H 13/70
H04M 1/23
(11) EP3033759
(21) EP14836699.0
(47) 31.10.2018
(87) CA2014050780
19.02.2015
(22) 15.08.2014
(54) DOUBLE PRE-LOADED DEFLECTION WEBS FOR KEYPAD
(73) BlackBerry Limited
(72) CHEN, Chao
(31) 201313969109
(32) 16.08.2013
(33) United States of America

(51) G06F 1/16
G06F 3/0481
G06F 3/0346
(11) EP2818965
(21) EP14173896.3
(47) 31.10.2018
(22) 25.06.2014
(54) Method for interaction between a digital object, representative of at least one real or virtual object located in a remote geographical perimeter, and a local pointing device
(73) Orange
(72) Romano, Philippe
Griaudon, Vincent
Bruno, Adrien
(31) 1356207
(32) 27.06.2013
(33) France

(51) G06F 1/16
G09G 5/00
(11) EP2530554
(21) EP12004223.9
(47) 31.10.2018
(22) 01.06.2012
(54) Portable electronic device
(73) Sony Interactive Entertainment Inc.
(72) Sakakibara, Kenji
Masuda, Hiroaki
Togasaki, Yu
Miyazawa, Kiyokazu
Nakagawa, Kazuto
(31) 2011125870
(32) 03.06.2011
(33) Japan

(51) G06F 1/16
H04M 1/02
(11) EP2280331
(21) EP09166145.4
(47) 31.10.2018
(22) 22.07.2009
(54) Display orientation change for wireless devices
(73) BlackBerry Limited
(72) Tang, Yu

(51) G06F 1/16
H04M 1/02
E05D 3/06
(11) EP3218783
(21) EP15797753.9
(47) 31.10.2018
(87) US2015059799
19.05.2016
(22) 10.11.2015
(54) COVERED MULTI-PIVOT HINGE
(73) Microsoft Technology Licensing, LLC
(72) BITZ, Brian
CAMPBELL, John
TAZBAZ, Errol Mark
GAULT, Joe
(31) 201414538786
(32) 11.11.2014
(33) United States of America

(51) G06F 1/16
H04M 1/02
H04M 1/23
(11) EP2400364
(21) EP10190557.8
(47) 31.10.2018
(22) 18.06.2010
(54) Mobile device with a flip-around keyboard
(73) BlackBerry Limited
(72) Leung, Kwok Ching

(51) G06F 1/16
H04N 5/64
G09F 9/30
(11) EP2816440
(21) EP14155349.5
(47) 31.10.2018
(22) 17.02.2014
(54) Display apparatus
(73) LG Electronics Inc.
(72) Song, Hyeoncheol
Lee, Ahreum
Lee, Kyueung
Kim, Jinsu
Choi, Inwan
(31) 20130071081
(32) 20.06.2013
(33) Korea (Republic)

(51) G06F 1/20
G06F 17/50
H05K 7/20
(11) EP2350766
(21) EP09764410.8
(47) 31.10.2018
(87) US2009065700
17.06.2010
(22) 24.11.2009
(54) SYSTEM AND METHOD FOR ASSESSING AND MANAGING DATA CENTER AIRFLOW AND ENERGY USAGE
(73) Schneider Electric IT Corporation
(72) RASMUSSEN, Neil
VANGILDER, James, W.
ZHANG, Xuanhang
(31) 277715
(32) 25.11.2008
(33) United States of America

(51) G06F 1/26
G05F 1/59
(11) EP3084556
(21) EP13899398.5
(47) 31.10.2018
(87) US2013076298
25.06.2015
(22) 18.12.2013
(54) DIGITAL SYNTHESIZABLE LOW DROPOUT REGULATOR WITH ADAPTIVE GAIN
(73) Intel Corporation
(72) MUTHUKARUPPAN, Ramnarayanan
PATRA, Pradipta
GOEL, Gaurav
KADALI, Uday Bhaskar

(51) G06F 1/26
G06F 1/32
G06F 9/48
G06F 9/54
(11) EP2936266
(21) EP13863922.4
(47) 31.10.2018
(87) US2013047237
26.06.2014
(22) 24.06.2013
(54) USING PLATFORM IDLE DURATION INFORMATION TO NOTIFY PLATFORM DEVICES OF UPCOMING ACTIVE PERIODS
(73) Intel Corporation
(72) MACIOCCO, Christian
FALIK, Ohad
WANG, Ren
TAI, Tsung-Yuan C.
(31) 201213719898
(32) 19.12.2012
(33) United States of America

(51) G06F 1/26
G06F 1/32
H02J 9/00
(11) EP2336843
(21) EP10191095.8
(47) 31.10.2018
(22) 12.11.2010
(54) Information device
(73) Seiko Epson Corporation
(72) Yoshie, Shinichi
(31) 2009259647
(32) 13.11.2009
(33) Japan

(51) G06F 1/26
G06F 11/20
H02J 4/00
H02J 1/10
H02J 3/46
(11) EP2724206
(21) EP12732852.4
(47) 31.10.2018
(87) GB2012051427
03.01.2013
(22) 20.06.2012
(54) POWER SUPPLY
(73) Cooper Technologies Company
(72) PRICE, Les
FOWLSTON, Stephen
WILLIAMS, David Gareth
(31) 201110823
(32) 27.06.2011
(33) United Kingdom

(51) G06F 1/28
G06F 1/32
G06F 13/14
(11) EP2585893
(21) EP11807238.8
(47) 31.10.2018
(87) US2011041057
19.01.2012
(22) 20.06.2011
(54) METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION FOR MEMORIES
(73) Intel Corporation
(72) CHEUNG, Kin-Hang
CHANDWANI, Neelam
HIREMATH, Chetan D.
MUKHERJEE, Udayan
DODEJA, Rakesh
(31) 824597
(32) 28.06.2010
(33) United States of America

(51) G06F 1/32
(11) EP2324407
(21) EP09737217.1
(47) 31.10.2018
(87) US2009056408
18.03.2010
(22) 09.09.2009
(54) CIRCUIT HAVING A LOW POWER MODE
(73) Apple Inc.
(72) WILSON, Thomas, James
KRAH, Christoph, Horst
HOTELLING, Steven, Porter
(31) 208311
(32) 10.09.2008
(33) United States of America

(51) G06F 1/32
(11) EP2193419
(21) EP08828151.4
(47) 31.10.2018
(87) US2008074416
05.03.2009
(22) 27.08.2008
(54) DYNAMIC CORE SWITCHING
(73) Marvell World Trade Ltd.
(72) SUTARDJA, Sehat
CHEN, Hong-yi
SAKARDA, Premanand
FULLERTON, Mark N.
HEEB, Jay
(31) 968143 P
978936 P
981606 P
22431 P
29476 P
49641 P
58050 P
145660
(32) 27.08.2007
10.10.2007
22.10.2007
21.01.2008
18.02.2008
01.05.2008
02.06.2008
25.06.2008
(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) G06F 1/32
(11) EP3193237
(21) EP17154829.0
(47) 31.10.2018
(22) 19.01.2011
(54) POWER MANAGEMENT SCHEME FOR PORTABLE DATA COLLECTION DEVICES UTILIZING LOCATION AND POSITION SENSORS
(73) Hand Held Products, Inc.
(72) SAUERWEIN, JR., James T.
HINSON, Douglas M.
(31) 689521
(32) 19.01.2010
(33) United States of America

(51) G06F 1/32
H04W 52/02
(11) EP2687945
(21) EP13176821.0
(47) 31.10.2018
(22) 17.07.2013
(54) Mobile device with sensor hub and method for controlling the device
(73) Samsung Electronics Co., Ltd
(72) Namgoong, Boram
Oh, Juntaek
(31) 20120078303
(32) 18.07.2012
(33) Korea (Republic)

(51) G06F 3/01
G06F 3/03
G06F 9/44
G06F 3/0482
G06F 3/0484
(11) EP2244166
(21) EP10250809.0
(47) 31.10.2018
(22) 21.04.2010
(54) Input device using camera-based tracking of hand-gestures
(73) Maxell, Ltd.
(72) Matsubara, Takashi
Ozaki, Tomochika
Tokunaga, Tatsuya
(31) 2009104641
(32) 23.04.2009
(33) Japan

(51) G06F 3/01
G06F 3/048
G06F 3/0488
(11) EP2354903
(21) EP10171631.4
(47) 31.10.2018
(22) 02.08.2010
(54) Terminal device and control method for terminal device
(73) Sony Mobile Communications Inc.
(72) Uetake Tatsuya
(31) 2010001268
(32) 06.01.2010
(33) Japan

(51) G06F 3/01
G06F 3/14
(11) EP2783269
(21) EP11876258.2
(47) 31.10.2018
(87) US2011062140
30.05.2013
(22) 23.11.2011
(54) GESTURE INPUT WITH MULTIPLE VIEWS and DISPLAYS
(73) Intel Corporation
(72) ANDERSON, Glen

(51) G06F 3/023
G06F 1/16
(11) EP2590056
(21) EP13153235.0
(47) 31.10.2018
(22) 14.09.2006
(54) Mobile terminal device and program used in mobile terminal device
(73) NTT DOCOMO, INC.
(72) Suzuki, Toshiyuki
Azami, Toshihiro
Inamura, Hiroshi
Kaneda, Toshio
(31) 2005267540
2005267541
(32) 14.09.2005
14.09.2005
(33) Japan
Japan

(51) G06F 3/03
G06F 3/046
A63F 13/21
A63F 3/00
H04B 5/00
A63F 9/24
A63F 13/34
A63F 13/98
A63F 13/31
A63F 13/32
A63F 13/95
(11) EP3001288
(21) EP15185592.1
(47) 31.10.2018
(22) 17.09.2015
(54) INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING PROGRAM, AND INFORMATION PROCESSING METHOD
(73) NINTENDO CO., LTD.
(72) SHIMOMURA, Masaru
ARAI, Shigenobu
(31) 2014193448
2014193449
(32) 24.09.2014
24.09.2014
(33) Japan
Japan

(51) G06F 3/041
(11) EP2791763
(21) EP12857303.7
(47) 31.10.2018
(87) SE2012051368
20.06.2013
(22) 10.12.2012
(54) TRACKING OBJECTS ON A TOUCH SURFACE
(73) FlatFrog Laboratories AB
(72) CHRISTIANSSON, Tomas
OHLSSON, Nicklas
BJÖRKLUND, Andreas
(31) 1151208
201161576550 P
(32) 16.12.2011
16.12.2011
(33) Sweden
United States of America

(51) G06F 3/041
A63F 13/2145
A63F 13/98
G05G 9/047
G06F 1/16
G06F 3/0488
G06F 3/0338
(11) EP2965178
(21) EP14759789.2
(47) 31.10.2018
(87) US2014019755
12.09.2014
(22) 02.03.2014
(54) MECHANICAL ACTUATOR APPARATUS FOR A TOUCH SENSING SURFACE OF AN ELECTRONIC DEVICE
(73) Petersen, Darren C.
(72) Petersen, Darren C.
(31) 201313789787
(32) 08.03.2013
(33) United States of America

(51) G06F 3/041
G06F 3/01
(11) EP2411896
(21) EP10756728.1
(47) 31.10.2018
(87) US2010028344
30.09.2010
(22) 23.03.2010
(54) TOUCH PANEL ASSEMBLY WITH HAPTIC EFFECTS
(73) Methode Electronics, Inc.
(72) SCHMIDT, Robert
(31) 249873 P
408824
(32) 08.10.2009
23.03.2009
(33) United States of America
United States of America

(51) G06F 3/041
G06F 3/01
(11) EP3021201
(21) EP15194301.6
(47) 31.10.2018
(22) 23.03.2010
(54) TOUCH PANEL ASSEMBLY WITH HAPTIC EFFECTS
(73) Methode Electronics, Inc.
(72) Schmidt, Robert
(31) 408824
249873 P
(32) 23.03.2009
08.10.2009
(33) United States of America
United States of America

(51) G06F 3/041

G06F 3/042
(11) EP2895938
(21) EP13774741.6
(47) 31.10.2018
(87) FR2013052090
20.03.2014
(22) 11.09.2013
(54) NON-CONTACT USER INTERFACE SYSTEM
(73) Commissariat à l'Energie Atomique et aux Energies Alternatives
ISORG
(72) GRAS, Antoine
VAILLANT, Jérôme
(31) 1258546
(32) 12.09.2012
(33) France

(51) G06F 3/041
G06F 3/044
G01R 27/26
(11) EP3185109
(21) EP17156280.4
(47) 31.10.2018
(22) 08.03.2013
(54) METHOD OF CAPACITIVE MEASUREMENT BETWEEN AN OBJECT AND AN ELECTRODE PLANE BY PARTIAL SYNCHRONOUS DEMODULATION
(73) QuickStep Technologies LLC
(72) NEEL, Christian
BLONDIN, Christophe
(31) 1252272
(32) 13.03.2012
(33) France

(51) G06F 3/041
G06F 3/044
G06F 3/0354
(11) EP2662757
(21) EP13167455.8
(47) 31.10.2018
(22) 13.05.2013
(54) Coordinates indication device and coordinates measurement device for measuring input position of the coordinates indication device
(73) Samsung Electronics Co., Ltd
(72) Kim, Byung-Jik
(31) 20120050277
(32) 11.05.2012
(33) Korea (Republic)

(51) G06F 3/043
G06F 3/045
(11) EP2926228
(21) EP13870508.2
(47) 31.10.2018
(87) US2013077870
17.07.2014
(22) 26.12.2013
(54) CONTROLLING A USER INTERFACE OF A DEVICE
(73) Sony Corporation
(72) MURAKOSHI, Sho
KONDO, Kazumoto
SHINTANI, Peter
(31) 201313736241
(32) 08.01.2013
(33) United States of America

(51) G06F 3/044
G06F 3/0354
(11) EP2972706
(21) EP14712846.6
(47) 31.10.2018
(87) US2014019721
18.09.2014
(22) 01.03.2014
(54) ELECTROSTATIC STYLUS
(73) Microchip Technology Incorporated
(72) COOKE, Benjamin T.
(31) 201313842869
(32) 15.03.2013
(33) United States of America

(51) G06F 3/044
G06F 3/041
(11) EP2241959
(21) EP10003950.2
(47) 31.10.2018
(22) 14.04.2010
(54) TOUCH-PANEL DEVICE
(73) Japan Display Inc.
Panasonic Liquid Crystal Display Co., Ltd.
(72) Doi, Koji
Mamba, Norio
Nagata, Koji
Kumagai, Toshiyuki
Hayakawa, Koji
(31) 2009098235
2009196958
(32) 14.04.2009
27.08.2009
(33) Japan
Japan

(51) G06F 3/044
G06F 3/046
G06F 3/0482
G06F 3/0484
G06F 3/0488
G06F 3/0354
(11) EP2631771
(21) EP12197990.0
(47) 31.10.2018
(22) 19.12.2012
(54) Handwritten information inputting device and portable electronic apparatus including handwritten information inputting device
(73) Wacom Co., Ltd.
(72) Sliger, Joseph
(31) 2012036910
(32) 23.02.2012
(33) Japan

(51) G06F 3/048
G06F 3/041
G06F 3/0482
G06F 3/0488
G06F 9/44
G06F 9/451
(11) EP3022639
(21) EP14826547.3
(47) 31.10.2018
(87) US2014046770
22.01.2015
(22) 15.07.2014
(54) OBJECT BASED CONTEXTUAL MENU CONTROLS
(73) Pinterest, Inc.
(72) WILSON, Jason Luke
GAVINI, Naveen
RAMKUMAR, Steven
FALZONE, Anthony T.
(31) 201361847078 P
(32) 16.07.2013
(33) United States of America

(51) G06F 3/048
H04M 1/725
G06F 3/0484
G06F 3/0354
G06F 3/0338
G06F 3/038
(11) EP2711820
(21) EP13161857.1
(47) 31.10.2018
(22) 29.03.2013
(54) Remote control for mobile device
(73) LG Electronics Inc.
(72) Na, Sangjun
(31) 20120070941
(32) 29.06.2012
(33) Korea (Republic)

(51) G06F 3/0481
G06F 3/0488
(11) EP2711821
(21) EP13185693.2
(47) 31.10.2018
(22) 24.09.2013
(54) Apparatus and method for controlling split view in portable device
(73) Samsung Electronics Co., Ltd
(72) Kim, Youngri
Han, Bonghee
Yoon, Sungjin
Lee, Yujin
Park, Wonkyu
(31) 20120106802
(32) 25.09.2012
(33) Korea (Republic)

(51) G06F 3/0481
G06F 3/0489
(11) EP1235138
(21) EP02290265.4
(47) 31.10.2018
(22) 05.02.2002
(54) Device for communicating with an aircraft system
(73) AIRBUS OPERATIONS (SAS)
(72) Roux, Nicolas
(31) 0102566
(32) 26.02.2001
(33) France

(51) G06F 3/0482
G06F 11/14
(11) EP3073360
(21) EP14798371.2
(47) 31.10.2018
(87) CN2014078786
20.11.2014
(22) 29.05.2014
(54) MULTI-MEDIA DATA BACKUP METHOD, USER TERMINAL AND SYNCHRONIZER
(73) ZTE Corporation
(72) GAO, Yu
(31) 201310585624
(32) 19.11.2013

(33) China

(51) G06F 3/0484
G06F 3/0482
G06F 17/30
G06F 17/22
G06F 11/14
(11) EP2951669
(21) EP14706159.2
(47) 31.10.2018
(87) US2014013466
07.08.2014
(22) 29.01.2014
(54) AUTOSAVE AND MANUAL SAVE MODES FOR SOFTWARE APPLICATIONS
(73) Microsoft Technology Licensing, LLC
(72) SHAW, Han-Yi
HUANG, Ying
TOOR, Sukhmeet Singh
CHELLIS, Keith B.
(31) 201313756885
(32) 01.02.2013
(33) United States of America

(51) G06F 3/0484
G06T 3/60
G06T 7/00
G16H 40/63
G06F 19/00
G16H 50/50
(11) EP2779006
(21) EP14160220.1
(47) 31.10.2018
(22) 17.03.2014
(54) Pathway planning system and method
(73) Covidien LP
(72) Baker, Matt W.
(31) 201313838805
(32) 15.03.2013
(33) United States of America

(51) G06F 3/0488
(11) EP2657814
(21) EP13001980.5
(47) 31.10.2018
(22) 16.04.2013
(54) TOUCH SCREEN DRIVER
(73) LG Display Co., Ltd.
(72) Lim, Kyusam
Jang, Chulsang
(31) 20120042655
(32) 24.04.2012
(33) Korea (Republic)

(51) G06F 3/0488
G06F 1/16
(11) EP2956849
(21) EP13713537.2
(47) 31.10.2018
(87) IB2013051172
21.08.2014
(22) 13.02.2013
(54) AN APPARATUS COMPRISING USER INTERFACE PORTION
(73) Nokia Technologies OY
(72) NURMI, Juha

(51) G06F 3/0488
G06F 3/041
G06F 3/0486
(11) EP2706449
(21) EP13182882.4
(47) 31.10.2018
(22) 03.09.2013
(54) Method for changing object position and electronic device thereof
(73) Samsung Electronics Co., Ltd.
(72) Park, Ji-Hea
Kim, Sang-Sup
Song, Se-Jun
(31) 20120098065
(32) 05.09.2012
(33) Korea (Republic)

(51) G06F 3/0488
G06F 3/0481
G06F 3/0484
(11) EP2369462
(21) EP11158486.8
(47) 31.10.2018
(22) 16.03.2011
(54) Mobile terminal and icon control method for the same
(73) Samsung Electronics Co., Ltd.
(72) Kim, Jeong Yeol
(31) 20100027138
(32) 26.03.2010
(33) Korea (Republic)

(51) G06F 3/0488
G06F 3/0485
H04N 5/445
G06F 3/038
(11) EP2752759
(21) EP14150301.1
(47) 31.10.2018
(22) 07.01.2014
(54) Method and apparatus for providing mouse function using touch device
(73) Samsung Electronics Co., Ltd
(72) Jeong, Seoghee
Lim, Minkyung
Park, Hongju
(31) 20130001835
(32) 07.01.2013
(33) Korea (Republic)

(51) G06F 3/0488
G06F 3/14
(11) EP3133481
(21) EP14893055.5
(47) 31.10.2018
(87) CN2014078904
03.12.2015
(22) 30.05.2014
(54) TERMINAL DEVICE DISPLAY METHOD AND TERMINAL DEVICE
(73) Huawei Technologies Co., Ltd.
(72) YU, Bo
QIU, Jianbin

(51) G06F 3/0488
G06F 21/36
H04M 1/66
H04M 1/67
G06F 21/62
(11) EP2799969
(21) EP13166554.9
(47) 31.10.2018
(22) 03.05.2013
(54) Multi touch combination for viewing sensitive information
(73) BlackBerry Limited
(72) Sandström, Henrick
Berglund, Carl Frederik Alexander

(51) G06F 3/0488
H04M 1/57
H04M 1/725
(11) EP2849046
(21) EP14183272.5
(47) 31.10.2018
(22) 02.09.2014
(54) Electronic device and method for handling incoming call of the same
(73) Samsung Electronics Co., Ltd
(72) Rhee, Bongjae
Lee, Jeehee
(31) 20130110962
(32) 16.09.2013
(33) Korea (Republic)

(51) G06F 3/0489
G06F 17/30
(11) EP2204727
(21) EP08022551.9
(47) 31.10.2018
(22) 31.12.2008
(54) Apparatus and method for providing access to communication items
(73) Vodafone Holding GmbH
(72) German, Leon
Leinss, Mirja

(51) G06F 3/12
(11) EP2453349
(21) EP11189404.4
(47) 31.10.2018
(22) 16.11.2011
(54) Print relay system, print relay system control method, and program
(73) Canon Kabushiki Kaisha
(72) Nanaumi, Yoshihito
(31) 2010256316
(32) 16.11.2010
(33) Japan

(51) G06F 3/12
(11) EP2506138
(21) EP12161667.6
(47) 31.10.2018
(22) 28.03.2012
(54) Print management for plurality of print requests in image forming apparatus
(73) Kyocera Document Solutions Inc.
(72) Murakawa, Tsuyoshi
(31) 2011073924
(32) 30.03.2011
(33) Japan

(51) G06F 3/12
(11) EP2693328
(21) EP13178490.2
(47) 31.10.2018
(22) 30.07.2013
(54) Printing system including an image forming apparatus and a management server that manages a print allowance of a user, and printing method performed by the printing system
(73) Kyocera Document Solutions Inc.
(72) Yoshida, Daisuke
Matsumae, Keisaku
Nakatani, Ryusuke
(31) 2012167933

201313952547
(32) 30.07.2012
26.07.2013
(33) Japan
United States of America

(51) G06F 3/12
(11) EP3172655
(21) EP15733442.6
(47) 31.10.2018
(87) EP2015064953
28.01.2016
(22) 01.07.2015
(54) PRINTABLE IMAGE DATA GENERATION IN LARGE-SCALE PRINTING
(73) Sicpa Holding SA
(72) IELSCH, Damien
(31) 14178511
(32) 25.07.2014
(33) European Patent Office (EPO)

(51) G06F 3/12
B41J 29/38
H04W 8/00
H04W 84/18
H04W 76/14
(11) EP1934698
(21) EP06797492.3
(47) 31.10.2018
(87) JP2006317595
08.03.2007
(22) 30.08.2006
(54) IMAGE FORMING APPARATUS, MOBILE DEVICE, AND CONTROL METHOD THEREFOR
(73) CANON KABUSHIKI KAISHA
(72) KIMURA, Yoshio
NEMOTO, Junko
CHIU, Wilson
DABORN, Andrew
SHAO, Yuan
(31) 0517705
2005262979
(32) 31.08.2005
09.09.2005
(33) United Kingdom
Japan

(51) G06F 3/12
G06K 15/00
(11) EP2645226
(21) EP13156220.9
(47) 31.10.2018
(22) 21.02.2013
(54) Image processing apparatus and image processing system
(73) Brother Kogyo Kabushiki Kaisha
(72) Hashimoto, Naoki
(31) 2012077439
(32) 29.03.2012
(33) Japan

(51) G06F 3/14
G06F 1/16
G09G 3/20
G09G 5/14
H04B 1/40
H04M 1/02
H04M 1/22
H04M 1/57
H04M 3/42
H04M 19/04
H04W 4/12
H04W 68/00
H04W 68/02
(11) EP3223436
(21) EP17171083.3
(47) 31.10.2018
(22) 07.01.2013
(54) METHOD AND APPARATUS FOR PROVIDING EVENT OF PORTABLE DEVICE HAVING FLEXIBLE DISPLAY UNIT
(73) Samsung Electronics Co., Ltd
(72) Kim, Dong Hyun
(31) 20120002968
(32) 07.01.2012
(33) Korea (Republic)

(51) G06F 3/16
G06F 21/84
(11) EP2676190
(21) EP11858978.7
(47) 31.10.2018
(87) US2011067580
23.08.2012
(22) 28.12.2011
(54) SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR APPLICATION-AGNOSTIC AUDIO ACCELERATION
(73) Intel Corporation
(72) KABURLASOS, Nikos
WORRELL, Devon
(31) 201113029661
(32) 17.02.2011
(33) United States of America

(51) G06F 7/00
G06F 17/30
(11) EP1616282
(21) EP04758895.9
(47) 31.10.2018
(87) US2004010491
21.10.2004
(22) 05.04.2004
(54) UNIVERSAL SEARCH INTERFACE SYSTEMS AND METHODS
(73) Excalibur IP, LLC
(72) KAPUR, Shyam
(31) 460222 P
(32) 04.04.2003
(33) United States of America

(51) G06F 7/00
G06K 9/00
H01K 7/00
H01L 27/00
B60Q 1/14
(11) EP1573479
(21) EP03796308.9
(47) 31.10.2018
(87) US2003026407
22.04.2004
(22) 20.08.2003
(54) IMAGE ACQUISITION AND PROCESSING METHODS FOR AUTOMATIC VEHICULAR EXTERIOR LIGHTING CONTROL
(73) Gentex Corporation
(72) STAM, Joseph, S.
MART, Gregory, A.
BERENDS, Keith, H.
BUSH, Gregory, S.
ROBERTS, John, K.
PIERCE, Mark, W.
BECHTEL, John, H.
WALSTRA, Eric, J.
RYCENGA, Brock, R.
(31) 404879 P
(32) 21.08.2002
(33) United States of America

(51) G06F 7/02
(11) EP2393004
(21) EP11164892.9
(47) 31.10.2018
(22) 05.05.2011
(54) Cache apparatus and control method thereof
(73) Canon Kabushiki Kaisha
(72) Ito, Tadayuki
(31) 2010130447
(32) 07.06.2010
(33) Japan

(51) G06F 7/02
(11) EP2437159
(21) EP11195127.3
(47) 31.10.2018
(22) 05.05.2011
(54) Apparatus for data comparison and control method thereof
(73) Canon Kabushiki Kaisha
(72) Ito, Tadayuki
(31) 2010130447
(32) 07.06.2010
(33) Japan

(51) G06F 8/61
G07F 17/32
(11) EP1811374
(21) EP07250241.2
(47) 31.10.2018
(22) 22.01.2007
(54) METHODS AND SYSTEM FOR CUSTOMIZING ELECTRONIC GAMING MACHINES
(73) Waterleaf Ltd.
(72) Edgren, Joakim
Johansson, Mikael
Kaufeldt, Peter
(31) 336570
(32) 20.01.2006
(33) United States of America

(51) G06F 8/65
G06F 8/658
G06F 8/654
G06F 17/30
(11) EP3086225
(21) EP14795338.4
(47) 31.10.2018
(87) CN2014079300
13.11.2014
(22) 05.06.2014
(54) FILE SYSTEM UPGRADE PACKAGE PRODUCTION METHOD, UPGRADE METHOD, DEVICE AND TERMINAL
(73) ZTE Corporation
(72) CHEN, Xi
SHUANG, Jianping
ZHANG, Chong
(31) 201310690650
(32) 16.12.2013

(33) China

(51) G06F 9/06
G06F 1/32
(11) EP2580657
(21) EP10852813.4
(47) 31.10.2018
(87) IB2010052599
15.12.2011
(22) 11.06.2010
(54) INFORMATION PROCESSING DEVICE AND METHOD
(73) NXP USA, Inc.
(72) PRIEL, Michael
ROZEN, Anton
SMOLYANSKY, Leonid

(51) G06F 9/30
G06F 9/38
(11) EP3055768
(21) EP14891600.0
(47) 31.10.2018
(87) IB2014003217
23.06.2016
(22) 14.12.2014
(54) MECHANISM TO PRECLUDE UNCACHEABLE-DEPENDENT LOAD REPLAYS IN OUT-OF-ORDER PROCESSOR
(73) VIA Alliance Semiconductor Co., Ltd.
(72) COL, Gerard, M.
EDDY, Colin
HENRY, G., Glenn

(51) G06F 9/38
(11) EP3055769
(21) EP14891601.8
(47) 31.10.2018
(87) IB2014003098
23.06.2016
(22) 14.12.2014
(54) MECHANISM TO PRECLUDE LOAD REPLAYS DEPENDENT ON PAGE WALKS IN OUT-OF-ORDER PROCESSOR
(73) VIA Alliance Semiconductor Co., Ltd.
(72) COL, Gerard, M.
EDDY, Colin
HENRY, G., Glenn

(51) G06F 9/38
(11) EP3032400
(21) EP15196876.5
(47) 31.10.2018
(22) 27.11.2015
(54) LOAD REPLAY PRECLUDING MECHANISM
(73) VIA Alliance Semiconductor Co., Ltd.
(72) COL, Gerard
EDDY, Colin
HENRY, G. Glenn
(31) PCT/IB2014/003179
201514889223
201514950365
(32) 14.12.2014
05.11.2015
24.11.2015
(33) World Intellectual Property Office (WIPO)
United States of America
United States of America

(51) G06F 9/445
(11) EP1652075
(21) EP04779823.6
(47) 31.10.2018
(87) US2004024876
10.02.2005
(22) 29.07.2004
(54) MOBILE HANDSET WITH UPDATE AGENT IMPLEMENTED IN HARDWARE
(73) Qualcomm Incorporated
(72) RAO, Bindu Rama
YANG, Xuguang
OKKONEN, Harri
JACOBI, Sidney A.
(31) 491459 P
(32) 29.07.2003
(33) United States of America

(51) G06F 9/445
(11) EP2409225
(21) EP10708332.1
(47) 31.10.2018
(87) FR2010050235
23.09.2010
(22) 11.02.2010
(54) METHOD FOR THE SOFTWARE OF A COMPUTER ONBOARD A VEHICLE TO TAKE CONFIGURATION PARAMETERS INTO ACCOUNT
(73) PSA Automobiles SA
(72) LOPEZ, Thierry
(31) 0951741
(32) 18.03.2009
(33) France

(51) G06F 9/451
G06F 3/0481
H04M 1/725
G06F 17/30
(11) EP2702483
(21) EP12722566.2
(47) 31.10.2018
(87) US2012035137
01.11.2012
(22) 26.04.2012
(54) MOBILE BROWSER CONTEXT SWITCHING
(73) Google LLC
(72) SHAH, Roma
JITKOFF, Nicholas
MURPHY, Glen
WEBER, Arnaud
FELDSTEIN, Michael
AINSLIE, Alex
(31) 201113094489
201113247924
(32) 26.04.2011
28.09.2011
(33) United States of America
United States of America

(51) G06F 9/455
G06F 9/48
G06F 13/28
G06F 13/42
(11) EP2942709
(21) EP14870652.6
(47) 31.10.2018
(87) CN2014093034
09.07.2015
(22) 04.12.2014
(54) VIRTUAL MACHINE LIVE MIGRATION METHOD, VIRTUAL MACHINE MEMORY DATA PROCESSING METHOD, SERVER, AND VIRTUAL MACHINE SYSTEM
(73) Huawei Technologies Co., Ltd.
(72) LU, Shengwen
(31) PCT/CN2013/091131
(32) 31.12.2013
(33) World Intellectual Property Office (WIPO)

(51) G06F 9/455
G06F 9/50
(11) EP2156310
(21) EP08769031.9
(47) 31.10.2018
(87) US2008057754
06.11.2008
(22) 20.03.2008
(54) VIRTUAL MACHINE MIGRATION
(73) Microsoft Technology Licensing, LLC
(72) RANGEGOWDA, Dharshan
FRIES, Robert
(31) 789727
(32) 25.04.2007
(33) United States of America

(51) G06F 9/455
G06F 9/50
(11) EP2480966
(21) EP10752667.5
(47) 31.10.2018
(87) US2010047010
31.03.2011
(22) 27.08.2010
(54) SYSTEM AND METHOD FOR USAGE-BASED APPLICATION LICENSING IN A HYPERVISOR VIRTUAL EXECUTION ENVIRONMENT
(73) Oracle International Corporation
(72) CABLE, Laurence P.G.
PIECH, Michael
(31) 566380
(32) 24.09.2009
(33) United States of America

(51) G06F 9/48
(11) EP3008592
(21) EP13773973.6
(47) 31.10.2018
(87) US2013060750
18.12.2014
(22) 20.09.2013
(54) PRE-FETCHING CONTENT FOR SERVICE-CONNECTED APPLICATIONS
(73) Microsoft Technology Licensing, LLC
(72) MERRY, Matthew
IYIGUN, Mehmet
ELDRIDGE, Jonathan
KRALJ, Milos
OSTERMAN, Lawrence
MILLER, Cody
SARDA, Sriram
BROWN, Zachary
KISHAN, Arun
(31) 201313915946
(32) 12.06.2013
(33) United States of America

(51) G06F 11/10
H04L 1/04
H04L 1/00

H04L 12/707
(11) EP2340489
(21) EP09785029.1
(47) 31.10.2018
(87) GB2009002101
11.03.2010
(22) 01.09.2009
(54) DISTRIBUTED STORAGE AND COMMUNICATION
(73) Qando Service Inc.
(72) SYRGABEKOV lskender
ZADAULY, Yerkin
LAUMULIN, Chokan
(31) 0815959
0817804
0819211
(32) 02.09.2008
29.09.2008
20.10.2008
(33) United Kingdom
United Kingdom
United Kingdom

(51) G06F 11/14
G06F 11/16
G06F 11/20
(11) EP3167372
(21) EP15728288.0
(47) 31.10.2018
(87) US2015031906
14.01.2016
(22) 21.05.2015
(54) METHODS FOR FACILITATING HIGH AVAILABILITY STORAGE SERVICES AND CORRESPONDING DEVICES
(73) NetApp, Inc.
(72) CARADONNA, Joseph
RAJARAMAN, Rajesh
GOLDSCHMIDT, Jason
SHIHAB, Ahmed
(31) 201414325897
201514608756
(32) 08.07.2014
29.01.2015
(33) United States of America
United States of America

(51) G06F 11/36
G06F 9/445
(11) EP2591419
(21) EP10854508.8
(47) 31.10.2018
(87) SE2010050786
12.01.2012
(22) 06.07.2010
(54) SIMULATING AND TESTING AVIONICS
(73) Saab AB
(72) DANIELSSON, Torkel
PETTERSSON, Anders

(51) G06F 12/02
G06F 12/06
G11C 16/34
(11) EP2507710
(21) EP09851760.0
(47) 31.10.2018
(87) US2009066089
03.06.2011
(22) 30.11.2009
(54) REMAPPING FOR MEMORY WEAR LEVELING
(73) Hewlett Packard Enterprise Development LP
(72) TUCEK, Joseph, A.
ANDERSON, Eric, A.

(51) G06F 12/08
G06F 9/52
G06F 12/0842
G06F 12/0815
G06F 12/0804
G06F 12/0811
(11) EP2879058
(21) EP14192720.2
(47) 31.10.2018
(22) 11.11.2014
(54) Parallel computer system, control method of parallel computer system, information processing device, arithmetic processing device, and communication control device
(73) FUJITSU LIMITED
(72) Hiramoto, Shinya
Inoue, Tomohiro
Maeda, Masahiro
Ando, Shun
Toyoda, Yuta
(31) 2013248582
(32) 29.11.2013
(33) Japan

(51) G06F 12/10
G06F 1/32
G06F 9/44
G06F 12/08
G06F 12/1027
G06F 11/07
(11) EP3259671
(21) EP16703901.5
(47) 31.10.2018
(87) US2016015599
25.08.2016
(22) 29.01.2016
(54) SELECTIVE TRANSLATION LOOKASIDE BUFFER SEARCH AND PAGE FAULT
(73) Qualcomm Incorporated
(72) KOOB, Christopher Edward
PLONDKE, Erich James
TU, Jiajin
(31) 201514626925
(32) 20.02.2015
(33) United States of America

(51) G06F 12/16
G06F 9/4401
H04B 1/3883
H04B 1/40
H04M 1/02
(11) EP2765710
(21) EP12830426.8
(47) 31.10.2018
(87) KR2012007187
14.03.2013
(22) 06.09.2012
(54) MOBILE TERMINAL AND METHOD FOR MANAGING THE FILE SYSTEM THEREOF
(73) Samsung Electronics Co., Ltd.
(72) KWON, Soon Wan
KIM, Joong Baik
LEE, Seung Wook
(31) 20110090137
(32) 06.09.2011
(33) Korea (Republic)

(51) G06F 13/00
G06F 13/38
G06F 3/06
(11) EP3113028
(21) EP14890494.9
(47) 31.10.2018
(87) CN2014076567
05.11.2015
(22) 30.04.2014
(54) METHOD, DEVICE, AND SYSTEM FOR INTERACTION BETWEEN HARD DISK DRIVES
(73) Huawei Technologies Co., Ltd.
(72) LEI, Xiaosong

(51) G06F 13/14
G06F 13/38
G06F 13/40
G06F 15/173
G06F 11/20
G06F 11/30
(11) EP2845112
(21) EP13784430.4
(47) 31.10.2018
(87) US2013039137
07.11.2013
(22) 01.05.2013
(54) DISTRIBUTED MESH-BASED MEMORY AND COMPUTING ARCHITECTURE
(73) Seakr Engineering, Inc.
(72) KORITNIK, Brett
SPRAGUE, Kirk
(31) 201213461618
(32) 01.05.2012
(33) United States of America

(51) G06F 13/14
G06F 13/38
G06K 19/00
(11) EP3044685
(21) EP13893630.7
(47) 31.10.2018
(87) US2013059105
19.03.2015
(22) 11.09.2013
(54) NEAR FIELD COMMUNICATION (NFC) DATA TRANSFER
(73) Hewlett-Packard Development Company, L.P.
(72) DORY, John R.
HANES, David H.
DOWDY, James Glenn

(51) G06F 13/16
(11) EP2972914
(21) EP14770419.1
(47) 31.10.2018
(87) US2014021118
25.09.2014
(22) 06.03.2014
(54) APPARATUSES AND METHODS FOR VARIABLE LATENCY MEMORY OPERATIONS
(73) Micron Technology, Inc.
(72) MIRICHIGNI, Graziano
BALLUCHI, Daniele
PORZIO, Luca
(31) 201313838296
(32) 15.03.2013

(33) United States of America

(51) G06F 13/38
G06F 13/40
(11) EP2810173
(21) EP12867016.3
(47) 31.10.2018
(87) US2012023347
08.08.2013
(22) 31.01.2012
(54) FLEXIBLE PORT CONFIGURATION BASED ON INTERFACE COUPLING
(73) Hewlett-Packard Development Company, L.P.
(72) BASSETT, Jonathan D.
GAY, Raphael
MCCLURE, Linden H.

(51) G06F 13/40
(11) EP3117329
(21) EP15711806.8
(47) 31.10.2018
(87) FI2015050110
17.09.2015
(22) 25.02.2015
(54) METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR ENTERING ACCESSORY DOCKING MODE IN USB TYPE C
(73) Nokia Technologies OY
(72) TALMOLA, Pekka
(31) 201414208654
(32) 13.03.2014
(33) United States of America

(51) G06F 13/42
(11) EP2924584
(21) EP15158353.1
(47) 31.10.2018
(22) 10.03.2015
(54) CONNECTING USB TYPE-C DEVICES
(73) Nokia Technologies OY
(72) Inha, Kai
Backman, Juha
Talmola, Pekka
Toivanen, Timo
(31) 201414223860
(32) 24.03.2014
(33) United States of America

(51) G06F 13/42
G06F 11/22
(11) EP3118749
(21) EP16179954.9
(47) 31.10.2018
(22) 18.07.2016
(54) SYSTEM AND METHOD OF MONITORING A SERIAL BUS
(73) Goodrich Corporation
(72) JAROK, Jonathan C.
RAMSEY, Scott W.
(31) 201514802764
(32) 17.07.2015
(33) United States of America

(51) G06F 13/42
G06F 13/28
(11) EP3189442
(21) EP15763748.9
(47) 31.10.2018
(87) US2015048111
10.03.2016
(22) 02.09.2015
(54) MULTI-CHANNEL AUDIO COMMUNICATION IN A SERIAL LOW-POWER INTER-CHIP MEDIA BUS (SLIMBUS) SYSTEM
(73) Qualcomm Incorporated
(72) AMARILIO, Lior
BALATSOS, Aris
(31) 201462045235 P
201514842451
(32) 03.09.2014
01.09.2015
(33) United States of America
United States of America

(51) G06F 15/00
G06F 15/76
(11) EP2483787
(21) EP10819659.3
(47) 31.10.2018
(87) US2010050588
31.03.2011
(22) 28.09.2010
(54) EFFICIENT PREDICATED EXECUTION FOR PARALLEL PROCESSORS
(73) Nvidia Corporation
(72) JOHNSON, Richard, Craig
NICKOLLS, John, R.
GLANVILLE, Robert, Steven
(31) 246509 P
891629
(32) 28.09.2009
27.09.2010
(33) United States of America
United States of America

(51) G06F 15/16
H04L 12/18
H04L 12/58
H04N 21/45
H04N 21/4788
H04N 21/63
H04N 21/81
H04N 21/858
(11) EP2831748
(21) EP13770361.7
(47) 31.10.2018
(87) US2013033742
03.10.2013
(22) 25.03.2013
(54) PROVIDING USERS ACCESS TO APPLICATIONS DURING VIDEO COMMUNICATIONS
(73) Google LLC
(72) DUNN, Richard, James
FULAY, Amit
CHEW, Chee
VERHAGE, Alexander, Jan
(31) 201261616405 P
201213731570
(32) 27.03.2012
31.12.2012
(33) United States of America
United States of America

(51) G06F 15/16
H04L 29/06
H04L 12/18
H04M 3/36
H04M 3/56
H04W 4/10
H04W 76/00
H04L 29/08
H04W 76/45
(11) EP2008192
(21) EP07753563.1
(47) 31.10.2018
(87) US2007006944
08.11.2007
(22) 20.03.2007
(54) SYSTEM AND METHOD FOR DYNAMICALLY UPGRADING/ DOWNGRADING A CONFERENCE SESSION
(73) Cisco Technology, Inc.
(72) VADLAKONDA, Sravan
CHOTAI, Ashish
HA, Binh, Don
ASTHANA, Aseem
SHAFFER, Shmuel
(31) 399970
(32) 07.04.2006
(33) United States of America

(51) G06F 15/173
H04L 12/70
H04L 12/24
H04L 12/715
(11) EP2297648
(21) EP09774431.2
(47) 31.10.2018
(87) US2009049388
07.01.2010
(22) 01.07.2009
(54) NETWORK CONTROLLER BASED PASS-THROUGH COMMUNICATION MECHANISM BETWEEN LOCAL HOST AND MANAGEMENT CONTROLLER
(73) Avago Technologies General IP (Singapore) Pte. Ltd.
(72) SHAH, Hemal
CHRISTENSEN, David
MCDANIEL, Scott, S.
(31) 77333
(32) 01.07.2008
(33) United States of America

(51) G06F 15/173
H04L 29/08
G06F 17/30
H04L 29/06
(11) EP3156911
(21) EP16196724.5
(47) 31.10.2018
(22) 31.03.2009
(54) CONTENT MANAGEMENT
(73) Amazon Technologies, Inc.
(72) SIVASUBRAMANIAN, Swaminathan
RICHARDSON, David, R.
MARSHALL, Bradley, E.
SCOFIELD, Christopher, L.
(31) 60213
189019
(32) 31.03.2008
08.08.2008
(33) United States of America
United States of America

(51) G06F 17/00
G06F 17/20
G06T 11/20
G01C 21/36

(11) EP2727006
(21) EP12803602.7
(47) 31.10.2018
(87) US2012044602
03.01.2013
(22) 28.06.2012
(54) RENDERING A TEXT IMAGE FOLLOWING A LINE
(73) Google LLC
(72) CORNELL, Brian
(31) 201113174403
201113174283
201113174378
(32) 30.06.2011
30.06.2011
30.06.2011
(33) United States of America
United States of America
United States of America

(51) G06F 17/30
(11) EP2368199
(21) EP09799831.4
(47) 31.10.2018
(87) US2009069234
01.07.2010
(22) 22.12.2009
(54) ASYNCHRONOUS DISTRIBUTED DE-DUPLICATION FOR REPLICATED CONTENT ADDRESSABLE STORAGE CLUSTERS
(73) Google LLC
(72) DATUASHVILI, Gia
KESSELMAN, Alexander
DROBYCHEV, Alexandre
(31) 139857 P
(32) 22.12.2008
(33) United States of America

(51) G06F 17/30
(11) EP2211274
(21) EP10250073.3
(47) 31.10.2018
(22) 18.01.2010
(54) READING DEVICE AND COMMUNICATION SYSTEM
(73) Brother Kogyo Kabushiki Kaisha
(72) Nakayama, Hiroto
(31) 2009011019
(32) 21.01.2009
(33) Japan

(51) G06F 17/30
(11) EP2602729
(21) EP12195816.9
(47) 31.10.2018
(22) 06.12.2012
(54) Apparatus and method for content display in a mobile terminal
(73) Samsung Electronics Co., Ltd
(72) Kim, Kyunghwa
Kang, Jiyoung
Kim, Seonhwa
Kim, Heewoon
Shin, Dongjun
(31) 20110130770
(32) 08.12.2011
(33) Korea (Republic)

(51) G06F 17/30
(11) EP2691884
(21) EP12763392.3
(47) 31.10.2018
(87) US2012031115
04.10.2012
(22) 29.03.2012
(54) MANAGEMENT AND STORAGE OF DISTRIBUTED BOOKMARKS
(73) Alibaba Group Holding Limited
(72) WU, Ce
(31) 201110076264
201213432330
(32) 29.03.2011
28.03.2012
(33) China
United States of America

(51) G06F 17/30
(11) EP3246827
(21) EP17169528.1
(47) 31.10.2018
(22) 04.05.2017
(54) METHOD TO AUTOMATE HISTORIAN CONFIGURATION USING CONTROLLER-BASED META ATTRIBUTE
(73) Rockwell Automation Technologies, Inc.
(72) BLISS, Ronald E.
CARRARA, Anthony
MCCLEAVE, Bruce T.
RAPINI, David P.
PANTALEANO, Michael John
PORTER, Brian A.
SUN, Guangwen
CURRY, David Robert
CAHALANE, Ryan
(31) 201615156823
(32) 17.05.2016
(33) United States of America

(51) G06F 17/50
(11) EP1763804
(21) EP05762374.6
(47) 31.10.2018
(87) US2005020921
05.01.2006
(22) 13.06.2005
(54) VARIANTS IN GRAPHICAL MODELING ENVIRONMENTS
(73) The MathWorks, Inc.
(72) CIOLFI, John
GUO, Yang
MANI, Ramamurthy
(31) 13238
580212 P
(32) 14.12.2004
15.06.2004
(33) United States of America
United States of America

(51) G06F 19/00
(11) EP2141620
(21) EP08405166.3
(47) 31.10.2018
(22) 01.07.2008
(54) Insulin pump and method for controlling a user interface of an insulin pump
(73) F. Hoffmann-La Roche AG
(72) Eberhart, Andreas
Both, Marcel
Krieftewirth, Michael

(51) G06F 19/00
(11) EP2160693
(21) EP08749879.6
(47) 31.10.2018
(87) EP2008055280
13.11.2008
(22) 29.04.2008
(54) APPARATUS AND PROCEDURE FOR IDENTIFYING PATIENTS AND MARKING CONTAINERS FOR BIOLOGICAL SAMPLES OF SAID PATIENTS
(73) Inpeco Holding Ltd
(72) PEDRAZZINI, Gianandrea
(31) MI20070927
(32) 08.05.2007
(33) Italy

(51) G06F 19/00
A61N 5/10
(11) EP3077940
(21) EP14868509.2
(47) 31.10.2018
(87) IB2014066493
11.06.2015
(22) 02.12.2014
(54) METHOD AND SYSTEM FOR DOSE CALCULATION BASED ON CONTINUOUS MATERIAL INDEXING
(73) Elekta Ltd.
(72) HISSOINY, Sami
(31) 201361911999 P
201414271862
(32) 04.12.2013
07.05.2014
(33) United States of America
United States of America

(51) G06F 19/00
G05B 17/02
G08G 1/01
G06Q 10/04
(11) EP2450864
(21) EP09846805.1
(47) 31.10.2018
(87) JP2009061970
06.01.2011
(22) 30.06.2009
(54) SIMULATION DEVICE, METHOD, AND PROGRAM
(73) Fujitsu Limited
(72) KITAGAWA, Eiji
IKEDA, Takuro
YAMADA, Hiroshi

(51) G06F 19/22
(11) EP2460111
(21) EP10838693.9
(47) 31.10.2018
(87) CN2010080165
30.06.2011
(22) 23.12.2010
(54) METHOD AND APPARATUS FOR COMPRESSING NUCLEOTIDE SEQUENCE DATA
(73) Industrial Technology Research Institute
(72) HWANG, Bai-Kuang
FANN, Jenn-Yeh
CHIOU, Chung-Fan
(31) 282168 P
330552 P
(32) 23.12.2009
03.05.2010

(33) United States of America
United States of America

(51) G06F 19/22
(11) EP2718862
(21) EP12730271.9
(47) 31.10.2018
(87) IB2012052613
13.12.2012
(22) 24.05.2012
(54) METHOD FOR ASSEMBLY OF NUCLEIC ACID SEQUENCE DATA
(73) Koninklijke Philips N.V.
(72) KUMAR, Sunil
SINGH, Randeep
DIMITROVA, Nevenka
(31) 201161493541 P
(32) 06.06.2011
(33) United States of America

(51) G06F 21/00
G06F 21/57
H04L 29/06
(11) EP3100192
(21) EP15739967.6
(47) 31.10.2018
(87) IL2015050027
30.07.2015
(22) 07.01.2015
(54) AUTOMATED PENETRATION TESTING DEVICE, METHOD AND SYSTEM
(73) Cronus Cyber Technologies Ltd.
(72) SIVAN, Doron
AZUGI, Matan Michael
(31) 201461931715 P
(32) 27.01.2014
(33) United States of America

(51) G06F 21/10
(11) EP2363822
(21) EP11156469.6
(47) 31.10.2018
(22) 01.03.2011
(54) PC secure video path
(73) Comcast Cable Communications, LLC
(72) Fahrny, James William
(31) 717234
(32) 04.03.2010
(33) United States of America

(51) G06F 21/10
(11) EP2382576
(21) EP10735983.8
(47) 31.10.2018
(87) KR2010000296
05.08.2010
(22) 18.01.2010
(54) METHOD AND TERMINAL FOR RECEIVING RIGHTS OBJECT FOR CONTENT ON BEHALF OF MEMORY CARD
(73) LG Electronics Inc.
(72) CHU, Youn-Sung
LEE, Seung-Jae
(31) 148053 P
170113 P
185988 P
187284 P
20090105146
20090101947
286740 P
(32) 29.01.2009
17.04.2009
10.06.2009
16.06.2009
02.11.2009
26.10.2009
15.12.2009
(33) United States of America
United States of America
United States of America
United States of America
Korea (Republic)
Korea (Republic)
United States of America

(51) G06F 21/10
G06F 21/42
(11) EP1975837
(21) EP08251241.9
(47) 31.10.2018
(22) 31.03.2008
(54) Non-repudiation for digital content delivery
(73) Accenture Global Services Limited
(72) Levine, Richard B.
(31) 731325
(32) 30.03.2007
(33) United States of America

(51) G06F 21/12
G06F 21/74
G06F 21/57
(11) EP2706478
(21) EP13003755.9
(47) 31.10.2018
(22) 26.07.2013
(54) Protecting secure software in a multi-security-CPU system
(73) Avago Technologies General IP (Singapore) Pte. Ltd.
(72) Rodgers, Stephane
Shekhar, Shashank
(31) 201261684479 P
201261729169 P
201213707023
(32) 17.08.2012
21.11.2012
06.12.2012
(33) United States of America
United States of America
United States of America

(51) G06F 21/35
G06F 21/60
G06F 21/64
H04L 9/08
H04L 9/14
H04L 9/32
(11) EP2568406
(21) EP12183656.3
(47) 31.10.2018
(22) 10.09.2012
(54) Implementation method, from a terminal, of cryptographic data for a user stored in a database
(73) Dictao
(72) Daouphars, Raphaël
Desperrier, Jean-Marc
Fournie, Laurent
(31) 1158042
(32) 09.09.2011
(33) France

(51) G06F 21/36
(11) EP2466515
(21) EP10195338.8
(47) 31.10.2018
(22) 16.12.2010
(54) MULTI-LAYER ORIENTATION-CHANGING PASSWORD
(73) BlackBerry Limited
(72) Griffin, Jason Tyler
Fyke, Steven Henry
Adams, Neil Patrick
Brown, Michael Kenneth
Pasquero, Jerome

(51) G06F 21/56
(11) EP2819054
(21) EP13195205.3
(47) 31.10.2018
(22) 29.11.2013
(54) Flexible fingerprint for detection of malware
(73) AO Kaspersky Lab
(72) Antonov, Alexey E.
Romanenko, Alexey M.
(31) 2013129552
201314037793
(32) 28.06.2013
26.09.2013
(33) Russian Federation
United States of America

(51) G06F 21/56
H04L 12/58
G06F 17/30
G06F 21/55
H04L 29/06
H04L 29/08
(11) EP2859495
(21) EP13800202.7
(47) 31.10.2018
(87) US2013043790
12.12.2013
(22) 31.05.2013
(54) MALICIOUS MESSAGE DETECTION AND PROCESSING
(73) Proofpoint, Inc.
(72) STARINK, Angelo
KNIGHT, David
(31) 201213491494
(32) 07.06.2012
(33) United States of America

(51) G06F 21/62
(11) EP2523138
(21) EP11165417.4
(47) 31.10.2018
(22) 10.05.2011
(54) Unlocking method, computer readable storage medium and handheld electrical device
(73) HTC Corporation
(72) Huang, Chun-Hsiang
Lu, Tai-Ling
Wang, Chih-Kuang

(51) G06F 21/62
(11) EP2561460
(21) EP11717192.6
(47) 31.10.2018
(87) EP2011002046
27.10.2011
(22) 21.04.2011
(54) METHOD FOR CONFIGURING AN APPLICATION FOR A TERMINAL

(73) Giesecke+Devrient Mobile Security GmbH
(72) SPITZ, Stephan
(31) 102010018021
(32) 23.04.2010
(33) Germany

(51) G06F 21/62
G06F 19/00
(11) EP2759957
(21) EP13152855.6
(47) 31.10.2018
(22) 28.01.2013
(54) Transfer medium for security-critical medical image contents
(73) Siemens Healthcare GmbH
(72) Dominick, Lutz
von Stockhausen, Hans-Martin

(51) G06F 21/62
H04L 29/06
H04L 29/08
G06Q 30/02
H04L 12/58
H04L 9/32
G06F 17/30
G06Q 50/00
H04W 12/02
(11) EP2891074
(21) EP13833698.7
(47) 31.10.2018
(87) US2013057045
06.03.2014
(22) 28.08.2013
(54) METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS
(73) The Nielsen Company (US), LLC
(72) BURBANK, John R.
ALLA, Madhusudhan Reddy
(31) 201261695169 P
201261697597 P
2013204953
(32) 30.08.2012
06.09.2012
12.04.2013
(33) United States of America
United States of America
Australia

(51) G06F 21/64
G06F 17/30
G06F 21/56
(11) EP2441026
(21) EP10723583.0
(47) 31.10.2018
(87) EP2010057764
16.12.2010
(22) 03.06.2010
(54) ANTI-VIRUS TRUSTED FILES DATABASE
(73) F-Secure Corporation
(72) TURBIN, Pavel
FIALKIN, Yuri
(31) 455910
(32) 09.06.2009
(33) United States of America

(51) G06F 21/72
G06F 21/75
G09C 1/00
G01R 31/317
H04L 9/00
(11) EP3220305
(21) EP17156290.3
(47) 31.10.2018
(22) 15.02.2017
(54) METHOD OF TESTING THE RESISTANCE OF A CIRCUIT TO A SIDE CHANNEL ANALYSIS OF SECOND ORDER OR MORE
(73) ESHARD
(72) THIEBEAULD DE LA CROUEE, Hugues
WURCKER, Antoine
(31) 1651443
1651444
1651445
(32) 22.02.2016
22.02.2016
22.02.2016
(33) France
France
France

(51) G06K 7/08
G06K 19/06
G06K 19/12
(11) EP2682893
(21) EP12175325.5
(47) 31.10.2018
(22) 06.07.2012
(54) Magnetic tag device, reader for a magnetic tag, and method of interrogating a magnetic tag
(73) Deutsche Telekom AG
(72) Roshandel, Mehran
Ketabdar, Hamed

(51) G06K 7/10
(11) EP2367137
(21) EP11155564.5
(47) 31.10.2018
(22) 23.02.2011
(54) Barcode reading apparatus and computer program product
(73) CASIO COMPUTER CO., LTD.
(72) Ogawa, Yasuaki
Tanioka, Keiichi
(31) 2010056962
(32) 15.03.2010
(33) Japan

(51) G06K 7/10
G06Q 30/02
(11) EP3108429
(21) EP14707354.8
(47) 31.10.2018
(87) EP2014053376
27.08.2015
(22) 20.02.2014
(54) TIME SLOT COMMUNICATION SYSTEM
(73) SES-imagotag GmbH
(72) RÖßL, Andreas
HECHENBLAICKNER, Andreas
FRIEßNEGG, Christian

(51) G06K 7/10
H04L 27/06
(11) EP2761531
(21) EP12759772.2
(47) 31.10.2018
(87) EP2012068646
04.04.2013
(22) 21.09.2012
(54) CONFIGURING THE TYPE OF MODULATION FOR A NEAR-FIELD COMMUNICATION ROUTER
(73) Proton World International N.V.
(72) RESTIAU, Guy
AHSSINI, Youssef
(31) 1158817
(32) 30.09.2011
(33) France

(51) G06K 9/00
C12M 1/34
G06F 3/00
(11) EP3117367
(21) EP15703792.0
(47) 31.10.2018
(87) EP2015052991
17.09.2015
(22) 12.02.2015
(54) METHODS AND APPARATUS FOR ANALYSING EMBRYO DEVELOPMENT
(73) Unisense FertiliTech A/S
(72) PAARUP KYLLING, Anton
BERNTSEN, Jørgen
RAMSING, Niels
PORSGAARD, Søren
QVISTGAARD KAJHØJ, Tine
BERGHOLD KUHLMANN, Reidun
(31) 201404554
(32) 14.03.2014
(33) United Kingdom

(51) G06K 9/34
(11) EP2241999
(21) EP10155446.7
(47) 31.10.2018
(22) 04.03.2010
(54) Underline removal apparatus
(73) Hitachi Solutions, Ltd.
(72) Oba, Mitsuharu
(31) 2009096965
(32) 13.04.2009
(33) Japan

(51) G06K 9/40
G06T 5/00
H04N 1/409
(11) EP2691920
(21) EP12719026.2
(47) 31.10.2018
(87) GB2012050678
04.10.2012
(22) 27.03.2012
(54) IDENTIFYING AND CORRECTING ANOMALIES IN AN OPTICAL IMAGE
(73) Optos PLC
(72) CLIFTON, David
(31) 201105463
(32) 31.03.2011
(33) United Kingdom

(51) G06K 9/62
(11) EP2434435
(21) EP11182135.1
(47) 31.10.2018
(22) 21.09.2011
(54) Method and system for evaluation using probabilistic boosting trees
(73) Siemens Corporation
(72) Birbeck, Neil
Sofka, Michael
Zhou, Shaohua Kevin

(31) 385240 P
424715 P
201113228505
(32) 22.09.2010
20.12.2010
09.09.2011
(33) United States of America
United States of America
United States of America

(51) G06K 19/06
G01N 15/14
(11) EP2930662
(21) EP15162261.0
(47) 31.10.2018
(22) 01.04.2015
(54) BAR CODE HOLDER PARTICLE, PREPARATION AND USE
(73) Bundesrepublik Deutschland, vertreten durch den Bundesminister für Wirtschaft und Energie, dieser vertreten durch den Präsidenten der
(72) Beck, Dr. Uwe
(31) 102014005685
(32) 11.04.2014
(33) Germany

(51) G06K 19/07
H04B 1/59
H04B 5/02
H04B 1/18
H04B 1/04
H04B 1/24
(11) EP2956893
(21) EP14751913.6
(47) 31.10.2018
(87) JP2014052986
21.08.2014
(22) 04.02.2014
(54) AMPLIFIER CIRCUIT, ANTENNA MODULE, AND RADIO COMMUNICATION DEVICE
(73) Ricoh Company, Ltd.
(72) TSUJI, Masaaki
KAWAHATA, Koji
TSUKAMOTO, Nobunari
OTSUKI, Takashi
(31) 2013027730
2013050874
(32) 15.02.2013
13.03.2013
(33) Japan
Japan

(51) G06N 3/063
G06N 3/04
G06F 9/00
(11) EP3153997
(21) EP16192949.2
(47) 31.10.2018
(22) 07.10.2016
(54) NEURAL NETWORK UNIT WITH OUTPUT BUFFER FEEDBACK AND MASKING CAPABILITY
(73) VIA Alliance Semiconductor Co., Ltd.
(72) HENRY, G Glenn
PARKS, Terry
O'BRIEN, Kyle T.
(31) 201562239254 P
201562262104 P
201662299191 P
201615090801
201615090701
201615090705
201615090814
201615090829
(32) 08.10.2015
02.12.2015
24.02.2016
05.04.2016
05.04.2016
05.04.2016
05.04.2016
05.04.2016
(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
United States of America

(51) G06Q 10/00
H04M 3/523
H04M 3/42
H04M 3/428
H04M 7/12
(11) EP2748776
(21) EP12828641.6
(47) 31.10.2018
(87) US2012052330
07.03.2013
(22) 24.08.2012
(54) NETWORK PREDICTIVE CUSTOMER SERVICE QUEUE MANAGEMENT
(73) Five9, Inc.
(72) FRIED, Lance
KATZ, Joseph
KORFIN, Rick
(31) 201161527761 P
(32) 26.08.2011
(33) United States of America

(51) G06Q 10/10
G06F 9/50
(11) EP2277110
(21) EP08735215.9
(47) 31.10.2018
(87) EP2008002935
22.10.2009
(22) 14.04.2008
(54) DISTRIBUTED SERVICE FRAMEWORK
(73) Telecom Italia S.p.A.
(72) MANZALINI, Antonio
MOISO, Corrado

(51) G06Q 10/10
G06F 21/62
(11) EP1625691
(21) EP04785572.1
(47) 31.10.2018
(87) US2004015989
02.12.2004
(22) 21.05.2004
(54) SYSTEM AND METHOD FOR ELECTRONIC DOCUMENT SECURITY
(73) Ent. Services Development Corporation LP
(72) CUMMINS, Fred, A.
(31) 443448
(32) 21.05.2003
(33) United States of America

(51) G06Q 20/08
G06Q 20/20
G06Q 20/32
G06Q 20/38
G06Q 20/40
(11) EP2767944
(21) EP13425028.1
(47) 31.10.2018
(22) 15.02.2013
(54) Communications network, computer system, computer-implemented method, and computer program product for providing a femtocell-based infrastructure for mobile electronic payment
(73) Accenture Global Services Limited
(72) Capuozzo, Giuseppe
Onorato, Orlando
Imparato, Alessandro
d'Errico, Daniele
d'Angelo, Gianluca

(51) G06Q 20/36
G06K 19/06
G06Q 20/38
G06Q 20/32
(11) EP3033711
(21) EP15818818.5
(47) 31.10.2018
(87) US2015039327
14.01.2016
(22) 07.07.2015
(54) SYSTEM AND METHOD FOR A BASEBAND NEARFIELD MAGNETIC STRIPE DATA TRANSMITTER
(73) Samsung Electronics Co., Ltd.
(72) WALLNER, George
(31) 201414329130
(32) 11.07.2014
(33) United States of America

(51) G06Q 30/02
G06F 11/34
H04L 29/08
(11) EP3111399
(21) EP14884200.8
(47) 31.10.2018
(87) FI2014050140
03.09.2015
(22) 26.02.2014
(54) MEASUREMENT OF MULTI-SCREEN INTERNET USER PROFILES, TRANSACTIONAL BEHAVIORS AND STRUCTURE OF USER POPULATION THROUGH A HYBRID CENSUS AND USER BASED MEASUREMENT METHODOLOGY
(73) Verto Analytics OY
(72) VERKASALO, Hannu
MODZELEWSKI, Chris
MALMI, Eric

(51) G06Q 30/04
G06Q 50/06
H02J 3/14
H02J 13/00
(11) EP2567439
(21) EP11748595.3
(47) 31.10.2018
(87) EP2011061642
16.02.2012
(22) 08.07.2011

(54) METHOD FOR COMPUTER-AIDED CONTROL OF THE ELECTRICAL POWER CONSUMPTION OF A PLURALITY OF POWER CONSUMERS IN AN ELECTRICAL POWER GRID
(73) Siemens Aktiengesellschaft
(72) EGER, Kolja
GERDES, Christoph
VÖLKSEN, Gerd
(31) 102010033756
(32) 09.08.2010
(33) Germany

(51) G06Q 30/06
G06Q 30/08
H04W 48/18
(11) EP2145498
(21) EP08732484.4
(47) 31.10.2018
(87) US2008057507
25.09.2008
(22) 19.03.2008
(54) FLEXIBLE COMMUNICATION SYSTEMS AND METHODS
(73) Google LLC
(72) BALUJA, Shumeet
CHU, Michael
MATSUNO, Mayumi
(31) 688145
(32) 19.03.2007
(33) United States of America

(51) G06Q 50/00
G05B 23/02
G05B 15/02
G06Q 10/06
(11) EP2579202
(21) EP11786673.1
(47) 31.10.2018
(87) JP2011061971
01.12.2011
(22) 25.05.2011
(54) ENERGY-SAVING DIAGNOSTIC SYSTEM
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) SOGO, Tomoya
KAZUNO, Hiroki
(31) 2010119618
(32) 25.05.2010
(33) Japan

(51) G06T 1/00
(11) EP2017782
(21) EP08160532.1
(47) 31.10.2018
(22) 16.07.2008
(54) Information processing device, information embedding method, and program
(73) Ricoh Company, Ltd.
(72) Hara, Takayuki
Yagishita, Takahiro
(31) 2007187628
2008171634
(32) 18.07.2007
30.06.2008
(33) Japan
Japan

(51) G06T 1/20
(11) EP2858030
(21) EP14275205.4
(47) 31.10.2018
(22) 30.09.2014
(54) Performing a histogram using an array of addressable registers
(73) Mobileye Vision Technologies Ltd.
(72) Srebnik, Daniel
Dogon, Gil
(31) 201314043030
(32) 01.10.2013
(33) United States of America

(51) G06T 1/20
G06F 1/32
(11) EP2048570
(21) EP08006436.3
(47) 31.10.2018
(22) 31.03.2008
(54) Demand based power control in a graphics processing unit
(73) Qualcomm Incorporated
(72) Du, Yun
Yu, Chun
Jiao, Guofang
Molloy, Stephen
(31) 870597
(32) 11.10.2007
(33) United States of America

(51) G06T 3/00
(11) EP2728544
(21) EP13187348.1
(47) 31.10.2018
(22) 04.10.2013
(54) De-warping processing method for digital images
(73) Vivotek Inc.
(72) Wu, Jen-Chih
(31) 101140421
(32) 31.10.2012
(33) Taiwan, Province of China

(51) G06T 5/00
G06T 5/20
G06T 15/08
(11) EP2869261
(21) EP13405127.5
(47) 31.10.2018
(22) 04.11.2013
(54) Method for processing image data representing a three-dimensional volume
(73) Gyger, Cyrill
Maloca, Peter
(72) Gyger, Cyrill
Maloca, Peter

(51) G06T 5/00
G06T 5/40
G06T 7/00
(11) EP2936430
(21) EP13830102.3
(47) 31.10.2018
(87) IB2013060995
26.06.2014
(22) 16.12.2013
(54) QUANTITATIVE IMAGING
(73) Koninklijke Philips N.V.
(72) CARMI, Raz
(31) 201261739896 P
(32) 20.12.2012
(33) United States of America

(51) G06T 5/50
H04N 5/225
(11) EP3143583
(21) EP15807144.9
(47) 31.10.2018
(87) US2015035554
17.12.2015
(22) 12.06.2015
(54) SYSTEM AND METHOD FOR IMPROVED COMPUTATIONAL IMAGING
(73) Duke University
(72) BRADY, David, Jones
CARIN, Lawrence, L.
LIULL, Patrick, Ryan
YUAN, Xin
(31) 201462011129 P
(32) 12.06.2014
(33) United States of America

(51) G06T 7/00
A61B 5/026
A61B 5/0275
A61B 6/00
(11) EP2932469
(21) EP13824654.1
(47) 31.10.2018
(87) IB2013060294
19.06.2014
(22) 21.11.2013
(54) METHOD OF DETERMINING THE BLOOD FLOW THROUGH CORONARY ARTERIES
(73) Koninklijke Philips N.V.
(72) GRASS, Michael
SCHMITT, Holger
NICKISCH, Hannes
(31) 201261735624 P
(32) 11.12.2012
(33) United States of America

(51) G06T 7/00
G01V 5/04
G01N 23/00
E21B 47/00
E21B 49/00
G01N 23/046
(11) EP2359334
(21) EP09764136.9
(47) 31.10.2018
(87) US2009065401
27.05.2010
(22) 20.11.2009
(54) METHOD FOR DETERMINING ROCK PHYSICS RELATIONSHIPS USING COMPUTER TOMOGRAPHIC IMAGES THEREOF
(73) Halliburton Energy Services, Inc.
(72) DVORKIN, Jack
DERZHI, Naum
ARMBRUSTER, Meghan
FANG, Qian
WOJCIK, Zbigniew
(31) 276430
(32) 24.11.2008
(33) United States of America

(51) G06T 7/20
A61B 5/00
(11) EP2583248
(21) EP11795279.6
(47) 31.10.2018

(87) IB2011052615
22.12.2011
(22) 16.06.2011
(54) A METHOD AND A SYSTEM FOR MONITORING OF SLEEP AND OTHER PHYSIOLOGICAL CONDITIONS
(73) Card Guard Scientific Survival Ltd.
(72) GEVA, Nir
GEVA, Yacov
TAL, Benny
(31) 355641 P
(32) 17.06.2010
(33) United States of America

(51) G06T 7/44
G06T 7/00
(11) EP2462561
(21) EP10754771.3
(47) 31.10.2018
(87) GB2010001472
10.02.2011
(22) 03.08.2010
(54) A METHOD AND SYSTEM FOR ANALYSING TISSUE FROM IMAGES
(73) Volpara Health Technologies Limited
(72) HIGHNAM, Ralph
BRADY, John Michael
KARSSEMEIJER, Nico
YAFFE, Martin
(31) 57876309
57876409
58439710
(32) 03.08.2009
03.08.2009
01.04.2010
(33) New Zealand
New Zealand
New Zealand

(51) G06T 7/507
(11) EP2807632
(21) EP13704559.7
(47) 31.10.2018
(87) EP2013051255
01.08.2013
(22) 23.01.2013
(54) ADAPTIVE MULTI-DIMENSIONAL DATA DECOMPOSITION
(73) QdepQ Systems B.V.
(72) LENSEIGNE, Boris Arnold Jean
VAN BREDA, Eelko Christiaan Cornelis
JONKER, Petrus Paulus
(31) 201201230
(32) 25.01.2012
(33) United Kingdom

(51) G06T 7/62
(11) EP3243187
(21) EP15817195.9
(47) 31.10.2018
(87) EP2015079916
14.07.2016
(22) 16.12.2015
(54) METHOD FOR DETERMINING THE SHORT AXIS IN A LESION REGION IN A THREE DIMENSIONAL MEDICAL IMAGE
(73) Agfa Healthcare
(72) OUJI, Asma
DE WITTE, Yoni
(31) 15150133
(32) 06.01.2015
(33) European Patent Office (EPO)

(51) G06T 7/73
(11) EP3229208
(21) EP16206592.4
(47) 31.10.2018
(22) 23.12.2016
(54) CAMERA POSE ESTIMATION
(73) The Boeing Company
(72) CRIVELLA, Michelle
FREEMAN, Philip
(31) 201615093453
(32) 07.04.2016
(33) United States of America

(51) G06T 11/00
(11) EP2718870
(21) EP12796784.2
(47) 31.10.2018
(87) US2012040654
13.12.2012
(22) 04.06.2012
(54) MOTION-BLURRED IMAGING ENHANCEMENT METHOD AND SYSTEM
(73) Varian Medical Systems, Inc.
(72) STAR-LACK, Josh
SUN, Mingshan
(31) 201113154465
(32) 07.06.2011
(33) United States of America

(51) G06T 11/00
(11) EP3100240
(21) EP14880818.1
(47) 31.10.2018
(87) US2014014223
06.08.2015
(22) 31.01.2014
(54) EVALUATION OF AUGMENTED REALITY SKINS
(73) Empire Technology Development LLC
(72) UR, Shmuel

(51) G06T 11/00
(11) EP3170148
(21) EP15738349.8
(47) 31.10.2018
(87) EP2015066222
21.01.2016
(22) 16.07.2015
(54) ITERATIVE RECONSTRUCTION METHOD FOR SPECTRAL, PHASE-CONTRAST IMAGING
(73) Koninklijke Philips N.V.
(72) ROESSL, Ewald
KOEHLER, Thomas
(31) 14177420
(32) 17.07.2014
(33) European Patent Office (EPO)

(51) G06T 11/00
A61B 6/03
A61B 6/00
G01T 1/29
(11) EP3025310
(21) EP14759285.1
(47) 31.10.2018
(87) IB2014062846
29.01.2015
(22) 04.07.2014
(54) HYBRID (SPECTRAL/NON-SPECTRAL) IMAGING DETECTOR ARRAY AND CORRESPONDING PROCESSING ELECTRONICS
(73) Koninklijke Philips N.V.
(72) PROKSA, Roland
(31) 201361857258 P
(32) 23.07.2013
(33) United States of America

(51) G06T 11/00
G06T 15/50
A61B 6/03
(11) EP2389663
(21) EP09805864.7
(47) 31.10.2018
(87) IB2009055952
29.07.2010
(22) 23.12.2009
(54) PIXEL-FEATURE HYBRID FUSION FOR PET/CT IMAGES
(73) Koninklijke Philips N.V.
(72) ZHU, Yang-Ming
NORTMANN, Charles, A.
(31) 146331 P
(32) 22.01.2009
(33) United States of America

(51) G06T 13/00
(11) EP2047432
(21) EP07813320.4
(47) 31.10.2018
(87) US2007074280
14.02.2008
(22) 24.07.2007
(54) FRAMEWORK FOR GRAPHICS ANIMATION AND COMPOSITING OPERATIONS
(73) Apple Inc.
(72) BRUNNER, Ralph
HARPER, John
GRAFFAGNINO, Peter, N.
(31) 500154
756331
(32) 04.08.2006
31.05.2007
(33) United States of America
United States of America

(51) G06T 15/20
G06T 19/00
G06T 7/292
G06T 7/20
G06T 15/00
H04N 5/222
(11) EP2943934
(21) EP13834321.5
(47) 31.10.2018
(87) DE2013000670
15.05.2014
(22) 11.11.2013
(54) METHOD FOR RECORDING AND PLAYING BACK A SEQUENCE OF EVENTS
(73) GoalControl GmbH
(72) BEAUJEAN, René
LINDNER, Björn
PHILIPPS, Jürgen
(31) 102012021893
(32) 09.11.2012
(33) Germany

(51) G06T 15/50
(11) EP3211601
(21) EP16305221.0
(47) 31.10.2018
(22) 25.02.2016
(54) RENDERING THE GLOBAL ILLUMINATION OF A 3D SCENE
(73) Dassault Systèmes
(72) LAURENT, Gilles
DELALANDRE, Cyril
De La RIVIERE, Grégoire
BOUBEKEUR, Tamy

(51) G06T 19/00
G02B 27/01
(11) EP3020027
(21) EP14750635.6
(47) 31.10.2018
(87) JP2014003654
15.01.2015
(22) 09.07.2014
(54) HEAD MOUNTED DISPLAY DEVICE AND CONTROL METHOD FOR HEAD MOUNTED DISPLAY DEVICE
(73) Seiko Epson Corporation
(72) KOBAYASHI, Shinichi
UCHIYAMA, Toshikazu
WAKAMIYA, Hitomi
(31) 2013145644
2014065567
(32) 11.07.2013
27.03.2014
(33) Japan
Japan

(51) G06T 19/00
G06T 7/73
(11) EP2279500
(21) EP09723819.0
(47) 31.10.2018
(87) EP2009002236
01.10.2009
(22) 26.03.2009
(54) COMPOSITE IMAGE GENERATING SYSTEM, OVERLAYING CONDITION DETERMINING METHOD, IMAGE PROCESSING APPARATUS, AND IMAGE PROCESSING PROGRAM
(73) Apple Inc.
(72) ALT, Thomas
MEIER, Peter
OOKURA, Masahiro
EBLE, Tobias
(31) 2008082886
(32) 27.03.2008
(33) Japan

(51) G06T 19/00
G06T 15/20
G06T 3/40
B60R 1/00
G03B 37/04
(11) EP2192552
(21) EP09169574.2
(47) 31.10.2018
(22) 07.09.2009
(54) Image processing apparatus, image processing method, and recording medium
(73) FUJITSU LIMITED
(72) Gomi, Toshiaki
Shimizu, Seiya
Yamada, Hiroshi
(31) 2008305018
(32) 28.11.2008
(33) Japan

(51) G07D 7/128
H04M 1/725
G07D 7/207
G07D 7/20
(11) EP2724322
(21) EP12731591.9
(47) 31.10.2018
(87) FR2012051413
27.12.2012
(22) 21.06.2012
(54) METHOD AND APPARATUS OF AUTHENTICATING A LABEL
(73) Advanced Track & Trace
(72) MASSICOT, Jean-Pierre
SAGAN, Zbigniew
FOUCOU, Alain
(31) 1155470
1155472
(32) 21.06.2011
21.06.2011
(33) France
France

(51) G07D 7/2033
G07D 7/202
(11) EP2294558
(21) EP09769444.2
(47) 31.10.2018
(87) FR2009000608
30.12.2009
(22) 26.05.2009
(54) METHOD AND DEVICE FOR IDENTIFYING A DOCUMENT PRINTING PLATE
(73) Advanced Track & Trace
(72) SAGAN, Zbigniew
FOUCOU, Alain
MASSICOT, Jean-Pierre
(31) 0803036
(32) 02.06.2008
(33) France

(51) G07D 9/00
(11) EP2897105
(21) EP14151757.3
(47) 31.10.2018
(22) 20.01.2014
(54) Apparatus for handling coins and method of controlling such a device with variable transport belt speed
(73) Wincor Nixdorf International GmbH
(72) Reiter, Daniel
Koy, Gerhard
Reinus, Artjom

(51) G07D 11/00
B65B 25/14
(11) EP2994897
(21) EP14732383.6
(47) 31.10.2018
(87) IB2014061304
13.11.2014
(22) 08.05.2014
(54) DEVICE FOR OPTIMISING THE FILLING OF BAGS FOR CONTAINING BANKNOTES
(73) CIMA S.p.A.
(72) RAZZABONI, Nicoletta
RAZZABONI, Vittorio
(31) MI20130753
(32) 09.05.2013
(33) Italy

(51) G07F 7/00
G07F 17/10
G07B 15/00
B62H 5/00
(11) EP2093718
(21) EP09290123.0
(47) 31.10.2018
(22) 19.02.2009
(54) Parking management system and method
(73) Tracetel
(72) Benamara, Raouf
Emery, Jean
(31) 0800895
(32) 19.02.2008
(33) France

(51) G07G 1/00
A47F 9/04
(11) EP2466559
(21) EP11007940.7
(47) 31.10.2018
(22) 30.09.2011
(54) Goods recording device for self-service checkout systems
(73) Wincor Nixdorf International GmbH
(72) Baitz, Günter
Schiller, Gerhard
(31) 102010061365
(32) 20.12.2010
(33) Germany

(51) G08B 5/22
H04L 29/08
G01D 21/00
H02J 1/00
(11) EP2100280
(21) EP07869592.1
(47) 31.10.2018
(87) US2007088276
03.07.2008
(22) 20.12.2007
(54) SYSTEM AND METHOD FOR PROVIDING POWER MANAGEMENT IN A SENSOR NETWORK
(73) Rockstar Consortium US LP
(72) VEZZA, Brian
FELSKE, Kent
GRAVES, Alan
WATKINS, John
DUXBURY, Guy
CHMARA, Thomas
FITCHETT, Jeff
(31) 613313
(32) 20.12.2006
(33) United States of America

(51) G08B 13/14
B60R 25/10
(11) EP2698772
(21) EP13001181.0
(47) 31.10.2018
(22) 09.03.2013
(54) Circuit assembly for theft detection for hybrid components
(73) MAN Truck & Bus AG
(72) Schleufe, Stefan

Megerle, Thomas
Soboll, Stefan
(31) 102012016053
(32) 14.08.2012
(33) Germany

(51) G08B 13/196
G06T 7/20
(11) EP2984639
(21) EP14717709.1
(47) 31.10.2018
(87) EP2014056781
16.10.2014
(22) 04.04.2014
(54) DEVICE AND METHOD FOR THE 3D VIDEO MONITORING OF OBJECTS OF INTEREST
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) DHOME, Yoann
SAYD, Patrick
(31) 1353280
(32) 11.04.2013
(33) France

(51) G08B 13/24
H04B 15/00
G06K 7/10
E05B 73/00
G06K 19/077
G06K 19/07
H04B 15/02
(11) EP3123456
(21) EP15768296.4
(47) 31.10.2018
(87) FI2015050140
01.10.2015
(22) 05.03.2015
(54) AN ARRANGEMENT, SYSTEM AND METHOD FOR REDUCING THE EFFECT OF INTERFERENCE AT RADIO FREQUENCIES IN AN ELECTRONIC PRICE LABEL SYSTEM
(73) MariElla Labels Oy
(72) MAUNULA, Vesa
(31) 20145278
(32) 26.03.2014
(33) Finland

(51) G08B 21/02
G08B 25/00
H04N 5/225
(11) EP2815389
(21) EP13749128.8
(47) 31.10.2018
(87) US2013025116
22.08.2013
(22) 07.02.2013
(54) SYSTEMS AND METHODS FOR PROVIDING EMERGENCY RESOURCES
(73) Elerts Corporation
(72) ENGLISH, Edward
(31) 201261600143 P
(32) 17.02.2012
(33) United States of America

(51) G08C 17/00
H01Q 1/27
H01Q 1/48
H04B 13/00
A61B 5/00
A61B 5/024
A61B 5/0402
A61B 5/0488
A61B 5/01
A61B 5/02
A61B 5/053
(11) EP2859839
(21) EP14170246.4
(47) 31.10.2018
(22) 28.05.2014
(54) Wearable body sensor and system including the same
(73) Samsung Electronics Co., Ltd
(72) Lee, Jae Chun
Hong, Won Bin
Ko, Byung Hoon
Kim, Byung Chul
Kim, Young Soo
Kim, Yoon Geon
Lee, Young Ju
Lee, Jae Chun
(31) 20130121675
(32) 14.10.2013
(33) Korea (Republic)

(51) G08C 17/02
(11) EP3111436
(21) EP15708942.6
(47) 31.10.2018
(87) US2015015628
03.09.2015
(22) 12.02.2015
(54) A USER GENERATED VIRTUAL ROOM-BASED USER INTERFACE
(73) Savant Systems LLC
(72) MADONNA, Robert P.
SILVA, Michael C.
CIPOLLO, Nicholas J.
HAMM, Andrew R.
(31) 201414190984
(32) 26.02.2014
(33) United States of America

(51) G08G 1/0962
G08G 1/0967
(11) EP2919215
(21) EP15162273.5
(47) 31.10.2018
(22) 26.12.2008
(54) DRIVE SUPPORT DEVICE
(73) Toyota Jidosha Kabushiki Kaisha
(72) Yamada, Yuki

(51) G08G 1/16
B60R 21/00
B60T 7/12
B60W 30/08
(11) EP2743901
(21) EP11870827.0
(47) 31.10.2018
(87) JP2011068298
14.02.2013
(22) 10.08.2011
(54) DRIVING ASSISTANCE DEVICE
(73) Toyota Jidosha Kabushiki Kaisha
(72) NAGATA Shinichi

(51) G08G 1/16
B60W 40/08
B60W 50/08
(11) EP3128498
(21) EP14887976.0
(47) 31.10.2018
(87) JP2014059732
08.10.2015
(22) 02.04.2014
(54) VEHICULAR INFORMATION PRESENTATION APPARATUS
(73) Nissan Motor Co., Ltd
(72) EBINA, Akihiko

(51) G08G 5/02
G05D 1/06
B64D 45/04
(11) EP2960888
(21) EP15172234.5
(47) 31.10.2018
(22) 16.06.2015
(54) A METHOD FOR FACILITATING THE APPROACH TO A PLATFORM
(73) Airbus Helicopters
(72) CANALE, Nicolas
IRAUDO, Lionel
(31) 1401433
(32) 26.06.2014
(33) France

(51) G09B 23/28
(11) EP2243129
(21) EP09700496.4
(47) 31.10.2018
(87) NO2009000011
16.07.2009
(22) 09.01.2009
(54) A DEVICE FOR SIMULATING VARIABLE LUNG COMPLIANCE
(73) Laerdal Medical AS
(72) MESTAD, Einar
EGELANDSDAL, Einar
GOMO, Øystein
(31) 20080206
6439 P
(32) 11.01.2008
14.01.2008
(33) Norway
United States of America

(51) G09B 23/28
G09B 23/30
(11) EP3195293
(21) EP14809970.8
(47) 31.10.2018
(87) IB2014001826
24.03.2016
(22) 15.09.2014
(54) THREE-DIMENSIONAL MODEL AND METHOD FOR TRAINING PITUITARY GLAND SURGERY AND METHOD FOR EVALUATING THE RESULT THEREOF
(73) Kantonsspital St. Gallen
(72) FOURNIER, Jean-Yves
TASMAN, Abel-Jan

(51) G09B 23/30
G09B 23/32
G09B 23/34
A61B 17/00
(11) EP2756494
(21) EP12762172.0
(47) 31.10.2018
(87) US2012055141
21.03.2013
(22) 13.09.2012
(54) ENDOVASCULAR SURGERY SIMULATOR WITH HEMODYNAMIC

FUNCTION AND CORRESPONDING SIMULATION METHOD
(73) Medtronic, Inc
(72) CHRISTENSEN, Dean
MORROW, Joseph
TABOR, Charles
(31) 201161533853 P
(32) 13.09.2011
(33) United States of America

(51) G09B 29/00
G09B 29/10
G01C 21/30
G08G 1/16
(11) EP2541196
(21) EP11747228.2
(47) 31.10.2018
(87) JP2011053262
01.09.2011
(22) 16.02.2011
(54) NAVIGATION DEVICE AND METHOD WITH FUNCTION OF ESTIMATING POSITION WITHIN TUNNEL
(73) Clarion Co., Ltd.
(72) MATSUO, Shigeru
TANAKA, Katsuaki
(31) 2010038103
(32) 24.02.2010
(33) Japan

(51) G09C 1/00
(11) EP2660796
(21) EP10861408.2
(47) 31.10.2018
(87) JP2010073620
05.07.2012
(22) 27.12.2010
(54) ARITHMETICAL DEVICE, ARITHMETICAL DEVICE ELLIPTICAL SCALAR MULTIPLICATION METHOD AND ELLIPTICAL SCALAR MULTIPLICATION PROGRAM, ARITHMETICAL DEVICE MULTIPLICATIVE OPERATION METHOD AND MULTIPLICATIVE OPERATION PROGRAM, AS WELL AS ARITHMETICAL DEVICE ZERO DETERMINATION METHOD AND ZERO DETERMINATION PROGRAM
(73) Mitsubishi Electric Corporation
(72) NAITO, Yusuke
SAKAI, Yasuyuki

(51) G09C 1/00
G06F 7/08
G06F 21/60
(11) EP3096309
(21) EP15737156.8
(47) 31.10.2018
(87) JP2015050230
23.07.2015
(22) 07.01.2015
(54) SECRET CALCULATION METHOD, SECRET CALCULATION SYSTEM, SORTING DEVICE, AND PROGRAM
(73) Nippon Telegraph And Telephone Corporation
(72) IKARASHI, Dai
HAMADA, Koki
KIKUCHI, Ryo
CHIDA, Koji
(31) 2014006334
(32) 17.01.2014
(33) Japan

(51) G09C 1/00
H04L 9/00
G06K 19/073
H04K 3/00
(11) EP3211626
(21) EP16181835.6
(47) 31.10.2018
(22) 29.07.2016
(54) ELECTROMAGNETIC JAMMING FOR INTEGRATED CIRCUIT PROCESS AND DEVICE
(73) STMicroelectronics (Rousset) SAS
(72) ORDAS, Thomas
SARAFIANOS, Alexandre
CHESNAIS, Stéphane
MARINET, Fabrice
(31) 1651552
(32) 25.02.2016
(33) France

(51) G09F 3/02
B29C 45/14
B29C 45/27
B29C 45/00
(11) EP2561503
(21) EP11772710.7
(47) 31.10.2018
(87) US2011033434
27.10.2011
(22) 21.04.2011
(54) DETECTABLE SIGNAGE APPARATUS AND METHOD OF MAKING THE SAME
(73) Lomont Molding, Inc.
(72) WATSON, Virgil Allen
BENDER, Jason
FRANK, Carl
(31) 904470
766286
(32) 14.10.2010
23.04.2010
(33) United States of America
United States of America

(51) G09F 3/03
(11) EP3057081
(21) EP15154969.8
(47) 31.10.2018
(22) 13.02.2015
(54) Safety lock
(73) Confidex Oy
(72) Ritamäki, Matti
Ahokas, Heikki

(51) G09F 9/33
G09F 21/04
G09F 27/00
(11) EP2724335
(21) EP11868462.0
(47) 31.10.2018
(87) US2011050598
03.01.2013
(22) 07.09.2011
(54) DISPLAY DEVICE FOR TRANSPORTATION VEHICLE
(73) Luminator Holding, L.P.
(72) SAFAVI, Ramin
ZHOU, Xiaoping
GAO, Zhicun
TAYLOR, Larry
(31) 201113169911
(32) 27.06.2011
(33) United States of America

(51) G09G 3/32
G09G 3/20
G02F 1/13357
F21V 23/00
H05B 33/08
(11) EP2923353
(21) EP12888876.5
(47) 31.10.2018
(87) CN2012087929
30.05.2014
(22) 28.12.2012
(54) AUTOMATIC COLOR ADJUSTMENT ON LED VIDEO SCREEN
(73) Lighthouse Technologies Limited
Lighthouse Technologies (Huizhou) Ltd.
(72) KIKKAWA, Shinsaku
CHAN, Kui Lai Curie
(31) 201213683774
(32) 21.11.2012
(33) United States of America

(51) G09G 3/3233
G09G 3/3291
G09G 3/3275
(11) EP2747066
(21) EP13193410.1
(47) 31.10.2018
(22) 19.11.2013
(54) Organic light emitting display device and method of driving the same
(73) LG Display Co., Ltd.
(72) Woo, Kyoung Don
Kim, Nari
Jung, Jae hoon
(31) 20120151218
(32) 21.12.2012
(33) Korea (Republic)

(51) G09G 5/02
(11) EP3021315
(21) EP15166453.9
(47) 31.10.2018
(22) 05.05.2015
(54) AMBIENT LIGHT ADAPTIVE DISPLAYS
(73) Apple Inc.
(72) Wu, Jiaying
Zhang, Lu
Chen, Cheng
Marcu, Gabriel
Wang, Chaohao
Motta, Ricardo
Chen, Wei
Zhong, John Z.
Xu, Ming
(31) 201462080934 P
201514673685
(32) 17.11.2014
30.03.2015
(33) United States of America
United States of America

(51) G09G 5/14
H04N 1/00
H04N 21/8549
(11) EP2573758
(21) EP12185157.0
(47) 31.10.2018

(22) 20.09.2012
(54) Method and apparatus for displaying summary video
(73) Samsung Electronics Co., Ltd.
(72) Waikhom, Singh Bimolchand
Bang, Hyo-sang
Seung, Jung-ah
(31) 201161536671 P
20110133050
(32) 20.09.2011
12.12.2011
(33) United States of America
Korea (Republic)

(51) G09G 5/36
G06T 15/00
G06T 1/20
G09G 5/393
G09G 5/00
(11) EP2757551
(21) EP14151113.9
(47) 31.10.2018
(22) 14.01.2014
(54) Serialized access to graphics resources
(73) Intel Corporation
(72) Janczak, Tomasz
Lefohn, Aaron
Salvi, Marco
Seiler, Larry
(31) 201361753254 P
201314102855
(32) 16.01.2013
11.12.2013
(33) United States of America
United States of America

(51) G10H 1/40
G10H 1/36
G10L 25/48
G10L 21/0208
(11) EP2962299
(21) EP13876530.0
(47) 31.10.2018
(87) IB2013051599
04.09.2014
(22) 28.02.2013
(54) AUDIO SIGNAL ANALYSIS
(73) Nokia Technologies OY
(72) ERONEN, Antti Johannes
CURCIO, Igor Danilo Diego
LEPPÄNEN, Jussi Artturi
HELANDER, Elina Elisabet
POPA, Victor
MAHKONEN, Katariina Jutta
VIRTANEN, Tuomas Oskari

(51) G10K 11/172
E01B 19/00
(11) EP2945153
(21) EP15167139.3
(47) 31.10.2018
(22) 11.05.2015
(54) RAIL ACOUSTIC ATTENUATOR DEVICE
(73) Pregymix S.r.l.
Lancia, Andrea
(72) Lancia, Andrea
Lancia, Alessandro
(31) AQ20140005
(32) 14.05.2014
(33) Italy

(51) G10L 15/22
G10L 15/08
G10L 25/78
G10L 17/02
(11) EP3157003
(21) EP14894647.8
(47) 31.10.2018
(87) CN2014085066
17.12.2015
(22) 22.08.2014
(54) TERMINAL CONTROL METHOD AND DEVICE, VOICE CONTROL DEVICE AND TERMINAL
(73) ZTE Corporation
(72) JIANG, Zhifeng
(31) 201410256788
(32) 11.06.2014
(33) China

(51) G10L 15/28
(11) EP2207164
(21) EP10075102.3
(47) 31.10.2018
(22) 30.07.2008
(54) Apparatus for providing language translation and avatar simulating human attributes, and method thereof
(73) Kopin Corporation
(72) Jacobsen, Jeffrey J
Pombo, Stephen A
(31) 962686 P
966704 P
994989 P
152462
(32) 31.07.2007
29.08.2007
24.09.2007
14.05.2008
(33) United States of America
United States of America
United States of America
United States of America

(51) G10L 15/32
G10L 15/30
(11) EP2930716
(21) EP15162637.1
(47) 31.10.2018
(22) 07.04.2015
(54) SPEECH RECOGNITION USING ELECTRONIC DEVICE AND SERVER
(73) Samsung Electronics Co., Ltd
(72) Jung, Seok Yeong
Kim, Kyung Tae
(31) 201461976142 P
20150038857
(32) 07.04.2014
20.03.2015
(33) United States of America
Korea (Republic)

(51) G10L 19/008
G10L 19/02
(11) EP2904609
(21) EP13773699.7
(47) 31.10.2018
(87) EP2013070533
10.04.2014
(22) 02.10.2013
(54) ENCODER, DECODER AND METHODS FOR BACKWARD COMPATIBLE MULTI-RESOLUTION SPATIAL-AUDIO-OBJECT-CODING
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) DISCH, Sascha
FUCHS, Harald
PAULUS, Jouni
TERENTIV, Leon
HELLMUTH, Oliver
HERRE, Jürgen
(31) 201261710128 P
13167485
(32) 05.10.2012
13.05.2013
(33) United States of America
European Patent Office (EPO)

(51) G10L 19/008
G10L 19/04
G10L 19/022
(11) EP2947653
(21) EP15176778.7
(47) 31.10.2018
(22) 23.03.2011
(54) MULTI-CHANNEL AUDIO CODING USING COMPLEX PREDICTION AND WINDOW SHAPE INFORMATION
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
Dolby International AB
(72) Purnhagen, Heiko
Carlsson, Pontus
Villemoes, Lars
Robilliard, Julien
Neusinger, Matthias
Helmrich, Christian
Hilpert, Johannes
Rettelbach, Nikolaus
Disch, Sascha
Edler, Bernd
(31) 322688 P
363906 P
10169432
(32) 09.04.2010
13.07.2010
13.07.2010
(33) United States of America
United States of America
European Patent Office (EPO)

(51) G10L 19/02
G10L 19/18
G10L 19/06
G10L 19/022
G10L 19/12
(11) EP2524374
(21) EP11732606.6
(47) 31.10.2018
(87) CA2011000040
21.07.2011
(22) 13.01.2011
(54) AUDIO DECODING WITH FORWARD TIME-DOMAIN ALIASING CANCELLATION USING LINEAR-PREDICTIVE FILTERING
(73) VoiceAge Corporation
(72) BESSETTE, Bruno
(31) 294688 P
(32) 13.01.2010
(33) United States of America

(51) G10L 19/032
(11) EP2917909
(21) EP13785889.0
(47) 31.10.2018
(87) EP2013072961
15.05.2014
(22) 04.11.2013
(54) REDUCED COMPLEXITY CONVERTER SNR CALCULATION
(73) Dolby International AB
Dolby Laboratories Licensing Corporation
(72) SCHUG, Michael
WILLIAMS, Phillip
(31) 201261723687 P
(32) 07.11.2012
(33) United States of America

(51) G10L 19/24
G10L 19/02
G10L 21/038
(11) EP2239731
(21) EP09704209.7
(47) 31.10.2018
(87) JP2009000262
30.07.2009
(22) 23.01.2009
(54) ENCODING DEVICE, DECODING DEVICE, AND METHOD THEREOF
(73) III Holdings 12, LLC
(72) YAMANASHI, Tomofumi
OSHIKIRI, Masahiro
(31) 2008015650
2008129711
(32) 25.01.2008
16.05.2008
(33) Japan
Japan

(51) G10L 21/0308
G10L 19/008
(11) EP3172731
(21) EP15748120.1
(47) 31.10.2018
(87) US2015041765
28.01.2016
(22) 23.07.2015
(54) AUDIO OBJECT EXTRACTION WITH SUB-BAND OBJECT PROBABILITY ESTIMATION
(73) Dolby Laboratories Licensing Corporation
(72) CHEN, Lianwu
LU, Lie
(31) 201410372867
201462037748 P
(32) 25.07.2014
15.08.2014
(33) China
United States of America

(51) G10L 21/0332
G10L 21/0388
G10L 19/00
(11) EP3211639
(21) EP15851770.6
(47) 31.10.2018
(87) JP2015075284
28.04.2016
(22) 07.09.2015
(54) DIGITAL SOUND PROCESSING DEVICE, DIGITAL SOUND PROCESSING METHOD, DIGITAL SOUND PROCESSING PROGRAM
(73) JVC Kenwood Corporation
(72) YASURA, Sadahiro
(31) 2014215912
2015129580
(32) 23.10.2014
29.06.2015
(33) Japan
Japan

(51) G11B 20/00
G06F 21/00
(11) EP2254117
(21) EP09006837.0
(47) 31.10.2018
(22) 20.05.2009
(54) Method for copy protection
(73) Sony DADC Austria AG
(72) Winter, Andreas
Grünberger, Jürgen
Spitzlinger, Markus
Holzapfel, Klaus

(51) G11B 27/36
G11B 20/18
G11B 19/04
(11) EP2108144
(21) EP08713248.6
(47) 31.10.2018
(87) US2008000934
07.08.2008
(22) 23.01.2008
(54) DIGITAL MEDIA DRIVE FAILURE PREDICTION SYSTEM AND METHOD
(73) Hewlett-Packard Development Company, L.P.
(72) DOUGHERTY, Michael, J.
PATEL, Chandrakant
(31) 700482
(32) 31.01.2007
(33) United States of America

(51) G11C 16/28
G11C 11/56
G11C 16/08
G11C 16/26
G11C 7/06
(11) EP2831885
(21) EP13767473.5
(47) 31.10.2018
(87) US2013032543
03.10.2013
(22) 15.03.2013
(54) NON-VOLATILE MEMORY DEVICE WITH CURRENT INJECTION SENSING AMPLIFIER
(73) Silicon Storage Technology Inc.
(72) ZHOU, Yao
QIAN, Xiaozhou
BAI, Ning
(31) 201210089957
(32) 30.03.2012
(33) China

(51) G11C 16/30
G11C 16/08
H03K 3/356
G11C 5/14
G11C 8/08
(11) EP3107106
(21) EP15172890.4
(47) 31.10.2018
(22) 19.06.2015
(54) VOLTAGE DRIVER CIRCUIT FOR FLASH MEMORY DEVICES
(73) NXP B.V.
(72) Storms, Maurits
Ostertun, Soenke
Cevela, Frantisek

(51) G11C 27/02
G11C 27/04
G11C 19/18
G06G 7/26
(11) EP2198429
(21) EP08801788.4
(47) 31.10.2018
(87) EP2008007155
09.04.2009
(22) 02.09.2008
(54) FAST READOUT METHOD AND SWITCHED CAPACITOR ARRAY CIRCUITRY FOR WAVEFORM DIGITIZING
(73) Paul Scherrer Institut PSI
(72) RITT, Stefan
DINAPOLI, Roberto
(31) 07019247
(32) 01.10.2007
(33) European Patent Office (EPO)

(51) G11C 27/02
H03M 1/12
H03K 3/42
G02F 7/00
G02B 6/125
G02B 6/28
G02B 6/12
G11C 13/04
(11) EP2660821
(21) EP12167613.4
(47) 31.10.2018
(22) 11.05.2012
(54) Sampling device with time-interleaved optical clocking
(73) Rohde & Schwarz GmbH & Co. KG
(72) Landolt, Oliver
(31) 12166132
(32) 30.04.2012
(33) European Patent Office (EPO)

(51) G11C 29/00
(11) EP3092649
(21) EP14824661.4
(47) 31.10.2018
(87) US2014069984
16.07.2015
(22) 12.12.2014
(54) REAL TIME CORRECTION OF BIT FAILURE IN RESISTIVE MEMORY
(73) Qualcomm Incorporated
(72) KIM, Taehyun
KIM, Sungryul
KIM, Jung Pill
(31) 201414150559
(32) 08.01.2014
(33) United States of America

(51) G12B 17/02
H05K 9/00
C12M 1/00
(11) EP3175460
(21) EP15827452.2

(47) 31.10.2018
(87) HU2015000060
04.02.2016
(22) 29.07.2015
(54) SHIELDING DEVICE TO REDUCE THE IMPACT OF ELECTROMAGNETIC RADIATION
(73) Juhászné Molnár, Marianna
Juhász, János
(72) Juhászné Molnár, Marianna
Juhász, János
(31) 1400170 U
(32) 01.08.2014
(33) Hungary

(51) G16H 40/63
G06F 3/0482
G06F 3/0484
G06T 19/00
G16H 50/50
G06T 15/08
(11) EP2779004
(21) EP14160217.7
(47) 31.10.2018
(22) 17.03.2014
(54) Pathway planning system and method
(73) Covidien LP
(72) Baker, Matt W.
(31) 201313839224
(32) 15.03.2013
(33) United States of America

(51) G21G 4/06
(11) EP2724345
(21) EP12733350.8
(47) 31.10.2018
(87) US2012043950
27.12.2012
(22) 25.06.2012
(54) A method of manufacturing a gamma radiation source
(73) Source Production & Equipment Co., Inc.
(72) MUNRO, John, J.
SCHEHR, Kevin, J.
(31) 201161500227 P
(32) 23.06.2011
(33) United States of America

(51) H01B 1/06
H01B 1/02
C01B 19/04
C03C 17/10
C30B 29/46
(11) EP2955722
(21) EP15170360.0
(47) 31.10.2018
(22) 02.06.2015
(54) ELECTRICALLY CONDUCTIVE THIN FILMS
(73) Samsung Electronics Co., Ltd
(72) Kim, Sang II
Kim, Se Yun
Moon, Kyoung-Seok
Hwang, Sung Woo
Son, Yoon Chul
Lee, Hyosug
(31) 20140071059
(32) 11.06.2014
(33) Korea (Republic)

(51) H01B 1/20
(11) EP2082405
(21) EP07864655.1
(47) 31.10.2018
(87) US2007085219
29.05.2008
(22) 20.11.2007
(54) THERMALLY REGULATED ELECTRICALLY CONDUCTING COMPOSITIONS
(73) SABIC Global Technologies B.V.
(72) BANDYOPADHYAY, Sumanda (NMN)
GHOSH, Soumayadeb
MERCX, Franciscus Petrus Maria
RAMYA, Kumaraswamy (NMN)
SHETTY, Surchetana
(31) 866492 P
(32) 20.11.2006
(33) United States of America

(51) H01B 3/56
H01B 3/24
H01B 19/04
(11) EP3230987
(21) EP15816415.2
(47) 31.10.2018
(87) EP2015079613
16.06.2016
(22) 14.12.2015
(54) APPARATUS FOR THE GENERATION, DISTRIBUTION AND/OR USAGE OF ELECTRICAL ENERGY AND COMPONENT FOR SUCH AN APPARATUS
(73) ABB Technology AG
(72) DI-GIANNI, Anna
BERGSBLOM, Malena
PAUL, Thomas, Alfred
MANTILLA FLOREZ, Javier
BÜRGLER, Mathias
COSSALTER, Oliver
GROB, Stephan
(31) PCT/EP2014/003345
(32) 12.12.2014
(33) World Intellectual Property Office (WIPO)

(51) H01B 13/02
H01B 13/08
(11) EP2808875
(21) EP14169294.7
(47) 31.10.2018
(22) 21.05.2014
(54) Integrated wire cable twisting, wrapping, and testing apparatus and method of operating same
(73) Delphi Technologies, Inc.
(72) McLane, John C.
Kightlinger, John T.
McFall, Robert A.
Adkins, Keith B.
McConnell, Donald L.
Peterson, David R.
(31) 201313905553
(32) 30.05.2013
(33) United States of America

(51) H01F 1/08
H01F 41/02
H01F 1/057
(11) EP2302646
(21) EP09762274.0
(47) 31.10.2018
(87) JP2009002648
17.12.2009
(22) 11.06.2009
(54) R-T-CU-MN-B TYPE SINTERED MAGNET
(73) Hitachi Metals, Ltd.
(72) KUNIYOSHI, Futoshi
ISHII, Rintaro
TOMIZAWA, Hiroyuki
(31) 2008155473
(32) 13.06.2008
(33) Japan

(51) H01F 27/04
H01F 27/36
H01B 17/26
H05K 9/00
(11) EP2591481
(21) EP11729319.1
(47) 31.10.2018
(87) EP2011061375
12.01.2012
(22) 06.07.2011
(54) HIGH VOLTAGE SHIELDING DEVICE AND A SYSTEM COMPRISING THE SAME
(73) ABB Research Ltd.
(72) BERGLUND, Mats
GÄFVERT, Uno
HARTINGS, Ralf
LANERYD, Tor
LARSSON, Tommy
SCHIESSLING, Joachim
ÅSTRAND, Peter
(31) 362562 P
(32) 08.07.2010
(33) United States of America

(51) H01F 27/36
B60L 11/18
H01F 38/14
H01M 10/44
H02J 5/00
H02J 7/02
(11) EP3224843
(21) EP15816864.1
(47) 31.10.2018
(87) IB2015002223
02.06.2016
(22) 27.11.2015
(54) POWER RECEPTION APPARATUS AND POWER TRANSMISSION APPARATUS
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
Yazaki Corporation
(72) YUASA, Hiroaki
KIBUDERA, Nobuhiro
EJIMA, Syuhei
HORIUCHI, Satoru
KAGAMI, Kazuyoshi
(31) 2014241789
(32) 28.11.2014
(33) Japan

(51) H01F 38/14
B60M 7/00
H01F 30/00
B60L 5/00
B60L 11/14
B60L 11/18
H02J 50/10
(11) EP2667390
(21) EP12736387.7

(47) 31.10.2018
(87) JP2012050969
26.07.2012
(22) 18.01.2012
(54) CONTACTLESS POWER TRANSFER SYSTEM
(73) Technova Inc.
(72) YASUDA, Tomio
KISHI, Hiroyuki
ABE, Shigeru
SUZUKI, Akira
(31) 2011009300
2011065899
2011192590
(32) 19.01.2011
24.03.2011
05.09.2011
(33) Japan
Japan
Japan

(51) H01G 4/20
H01G 4/28
G01R 15/16
(11) EP3182428
(21) EP15200890.0
(47) 31.10.2018
(22) 17.12.2015
(54) CAPACITOR, CAPACITIVE VOLTAGE SENSOR AND METHOD FOR MANUFACTURING A CAPACITOR
(73) 3M Innovative Properties Company
(72) Stollwerck, Gunther, Dr.
Gravermann, Mark
Weichold, Jens
Sabo, Andreea

(51) H01G 4/28
H01G 4/258
G01R 15/16
H01G 4/20
(11) EP3182429
(21) EP15200930.4
(47) 31.10.2018
(22) 17.12.2015
(54) CAPACITOR, CAPACITIVE VOLTAGE SENSOR AND METHOD FOR MANUFACTURING A CAPACITOR
(73) 3M Innovative Properties Company
(72) Stollwerck, Gunther, Dr.
Gravermann, Mark
Muggli, Mark

(51) H01G 7/06
H01G 4/18
(11) EP3249667
(21) EP17180078.2
(47) 31.10.2018
(22) 17.08.2015
(54) DOPED GRAPHENE ELECTRODES FOR FERROELECTRIC CAPACITOR-BASED MEMORY DEVICE
(73) SABIC Global Technologies B.V.
(72) KHAN, Mohd, Adnan
(31) 201462041903 P
(32) 26.08.2014
(33) United States of America

(51) H01G 11/24
H01G 11/36
(11) EP2056312
(21) EP08253561.8
(47) 31.10.2018
(22) 30.10.2008
(54) Electrochemical capacitor with carbon nanotubes
(73) Tsinghua University
Hon Hai Precision Co., Ltd
(72) Liu, Chang-Hong
Jiang, Kai-Li
Wang, Ding
Fan, Shou-Shan
(31) 200710124246
200710124250
200710305832
(32) 02.11.2007
02.11.2007
27.12.2007
(33) China
China
China

(51) H01G 13/00
(11) EP2948967
(21) EP13872564.3
(47) 31.10.2018
(87) US2013022686
31.07.2014
(22) 23.01.2013
(54) CAPACITIVE PROBE FABRICATING FROM SPRAY DEPOSITION
(73) United Technologies Corporation
(72) WARREN, Eli Cole
NEGASH, Jerusalem

(51) H01H 1/22
H01H 71/00
H01H 71/10
H01H 71/16
(11) EP2743947
(21) EP13191327.9
(47) 31.10.2018
(22) 04.11.2013
(54) Support shaft of the movable contacts in an electric current breaking apparatus, and current breaking apparatus comprising same, in particular a coupling breaker
(73) Schneider Electric Industries SAS
(72) Faure, Samuel
Trico, Jean-Marie
Carmentran, M. Damien
Escapa, M. Pascal
(31) 1262049
(32) 14.12.2012
(33) France

(51) H01H 3/12
(11) EP2989651
(21) EP14719059.9
(47) 31.10.2018
(87) FR2014050761
30.10.2014
(22) 31.03.2014
(54) ELECTRIC SWITCH WITH MONOSTABLE CONTROL BUTTON
(73) Legrand France
Legrand SNC
(72) GUIBERT, Jean-Sébastien
(31) 1353674
(32) 23.04.2013
(33) France

(51) H01H 9/30
(11) EP3127131
(21) EP15701099.2
(47) 31.10.2018
(87) EP2015000124
08.10.2015
(22) 22.01.2015
(54) MULTIPOLAR POWER CONTACTOR
(73) Schaltbau GmbH
(72) KRALIK, Robert
(31) 102014004665
(32) 31.03.2014
(33) Germany

(51) H01H 9/54
H01H 9/56
(11) EP3116007
(21) EP15175633.5
(47) 31.10.2018
(22) 07.07.2015
(54) A SWITCHING DEVICE
(73) ABB Schweiz AG
(72) Bianco, Andrea
Boffelli, Carlo
Faure Ragaini, Paolo
Penzo, Roberto

(51) H01H 13/66
(11) EP2463882
(21) EP11192477.5
(47) 31.10.2018
(22) 07.12.2011
(54) Compact double-contact secured pushbutton switch
(73) THALES
(72) Bigand, Jean-Louis
(31) 1004818
(32) 10.12.2010
(33) France

(51) H01H 19/635
H01H 3/42
H01H 19/02
H01H 19/36
H01H 19/00
(11) EP3210228
(21) EP15801774.9
(47) 31.10.2018
(87) EP2015077724
23.06.2016
(22) 26.11.2015
(54) ROTARY ACTUATOR
(73) Siemens Aktiengesellschaft
(72) FAURIE, Jean Jacques
(31) 102014226618
(32) 19.12.2014
(33) Germany

(51) H01H 31/00
H01H 33/66
(11) EP1925007
(21) EP05780624.2
(47) 31.10.2018
(87) DE2005001613
22.03.2007
(22) 12.09.2005
(54) VACUUM INTERRUPTER
(73) Siemens Aktiengesellschaft
(72) ANGER, Nils
RENZ, Roman
SCHÜMANN, Ulf
STELZER, Andreas

(51) H01H 33/42

H01H 33/666
(11) EP3178103
(21) EP15756618.3
(47) 31.10.2018
(87) EP2015069492
31.03.2016
(22) 26.08.2015
(54) ARRANGEMENT FOR SWITCHING CLEARANCES BETWEEN CONTACTS BY MEANS OF SWITCHING DEVICES
(73) Siemens Aktiengesellschaft
(72) SEWIOLO, Benjamin
ZIROFF, Andreas
(31) 102014219089
(32) 22.09.2014
(33) Germany

(51) H01H 33/59
(11) EP3230999
(21) EP15817465.6
(47) 31.10.2018
(87) FR2015053299
16.06.2016
(22) 02.12.2015
(54) HIGH VOLTAGE DC CURRENT TRIPOUT DEVICE
(73) Supergrid Institute
(72) LUSCAN, Bruno
BERTINATO, Alberto
CREUSOT, Christophe
(31) 1462224
(32) 11.12.2014
(33) France

(51) H01H 47/00
(11) EP1989720
(21) EP07703120.1
(47) 31.10.2018
(87) EP2007000765
13.09.2007
(22) 30.01.2007
(54) SAFETY SWITCHING APPARATUS FOR THE FAILSAFE DISCONNECTION OF AN ELECTRICAL LOAD
(73) Pilz GmbH & Co. KG
(72) NITSCHE, Thomas
KAUFMANN, Boris
HOPP, Johannes
DICKHOFF, Rolf
(31) 102006010106
(32) 01.03.2006
(33) Germany

(51) H01H 71/04
(11) EP2543055
(21) EP11730408.9
(47) 31.10.2018
(87) IB2011000436
09.09.2011
(22) 03.03.2011
(54) ELECTRICAL SWITCHING APPARATUS AND STATUS INDICATING ASSEMBLY THEREFOR
(73) Eaton Corporation
(72) GOTTSCHALK, Andrew, L.
SLEPIAN, Robert, M.
(31) 717421
(32) 04.03.2010
(33) United States of America

(51) H01J 37/304
H01J 37/305
(11) EP2840588
(21) EP14181219.8
(47) 31.10.2018
(22) 18.08.2014
(54) Method for processing and/or for observing an object, and particle beam device for carrying out the method
(73) Carl Zeiss Microscopy GmbH
(72) Biberger, Josef
Pulwey, Ralph
Tsyrulin, Katja
Salzer, Roland
(31) 102013216418
102013216857
(32) 19.08.2013
23.08.2013
(33) Germany
Germany

(51) H01J 37/34
C23C 14/00
C23C 14/34
(11) EP2789006
(21) EP12810067.4
(47) 31.10.2018
(87) EP2012004848
13.06.2013
(22) 23.11.2012
(54) REACTIVE SPUTTERING PROCESS
(73) Oerlikon Surface Solutions AG, Pfäffikon
(72) KRASSNITZER, Siegfried
(31) 201161566836 P
(32) 05.12.2011
(33) United States of America

(51) H01J 37/34
C23C 14/32
(11) EP2484799
(21) EP12153680.9
(47) 31.10.2018
(22) 02.02.2012
(54) Segmented post cathode
(73) United Technologies Corporation
(72) Tryon, Brian S.
Beers, Russell A.
(31) 201113019325
(32) 02.02.2011
(33) United States of America

(51) H01J 37/34
H01J 37/32
(11) EP2718959
(21) EP12730015.0
(47) 31.10.2018
(87) GB2012051277
13.12.2012
(22) 07.06.2012
(54) IMPROVEMENTS TO THE APPLICATION OF COATING MATERIALS
(73) Vision Ease, LP
(72) WAUGH, Allen Robert
HALL, Gareth William
STANLEY, Steven Anthony
(31) 201109479
201205220
(32) 07.06.2011
26.03.2012
(33) United Kingdom
United Kingdom

(51) H01J 49/00
(11) EP2850644
(21) EP13790399.3
(47) 31.10.2018
(87) IB2013000735
21.11.2013
(22) 19.04.2013
(54) MODULATION OF INSTRUMENT RESOLUTION DEPENDANT UPON THE COMPLEXITY OF A PREVIOUS SCAN
(73) DH Technologies Development Pte. Ltd.
(72) CAMPBELL, John, Lawrence
TATE, Stephen
(31) 201261649201 P
(32) 18.05.2012
(33) United States of America

(51) H01J 49/00
(11) EP2850645
(21) EP13790450.4
(47) 31.10.2018
(87) IB2013000724
21.11.2013
(22) 19.04.2013
(54) SYSTEMS AND METHODS FOR USING INTERLEAVING WINDOW WIDTHS IN TANDEM MASS SPECTROMETRY
(73) DH Technologies Development Pte. Ltd.
(72) TATE, Stephen
BONNER, Ronald, F.
(31) 201261649199 P
(32) 18.05.2012
(33) United States of America

(51) H01J 49/00
H01J 49/40
(11) EP2965345
(21) EP14710347.7
(47) 31.10.2018
(87) GB2014050638
12.09.2014
(22) 05.03.2014
(54) SPATIALLY CORRELATED DYNAMIC FOCUSING
(73) Micromass UK Limited
(72) BROWN, Jeffery Mark
GREEN, Martin Raymond
(31) 201303919
13157768
(32) 05.03.2013
05.03.2013
(33) United Kingdom
European Patent Office (EPO)

(51) H01J 49/04
H01J 49/24
(11) EP2672505
(21) EP13170313.4
(47) 31.10.2018
(22) 03.06.2013
(54) Mass spectrometer
(73) Hitachi High-Technologies Corporation
(72) Morokuma, Hidetoshi
Ishiguro, Koji
Kumano, Shun
(31) 2012126926
(32) 04.06.2012
(33) Japan

(51) H01J 49/06
(11) EP1738396
(21) EP05731629.1
(47) 31.10.2018

(87) GB2005001290
20.10.2005
(22) 04.04.2005
(54) MASS SPECTROMETER
(73) Micromass UK Limited
(72) GREEN, Martin
WILDGOOSE, Jason, Lee 110 Barcicroft Road
PRINGLE, Steven, Derek Linden Cottages
GILES, Kevin 19 Bonington Rise Marple Bridge
(31) 0407713
0411372
573468 P
(32) 05.04.2004
21.05.2004
21.05.2004
(33) United Kingdom
United Kingdom
United States of America

(51) H01J 49/06
(11) EP2821782
(21) EP12872192.5
(47) 31.10.2018
(87) JP2012057272
26.09.2013
(22) 22.03.2012
(54) MASS SPECTROMETER
(73) Shimadzu Corporation
(72) MUKAIBATAKE, Kazuo

(51) H01J 49/06
H01J 49/42
(11) EP2319068
(21) EP09790734.9
(47) 31.10.2018
(87) US2009051435
28.01.2010
(22) 22.07.2009
(54) AUTOMATIC GAIN CONTROL (AGC) METHOD FOR AN ION TRAP AND A TEMPORALLY NON-UNIFORM ION BEAM
(73) Thermo Finnigan LLC
(72) SCHWARTZ, Jae, C.
KOVTOUN, Viatcheslav, V.
(31) 179548
(32) 24.07.2008
(33) United States of America

(51) H01J 49/42
(11) EP2677532
(21) EP13180928.7
(47) 31.10.2018
(22) 23.11.2006
(54) Mass spectrometer
(73) Micromass Holdings Limited
(72) Green, Martin Raymond
(31) 0524042
749917 P
(32) 25.11.2005
13.12.2005
(33) United Kingdom
United States of America

(51) H01J 49/42
H01J 49/00
H01J 49/06
(11) EP3087582
(21) EP14875550.7
(47) 31.10.2018
(87) IB2014002482
02.07.2015
(22) 18.11.2014
(54) SIMULTANEOUS POSITIVE AND NEGATIVE ION ACCUMULATION IN AN ION TRAP FOR MASS SPECTROSCOPY
(73) DH Technologies Development PTE. Ltd.
(72) BABA, Takashi
(31) 201361920552 P
(32) 24.12.2013
(33) United States of America

(51) H01J 61/28
H01J 61/52
(11) EP3298620
(21) EP16727134.5
(47) 31.10.2018
(87) EP2016060386
24.11.2016
(22) 10.05.2016
(54) GAS DISCHARGE LAMP AND A DEVICE FOR CONTROLLING THE TEMPERATURE THEREOF
(73) ZED Ziegler Electronic Devices GmbH
(72) ZIEGLER, Karin
ZIEGLER, Rolf
(31) 102015107694
(32) 18.05.2015
(33) Germany

(51) H01K 1/06
H01K 3/02
H05B 3/00
H05B 3/14
(11) EP2740146
(21) EP12734807.6
(47) 31.10.2018
(87) EP2012002800
14.02.2013
(22) 04.07.2012
(54) METHOD FOR MANUFACTURING AN ELECTRICALLY CONDUCTIVE MATERIAL, ELECTRICALLY CONDUCTIVE MATERIAL, AND RADIATOR WITH ELECTRICALLY CONDUCTIVE MATERIAL
(73) Heraeus Noblelight GmbH
(72) LINOW, Sven
KLUMPP, Maike
(31) 102011109578
(32) 05.08.2011
(33) Germany

(51) H01L 21/00
G03F 7/00
H01L 21/67
G03F 7/20
H01J 37/317
G03B 27/58
(11) EP2399279
(21) EP10705592.3
(47) 31.10.2018
(87) EP2010052217
26.08.2010
(22) 22.02.2010
(54) SUBSTRATE SUPPORT STRUCTURE, CLAMP PREPARATION UNIT, AND LITHOGRAPHY SYSTEM
(73) Mapper Lithography IP B.V.
(72) DE JONG, Hendrik Jan
(31) 154411 P
306199 P
(32) 22.02.2009
19.02.2010
(33) United States of America
United States of America

(51) H01L 21/00
H01L 21/687
H01L 21/68
H01L 21/18
H01L 21/67
H01L 21/683
(11) EP2398041
(21) EP10008732.9
(47) 31.10.2018
(22) 20.08.2010
(54) Method of forming a temporary wafer-carrier substrate composite
(73) Brewer Science, Inc.
(72) McCutcheon, Jeremy W.
Brown, Robert D.
(31) 819680
(32) 21.06.2010
(33) United States of America

(51) H01L 21/00
H01L 27/04
H01L 29/06
H01L 29/12
H01J 40/06
G01J 5/20
G01N 21/64
(11) EP1891678
(21) EP06771186.1
(47) 31.10.2018
(87) US2006020263
07.12.2006
(22) 25.05.2006
(54) PHOTOCATHODE STRUCTURE AND OPERATION
(73) INTEVAC, INC.
(72) COSTELLO, Kenneth, A.
AEBI, Verle, W.
(31) 142805
(32) 01.06.2005
(33) United States of America

(51) H01L 21/28
H01L 29/45
H01L 29/16
(11) EP3076422
(21) EP15815488.0
(47) 31.10.2018
(87) JP2015064974
07.01.2016
(22) 25.05.2015
(54) SILICON CARBIDE SEMICONDUCTOR ELEMENT PRODUCTION METHOD
(73) Fuji Electric Co., Ltd.
(72) FUJII, Takeshi
SATO, Mariko
INAMOTO, Takuro
(31) 2014137244
(32) 02.07.2014
(33) Japan

(51) H01L 21/50
H01L 21/67
H01L 23/00
B81C 1/00
H01L 21/677

H01L 21/68
H01L 21/683
H01L 31/0203
H01L 31/09
(11) EP2939265
(21) EP13822065.2
(47) 31.10.2018
(87) US2013077880
03.07.2014
(22) 26.12.2013
(54) WAFER LEVEL PACKAGING OF MICROBOLOMETER VACUUM PACKAGE ASSEMBLIES
(73) Flir Systems, Inc.
(72) SCHWEIKERT, Paul
SHARPE, Andrew
CARLSON, Gregory A.
MATSON, Alex
VILANDER, Scott
ZAHUTA, Bob
GOEDEN, Richard M.
(31) 201261747867 P
201361801596 P
(32) 31.12.2012
15.03.2013
(33) United States of America
United States of America

(51) H01L 21/64
H04R 17/00
H04R 31/00
H01L 21/768
H01L 41/047
B06B 1/06
A61B 8/13
A61B 8/14
A61B 8/00
H01L 41/29
(11) EP2345066
(21) EP09813954.6
(47) 31.10.2018
(87) CA2009001363
25.03.2010
(22) 18.09.2009
(54) METHODS FOR MANUFACTURING ULTRASOUND TRANSDUCERS AND OTHER COMPONENTS
(73) FUJIFILM SonoSite, Inc.
(72) LUKACS, Marc
CHAGGARES, Chris
HIRSON, Desmond
PANG, Guofang
(31) 192690 P
192661 P
(32) 18.09.2008
18.09.2008
(33) United States of America
United States of America

(51) H01L 21/66
G01B 11/06
G01B 11/30
G01B 9/02
(11) EP2399285
(21) EP10744192.5
(47) 31.10.2018
(87) US2010024305
26.08.2010
(22) 16.02.2010
(54) METHOD AND APPARATUS FOR MEASURING SHAPE OR THICKNESS INFORMATION OF A SUBSTRATE
(73) KLA-Tencor Corporation
(72) TANG, Shouhong
KREN, George
MUELLER, Dieter
HAAS, Brian
KAVALDJIEV, Daniel
(31) 388487
(32) 18.02.2009
(33) United States of America

(51) H01L 21/67
H01L 21/677
(11) EP1535313
(21) EP03765906.7
(47) 31.10.2018
(87) US2003022881
29.01.2004
(22) 22.07.2003
(54) SUBSTRATE PROCESSING APPARATUS
(73) BROOKS AUTOMATION, INC.
(72) HOFMEISTER, Christopher, A.
CAVENEY, Robert, T.
WEISS, Mitchell
(31) 397895 P
(32) 22.07.2002
(33) United States of America

(51) H01L 23/00
G03G 15/08
B41J 2/175
B23K 26/38
(11) EP2755092
(21) EP12829588.8
(47) 31.10.2018
(87) CN2012073079
14.03.2013
(22) 27.03.2012
(54) METHOD FOR RESTORING IMAGING CARTRIDGE CHIP
(73) Apex Microelectronics Co., Ltd
(72) Zeng, Yangyun
(31) 201110268245
(32) 09.09.2011
(33) China

(51) H01L 23/482
H01L 29/66
H01L 29/778
H01L 29/417
H01L 29/02
(11) EP2741324
(21) EP12196215.3
(47) 31.10.2018
(22) 10.12.2012
(54) III nitride transistor with source connected heat-spreading plate and method of making the same
(73) IMEC VZW
(72) Lenci, Silvia
Decoutere, Stefaan

(51) H01L 27/00
H01L 27/148
H04N 5/335
H04N 5/355
H04N 5/359
H04N 5/372
(11) EP2230831
(21) EP10156730.3
(47) 31.10.2018
(22) 17.03.2010
(54) CCD imaging array with extended dynamic range
(73) E2V Technologies (UK) Limited
(72) BELL, Raymond Thomas
Pittock, Roger, John
(31) 0904549
(32) 17.03.2009
(33) United Kingdom

(51) H01L 27/115
H01L 29/792
H01L 29/788
H01L 29/66
(11) EP3210242
(21) EP15779097.3
(47) 31.10.2018
(87) US2015052191
28.04.2016
(22) 25.09.2015
(54) NAND MEMORY STRINGS AND METHODS OF FABRICATION THEREOF
(73) SanDisk Technologies LLC
(72) KOKA, Sateesh
MAKALA, Raghuveer
ZHANG, Yanli
KANAKAMEDALA, Senaka
SHARANGPANI, Rahul
LEE, Yao-Sheng
MATAMIS, George
(31) 201414523287
(32) 24.10.2014
(33) United States of America

(51) H01L 27/24
(11) EP3178113
(21) EP15745726.8
(47) 31.10.2018
(87) US2015041947
11.02.2016
(22) 24.07.2015
(54) FULLY ISOLATED SELECTOR FOR MEMORY DEVICE
(73) SanDisk Technologies LLC
(72) SAKOTSUBO, Yukihiro
(31) 201414451664
(32) 05.08.2014
(33) United States of America

(51) H01L 27/24
H01L 27/10
H01L 45/00
H01L 27/06
(11) EP3254312
(21) EP15808055.6
(47) 31.10.2018
(87) US2015062545
11.08.2016
(22) 24.11.2015
(54) MEMORY DEVICE WITH COMB ELECTRODE AND METHOD OF MAKING THEREOF
(73) SanDisk Technologies LLC
(72) TAKAKI, Seje
SATO, Yoshihiro
(31) 201514614709
(32) 05.02.2015
(33) United States of America

(51) H01L 29/778
H01L 21/336

H01L 29/10
H01L 29/08
H01L 29/20
(11) EP2973722
(21) EP14770672.5
(47) 31.10.2018
(87) US2014027397
25.09.2014
(22) 14.03.2014
(54) SUPERLATTICE CRENELATED GATE FIELD EFFECT TRANSISTOR
(73) Northrop Grumman Systems Corporation
(72) HOWELL, Robert, S.
STEWART, Eric, J.
NECHAY, Bettina, A.
PARKE, Justin, A.
CRAMER, Harlan, C.
HARTMAN, Jeffrey, D.
(31) 201313802747
(32) 14.03.2013
(33) United States of America

(51) H01L 29/78
H01L 29/08
H01L 21/336
H01L 21/266
H01L 29/423
(11) EP2665101
(21) EP12167851.0
(47) 31.10.2018
(22) 14.05.2012
(54) Method of producing a high-voltage LDMOS transistor
(73) ams AG
(72) Park, Jong Mun
Minixhofer, Rainer

(51) H01L 31/042
E04D 13/18
F24S 25/35
F24S 25/65
H02S 20/23
(11) EP2860763
(21) EP13797619.7
(47) 31.10.2018
(87) JP2013065211
05.12.2013
(22) 31.05.2013
(54) PHOTOVOLTAIC SYSTEM AND HOLDER UNIT
(73) Kyocera Corporation
(72) NISHIO Yuuta
(31) 2012124234
(32) 31.05.2012
(33) Japan

(51) H01L 31/042
H01L 21/683
(11) EP2690670
(21) EP12760717.4
(47) 31.10.2018
(87) JP2012056553
27.09.2012
(22) 14.03.2012
(54) DETACHABLE GENERATOR DEVICE
(73) Creative Technology Corporation
(72) TATSUMI Yoshiaki
KAWAE Megumu
MORIYAMA Hiroyuki
SUGAWARA Toshifumi
(31) 2011063628
(32) 23.03.2011
(33) Japan

(51) H01L 31/048
H01L 31/042
(11) EP2959517
(21) EP14708666.4
(47) 31.10.2018
(87) IB2014058821
28.08.2014
(22) 05.02.2014
(54) PHOTOVOLTAIC MODULE ASSEMBLY
(73) SABIC Global Technologies B.V.
(72) BROUNNE, Marcel
(31) 201361768938 P
(32) 25.02.2013
(33) United States of America

(51) H01L 31/101
(11) EP3270423
(21) EP17179234.4
(47) 31.10.2018
(22) 03.07.2017
(54) A DUAL BAND PHOTO-DETECTOR AND A METHOD THEREOF
(73) Semi Conductor Devices-an Elbit Systems-Rafael Partnership
(72) KLIPSTEIN, Philip
(31) 24679616
(32) 14.07.2016
(33) Israel

(51) H01L 31/18
H01L 31/048
E04D 13/18
(11) EP2025007
(21) EP07747321.3
(47) 31.10.2018
(87) NL2007000139
13.12.2007
(22) 01.06.2007
(54) COLD-CURVED SOLAR PANEL
(73) Movares Nederland B.V.
(72) VÁKÁR, László, Imre
(31) 1031941
(32) 02.06.2006
(33) Netherlands

(51) H01L 33/00
H01L 33/18
H01L 33/08
H01L 33/44
H01L 33/24
H01L 31/18
H01L 33/40
H01L 33/46
(11) EP3241246
(21) EP15823722.2
(47) 31.10.2018
(87) FR2015053758
07.07.2016
(22) 24.12.2015
(54) PROCESS FOR FABRICATING SEMICONDUCTOR NANOWIRES OR MICROWIRES HAVING INSULATED BASE
(73) Aledia
Commissariat à l'énergie atomique et aux énergies alternatives
(72) POURQUIER, Eric
GIBERT, Philippe
MARTIN, Brigitte
(31) 1463372
(32) 29.12.2014
(33) France

(51) H01L 33/00
H01L 33/38
H01L 33/20
(11) EP2290707
(21) EP09738935.7
(47) 31.10.2018
(87) KR2009001993
05.11.2009
(22) 16.04.2009
(54) SEMICONDUCTOR LIGHT-EMITTING DEVICE
(73) LG Innotek Co., Ltd.
(72) LIM, Woo Sik
(31) 20080040747
(32) 30.04.2008
(33) Korea (Republic)

(51) H01L 33/10
H01L 33/20
H01L 33/46
(11) EP2188850
(21) EP08793501.1
(47) 31.10.2018
(87) KR2008004997
05.03.2009
(22) 26.08.2008
(54) LIGHT EMITTING DEVICE AND METHOD FOR FABRICATING THE SAME
(73) LG Innotek Co., Ltd.
(72) KIM, Sun Kyung
CHO, Hyun Kyong
(31) 20070087764
(32) 30.08.2007
(33) Korea (Republic)

(51) H01L 33/44
H01L 33/50
F21V 13/00
F21V 9/06
(11) EP2662906
(21) EP13165677.9
(47) 31.10.2018
(22) 29.04.2013
(54) Lighting device
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) Aoki, Shinichi
Yamada, Makoto
Ishiwata, Masaki
(31) 2012110051
(32) 11.05.2012
(33) Japan

(51) H01L 33/44
H01L 33/62
H01L 33/56
H01L 33/48
H01L 33/60
H01L 33/52
H01L 33/54
(11) EP2591511
(21) EP11743203.9
(47) 31.10.2018
(87) EP2011061133
12.01.2012
(22) 01.07.2011

(54) COMPONENT AND METHOD FOR PRODUCING A COMPONENT
(73) OSRAM Opto Semiconductors GmbH
(72) RAMCHEN, Johann
SORG, Jörg Erich
JEREBIC, Simon
BRAUNE, Bert
(31) 102010026343
(32) 07.07.2010
(33) Germany

(51) H01L 33/48
H01L 33/60
(11) EP2983217
(21) EP13881009.8
(47) 31.10.2018
(87) JP2013084910
09.10.2014
(22) 26.12.2013
(54) LIGHTING DEVICE
(73) Toshiba Lighting & Technology Corporation
(72) HINO, Kiyokazu
(31) 2013078922
2013089680
2013099515
(32) 04.04.2013
22.04.2013
09.05.2013
(33) Japan
Japan
Japan

(51) H01L 33/48
H01L 33/62
H01L 33/64
H01L 33/60
H01L 33/50
H01L 33/58
(11) EP1928029
(21) EP05844848.1
(47) 31.10.2018
(87) JP2005024031
29.03.2007
(22) 28.12.2005
(54) Light emitting diode package
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) KAMADA, Kazuo
NISHIOKA, Yasushi
URANO, Youji
(31) 2005272832
2005334683
(32) 20.09.2005
18.11.2005
(33) Japan
Japan

(51) H01L 33/50
C09K 11/77
(11) EP3096364
(21) EP15173313.6
(47) 31.10.2018
(22) 23.06.2015
(54) LIGHT EMITTING DEVICE
(73) Sanken Electric Co., Ltd.
(72) Murofushi, Hitoshi
Haga, Kazuyoshi
Tanaka, Yoshinori
Sato, Yuichi
(31) 2015100664
(32) 18.05.2015
(33) Japan

(51) H01L 33/50
H01L 25/075
F21V 9/30
H01L 33/60
F21Y 101/00
F21Y 113/13
F21K 99/00
F21V 3/04
F21Y 115/10
(11) EP3311423
(21) EP16732971.3
(47) 31.10.2018
(87) EP2016063486
22.12.2016
(22) 13.06.2016
(54) A LIGHTING ASSEMBLY EMITTING A PORTION OF UV LIGHT
(73) Philips Lighting Holding B.V.
(72) VAN BOMMEL, Ties
HIKMET, Rifat, Ata, Mustafa
(31) 15172409
(32) 16.06.2015
(33) European Patent Office (EPO)

(51) H01L 33/56
H01L 25/075
H01L 33/54
(11) EP2160769
(21) EP08754071.2
(47) 31.10.2018
(87) US2008004453
24.12.2008
(22) 03.04.2008
(54) LIGHT EMITTING DEVICE HAVING AN ENCAPSULANT WITH SCATTERER TO TAILOR SPATIAL EMISSION PATTERN AND COLOR UNIFORMITY
(73) Cree, Inc.
(72) CHAKRABORTY, Arpan
KELLER, Bernd
(31) 818818
(32) 14.06.2007
(33) United States of America

(51) H01L 33/58
(11) EP2218115
(21) EP08855324.3
(47) 31.10.2018
(87) DE2008001959
04.06.2009
(22) 26.11.2008
(54) ILLUMINATION DEVICE
(73) OSRAM Opto Semiconductors GmbH
(72) WIRTH, Ralph
(31) 102007057671
(32) 30.11.2007
(33) Germany

(51) H01L 33/62
H01L 33/64
H01L 23/373
H01L 33/50
(11) EP2713411
(21) EP13185895.3
(47) 31.10.2018
(22) 25.09.2013
(54) LUMINESCENCE DEVICE
(73) LG Innotek Co., Ltd.
(72) TOMOHIRO, Sampei
(31) 20120108580
(32) 28.09.2012
(33) Korea (Republic)

(51) H01L 43/12
G01R 33/09
H01F 41/30
G11C 11/16
G11B 5/39
H01L 43/08
(11) EP3143649
(21) EP15703417.4
(47) 31.10.2018
(87) US2015013436
19.11.2015
(22) 29.01.2015
(54) REDUCTION OF BARRIER RESISTANCE X AREA (RA) PRODUCT AND PROTECTION OF PERPENDICULAR MAGNETIC DEVICE APPLICATIONS
(73) Headway Technologies, Inc.
(72) LIU, Huanlong
ZHU, Jian
PI, Keyu
TONG, Ru-Ying
(31) 201414278243
(32) 15.05.2014
(33) United States of America

(51) H01L 51/00
C07C 211/61
C09K 11/06
(11) EP2761684
(21) EP12766430.8
(47) 31.10.2018
(87) EP2012068805
04.04.2013
(22) 24.09.2012
(54) SPIROBIFLUORENE COMPOUNDS FOR LIGHT EMITTING DEVICES
(73) Sumitomo Chemical Co., Ltd
(72) BASCOUR, Dominique
MAUNOURY, Jonathan
ORSELLI, Enrico
(31) 11007867
(32) 28.09.2011
(33) European Patent Office (EPO)

(51) H01L 51/00
C09B 57/00
C09B 23/10
(11) EP3069393
(21) EP14802206.4
(47) 31.10.2018
(87) IB2014066038
21.05.2015
(22) 14.11.2014
(54) ORGANIC DYE FOR A DYE-SENSITIZED SOLAR CELL
(73) ENI S.p.A.
CNRS Centre National de la Recherche Scientifique
(72) BIAGINI, Paolo
PO', Riccardo
RONCALI, Jean
DEMETER, Dora
(31) MI20131899
(32) 15.11.2013
(33) Italy

(51) H01L 51/30
C07D 495/04
H01L 29/786

H01L 51/05
H01L 51/00
(11) EP2894685
(21) EP13834556.6
(47) 31.10.2018
(87) JP2013074364
13.03.2014
(22) 10.09.2013
(54) BENZOTHIENOBENZOTHIOPHENE DERIVATIVE, ORGANIC SEMICONDUCTOR MATERIAL, AND ORGANIC TRANSISTOR
(73) DIC Corporation
Tokyo Institute of Technology
(72) MIYAWAKI, Atsuhisa
KUSUMOTO, Tetsuo
AOKI, Yoshio
ISHIZUKA, Aya
SAKURAI, Yoshinobu
WATANABE, Yasuyuki
HANNA, Junichi
(31) 2012198415
(32) 10.09.2012
(33) Japan

(51) H01L 51/46
C07D 285/10
(11) EP2814817
(21) EP13748582.7
(47) 31.10.2018
(87) US2013025936
22.08.2013
(22) 13.02.2013
(54) ELECTRONIC DEVICES USING ORGANIC SMALL MOLECULE SEMICONDUCTING COMPOUNDS
(73) Next Energy Technologies, Inc.
(72) TAMAYO, Arnold B.
CAPUTO, Bruno J.A.
HOVEN, Corey V.
(31) 201261598646 P
201261603039 P
(32) 14.02.2012
24.02.2012
(33) United States of America
United States of America

(51) H01L 51/50
(11) EP2976795
(21) EP14712243.6
(47) 31.10.2018
(87) EP2014055250
25.09.2014
(22) 17.03.2014
(54) WHITE ORGANIC LIGHT-EMITTING DEVICE
(73) UDC Ireland Limited
(72) WATANABE, Soichi
METZ, Stefan
MURER, Peter
WOLLEB, Heinz
HEINEMEYER, Ute
LENNARTZ, Christian
WAGENBLAST, Gerhard
SCHÄFER, Thomas
(31) 13160198
(32) 20.03.2013
(33) European Patent Office (EPO)

(51) H01L 51/50
H01L 51/52
H01L 51/05
(11) EP2612378
(21) EP11740852.6
(47) 31.10.2018
(87) EP2011003901
08.03.2012
(22) 04.08.2011
(54) QUENCHING OF PHOTOLUMINESCENCE IN AN ORGANIC DEVICE
(73) Merck Patent GmbH
(72) PAN, Junyou
(31) 10009064
(32) 01.09.2010
(33) European Patent Office (EPO)

(51) H01L 51/54
(11) EP2377182
(21) EP09781033.7
(47) 31.10.2018
(87) EP2009059558
15.07.2010
(22) 24.07.2009
(54) TRIPLET EXCITATION SCAVENGING IN SOLID-STATE ORGANIC MATERIALS
(73) IMEC VZW
Katholieke Universiteit Leuven K.U. Leuven R&D
(72) SCHOLS, Sarah
HEREMANS, Paul
KADASHCHUK, Andrey
(31) 143303 P
(32) 08.01.2009
(33) United States of America

(51) H01L 51/54
(11) EP2755252
(21) EP12829253.9
(47) 31.10.2018
(87) KR2012007184
14.03.2013
(22) 06.09.2012
(54) MATERIAL FOR ORGANIC LIGHT-EMITTING DEVICE, AND ORGANIC LIGHT-EMITTING DEVICE USING SAME
(73) LG Chem, Ltd.
(72) HUH, Jungoh
JANG, Jungi
HONG, Sung Kil
PARK, Tae Yoon
CHUN, Minseung
CHO, Seongmi
(31) 20110091943
(32) 09.09.2011
(33) Korea (Republic)

(51) H01L 51/54
(11) EP3132479
(21) EP15718824.4
(47) 31.10.2018
(87) EP2015058029
22.10.2015
(22) 14.04.2015
(54) HOST MATERIALS FOR OLEDS
(73) cynora GmbH
(72) VOLZ, Daniel
AMBROSEK, David
(31) 14164796
14197512
(32) 15.04.2014
11.12.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) H01L 51/54
C07C 211/54
C07D 235/18
C07D 235/20
C09K 11/06
(11) EP2960958
(21) EP14754850.7
(47) 31.10.2018
(87) JP2014000924
28.08.2014
(22) 21.02.2014
(54) ORGANIC ELECTROLUMINESCENCE ELEMENT
(73) Hodogaya Chemical Co., Ltd.
(72) YOKOYAMA, Norimasa
HAYASHI, Shuichi
KABASAWA, Naoaki
MOCHIZUKI, Shunji
(31) 2013032763
2013165765
(32) 22.02.2013
09.08.2013
(33) Japan
Japan

(51) H01L 51/54
C09K 11/06
C07D 471/04
(11) EP3053985
(21) EP14849700.1
(47) 31.10.2018
(87) KR2014009102
02.04.2015
(22) 29.09.2014
(54) HETEROCYCLIC COMPOUND AND ORGANIC LIGHT-EMITTING ELEMENT USING SAME
(73) LG Chem, Ltd.
(72) KANG, Minyoung
LEE, Dong Hoon
JANG, Boonjae
JANG, Jungi
KIM, Seong So
(31) 20130116594
(32) 30.09.2013
(33) Korea (Republic)

(51) H01L 51/54
C09K 11/06
C07D 471/04
(11) EP3053984
(21) EP14848459.5
(47) 31.10.2018
(87) KR2014009100
02.04.2015
(22) 29.09.2014
(54) HETEROCYCLIC COMPOUND AND ORGANIC LIGHT-EMITTING ELEMENT USING SAME
(73) LG Chem, Ltd.
(72) KANG, Minyoung
LEE, Dong Hoon
JANG, Boonjae
JANG, Jungi
KIM, Seong So
(31) 20130116594
(32) 30.09.2013
(33) Korea (Republic)

(51) H01M 2/02
B32B 7/12
B32B 15/08
B32B 27/32
H01M 10/052
(11) EP3116044
(21) EP15758697.5
(47) 31.10.2018
(87) JP2015055688
11.09.2015
(22) 26.02.2015
(54) SHEATHING MATERIAL FOR LITHIUM BATTERIES
(73) Toppan Printing Co., Ltd.
(72) MURAKI Takuya
YAMAZAKI Tomohiko
SUZUTA Masayoshi
(31) 2014044167
2014044168
(32) 06.03.2014
06.03.2014
(33) Japan
Japan

(51) H01M 2/02
B32B 15/08
B32B 7/12
B32B 27/28
B32B 27/30
B32B 27/42
H01G 11/78
B32B 15/20
B32B 15/082
H01M 10/0525
(11) EP2996171
(21) EP14794193.4
(47) 31.10.2018
(87) JP2014062457
13.11.2014
(22) 09.05.2014
(54) OUTER COVERING FOR LITHIUM-ION CELL
(73) Toppan Printing Co., Ltd.
(72) MURATA, Koji
SUZUTA, Masayoshi
(31) 2013099608
(32) 09.05.2013
(33) Japan

(51) H01M 2/02
H01M 2/06
H01M 2/30
H01M 10/04
H01M 10/42
(11) EP3038191
(21) EP14848463.7
(47) 31.10.2018
(87) KR2014008768
02.04.2015
(22) 22.09.2014
(54) BATTERY PACK COMPRISING PROTECTION CIRCUIT MODULE CASE
(73) LG Chem, Ltd.
(72) AHN, Soo Jun
NAM, Ho Chol
YUN, Hyung Ku
(31) 20130116472
(32) 30.09.2013
(33) Korea (Republic)

(51) H01M 2/02
H01M 2/08
H01M 10/617
H01M 2/34
(11) EP2801120
(21) EP13733585.7
(47) 31.10.2018
(87) CA2013000006
11.07.2013
(22) 07.01.2013
(54) THIN FILM ELECTROCHEMICAL CELL WITH A POLYMER DOUBLE SEAL
(73) Electrovaya Inc.
(72) BHOLA, Rakesh
DAS GUPTA, Rajshekar
DAS GUPTA, Sankar
(31) 201261631453 P
201261631457 P
(32) 05.01.2012
05.01.2012
(33) United States of America
United States of America

(51) H01M 2/02
H01M 2/26
H01M 2/22
H01M 10/04
H01M 2/30
(11) EP3048656
(21) EP15195228.0
(47) 31.10.2018
(22) 18.11.2015
(54) RECHARGEABLE BATTERY
(73) Samsung SDI Co., Ltd.
(72) PARK, Seung-Hee
LEE, Jea-Woan
EO, Soo-Mi
CHO, Young-Kwang
(31) 20150011561
(32) 23.01.2015
(33) Korea (Republic)

(51) H01M 2/02
H01M 10/04
H01M 10/0585
H01M 10/0525
H01M 4/131
H01M 4/133
(11) EP3131135
(21) EP15776103.2
(47) 31.10.2018
(87) JP2015060125
15.10.2015
(22) 31.03.2015
(54) FLAT SECONDARY BATTERY
(73) Nissan Motor Co., Ltd
(72) MAEDA, Takehiro
SAITO, Takamitsu
MATSUO, Azusa
OUME, Ami
NITTA,Yoshiaki
(31) 2014082374
(32) 11.04.2014
(33) Japan

(51) H01M 2/10
H01M 2/20
H01M 2/30
H01M 10/42
(11) EP2787557
(21) EP14163436.0
(47) 31.10.2018
(22) 03.04.2014
(54) Battery packs for electric tools
(73) Makita Corporation
(72) Naito, Akira
(31) 2013078795
(32) 04.04.2013
(33) Japan

(51) H01M 2/10
H01M 10/04
(11) EP3029755
(21) EP14841104.4
(47) 31.10.2018
(87) KR2014008126
05.03.2015
(22) 01.09.2014
(54) SECONDARY BATTERY TRANSFER DEVICE AND METHOD FOR DETECTING RECEIPT FAILURE OF SECONDARY BATTERY
(73) LG Chem, Ltd.
(72) KIM, Seok Jin
KIM, Min Su
JUNG, Tae Yoon
HAN, Chang Min
JO, Hyun Geun
PARK, Gi Su
(31) 20130105000
20140101341
(32) 02.09.2013
06.08.2014
(33) Korea (Republic)
Korea (Republic)

(51) H01M 2/16
H01M 2/14
(11) EP2615665
(21) EP11823754.4
(47) 31.10.2018
(87) KR2011006576
15.03.2012
(22) 06.09.2011
(54) SEPARATOR, MANUFACTURING METHOD THEREOF, AND ELECTROCHEMICAL DEVICE COMPRISING THE SAME
(73) LG Chem, Ltd.
(72) SON, Jeong-Man
BAE, Yoon-Jung
(31) 20110090097
20100087091
(32) 06.09.2011
06.09.2010
(33) Korea (Republic)
Korea (Republic)

(51) H01M 2/20
H01M 2/12
H01M 2/02
H01M 2/10
H01R 13/40
H01R 4/02
(11) EP2887427
(21) EP14198461.7
(47) 31.10.2018
(22) 17.12.2014
(54) Battery module with bus-bar holder
(73) Samsung SDI Co., Ltd.
(72) Lee, Jang-Wook
(31) 20130156832
(32) 17.12.2013

(33) Korea (Republic)

(51) H01M 2/26
H01M 2/08
H01M 2/12
H01M 10/04
H01H 37/76
H01H 85/055
H01M 2/06
H01M 2/30
H01M 2/34
H01M 2/02
(11) EP2950371
(21) EP14848723.4
(47) 31.10.2018
(87) KR2014008898
02.04.2015
(22) 24.09.2014
(54) SECONDARY BATTERY AND ELECTRODE LEAD ASSEMBLY APPLIED THERETO
(73) LG Chem, Ltd.
(72) YANG, Jung-Hoon
CHO, Young-Suk
KIM, Jong-Hun
(31) 20130114675
20140127020
(32) 26.09.2013
23.09.2014
(33) Korea (Republic)
Korea (Republic)

(51) H01M 2/30
H01M 2/26
H01M 2/20
H01M 2/10
(11) EP3032614
(21) EP14846628.7
(47) 31.10.2018
(87) KR2014008556
26.03.2015
(22) 15.09.2014
(54) BATTERY MODULE AND BATTERY CELL
(73) LG Chem, Ltd.
(72) CHANG, Sung Kyun
YUM, Juil
YANG, Heekook
(31) 201361878878 P
201314046107
(32) 17.09.2013
04.10.2013
(33) United States of America
United States of America

(51) H01M 2/30
H01M 10/06
H01M 2/08
(11) EP2425478
(21) EP10770446.2
(47) 31.10.2018
(87) US2010033239
04.11.2010
(22) 30.04.2010
(54) BATTERY PARTS HAVING RETAINING AND SEALING FEATURES AND ASSOCIATED METHODS OF MANUFACTURE AND USE
(73) WATER GREMLIN COMPANY
(72) GARIN, Michael, A.
GIFFORD, Kurt, T.
(31) 174344 P
(32) 30.04.2009
(33) United States of America

(51) H01M 2/34
H01M 2/20
H01M 2/10
H01M 10/0525
H01H 37/76
H01H 85/02
(11) EP2887430
(21) EP14800560.6
(47) 31.10.2018
(87) KR2014004159
27.11.2014
(22) 09.05.2014
(54) CONNECTING ELEMENT FOR SECONDARY BATTERY AND SECONDARY BATTERY COMPRISING SAME
(73) LG Chem, Ltd.
(72) YANG, Jung-Hoon
KIM, Jong-Hun
CHO, Young-Suk
PARK, Jeong-Gyu
HAN, Hyun-Gyu
(31) 20130056540
(32) 20.05.2013
(33) Korea (Republic)

(51) H01M 4/04
H01M 4/08
H01M 4/58
H01M 6/16
(11) EP2419950
(21) EP10714518.7
(47) 31.10.2018
(87) US2010030726
21.10.2010
(22) 12.04.2010
(54) METHOD FOR TREATING CATHODE ELECTRODE ASSEMBLIES
(73) Duracell U.S. Operations, Inc.
(72) POZIN, Michael
ISSAEV, Nikolai, Nikolaevich
SLIGER, Michael, Dean
(31) 423195
(32) 14.04.2009
(33) United States of America

(51) H01M 4/04
H01M 4/139
H01M 10/04
H01M 10/052
H01M 10/0562
H01M 10/0585
C25D 13/02
(11) EP2939295
(21) EP13820845.9
(47) 31.10.2018
(87) FR2013053289
03.07.2014
(22) 31.12.2013
(54) METHOD FOR MANUFACTURING ALL-SOLID-STATE BATTERIES IN A MULTILAYER STRUCTURE
(73) I-TEN
(72) GABEN, Fabien
(31) 1262967
(32) 31.12.2012
(33) France

(51) H01M 4/04
H01M 4/38
H01M 4/134
H01M 4/1395
H01M 10/0525
(11) EP3146579
(21) EP15796417.2
(47) 31.10.2018
(87) US2015031808
26.11.2015
(22) 20.05.2015
(54) BATTERY ELECTRODE AND METHOD
(73) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(72) OZKAN, Cengiz S.
OZKAN, Mihrimah
FAVORS, Zachary
(31) 201462001952 P
201562113921 P
(32) 22.05.2014
09.02.2015
(33) United States of America
United States of America

(51) H01M 4/13
H01M 4/36
H01M 4/62
H01M 2/02
H01M 4/131
H01M 4/133
H01M 4/134
H01M 4/485
H01M 4/587
H01M 4/66
H01M 10/0525
H01M 10/0567
H01M 10/0569
H01M 4/505
H01M 4/525
(11) EP2555310
(21) EP11759195.8
(47) 31.10.2018
(87) JP2011055472
29.09.2011
(22) 09.03.2011
(54) NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY
(73) NEC Energy Devices, Ltd.
(72) KAWASAKI, Daisuke
KANEKO, Shinako
IRIYAMA, Jiro
(31) 2010072818
(32) 26.03.2010
(33) Japan

(51) H01M 4/38
C01B 33/02
H01M 4/36
H01M 4/62
H01M 4/134
(11) EP2712842
(21) EP13805212.1
(47) 31.10.2018
(87) KR2013006399
23.01.2014
(22) 17.07.2013
(54) CARBON-SILICON COMPOSITE, METHOD FOR PREPARING SAME, AND CATHODE ACTIVE MATERIAL

COMPRISING CARBON-SILICON COMPOSITE
(73) LG Chem, Ltd.
Korea Advanced Institute Of Science And Technology
(72) KIM, Hyun Wook
KIM, Ki Tae
KIM, Sang Ouk
LEE, Won Jun
(31) 20120079567
20130081680
(32) 20.07.2012
11.07.2013
(33) Korea (Republic)
Korea (Republic)

(51) H01M 4/38
C22C 9/00
C22C 9/01
C22C 9/02
C22C 9/04
C22C 9/06
C22C 9/10
C22C 30/06
H01M 4/36
H01M 4/46
(11) EP3113260
(21) EP15755933.7
(47) 31.10.2018
(87) JP2015000958
03.09.2015
(22) 25.02.2015
(54) NEGATIVE ELECTRODE ACTIVE SUBSTANCE MATERIAL, NEGATIVE ELECTRODE, AND CELL
(73) Nippon Steel & Sumitomo Metal Corporation
(72) YAMAMOTO, Sukeyoshi
NEGI, Noriyuki
NAGATA, Tatsuo
(31) 2014034272
(32) 25.02.2014
(33) Japan

(51) H01M 4/48
H01M 4/36
H01M 4/38
H01M 4/134
H01M 4/1395
H01M 4/587
H01M 4/62
H01M 10/0525
(11) EP3113261
(21) EP15743105.7
(47) 31.10.2018
(87) JP2015000218
06.08.2015
(22) 20.01.2015
(54) NEGATIVE ELECTRODE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, METHOD FOR PRODUCING NEGATIVE ELECTRODE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY,
(73) Shin-Etsu Chemical Co., Ltd.
(72) FURUYA, Masahiro
TAKAHASHI, Kohta
YOSHIKAWA, Hiroki
KAMO, Hiromichi
HIROSE, Takakazu
(31) 2014017555
(32) 31.01.2014
(33) Japan

(51) H01M 4/505
H01M 4/1391
H01M 4/583
H01M 10/052
H01M 4/62
H01M 4/04
H01M 4/131
H01M 4/587
H01M 4/36
(11) EP2650952
(21) EP12833835.7
(47) 31.10.2018
(87) KR2012007540
28.03.2013
(22) 20.09.2012
(54) HIGH-CAPACITY CATHODE ACTIVE MATERIAL AND LITHIUM SECONDARY BATTERY INCLUDING SAME
(73) LG Chem, Ltd.
(72) OH, Song Taek
PARK, Jung Hwan
KIM, Su Hwan
CHUNG, Geun Chang
(31) 20110094787
(32) 20.09.2011
(33) Korea (Republic)

(51) H01M 4/58
C01B 33/20
C01B 25/37
H01M 4/48
H01M 4/62
C01B 17/96
C01B 25/45
H01G 9/00
H01M 4/136
H01M 4/36
H01M 4/485
H01M 4/525
H01M 10/052
H01M 10/0525
H01L 31/0224
(11) EP1325526
(21) EP01973907.7
(47) 31.10.2018
(87) CA2001001350
04.04.2002
(22) 21.09.2001
(54) SYNTHESIS METHOD FOR CARBON MATERIAL BASED ON LixM1-yM'y(XO4)n
(73) Hydro-Québec
UNIVERSITE DE MONTREAL
CNRS
(72) ARMAND, Michel
GAUTHIER, Michel
MAGNAN, Jean-François
RAVET, Nathalie
(31) 2320661
(32) 26.09.2000
(33) Canada

(51) H01M 4/58
H01M 4/62
C01B 25/42
H01G 11/30
H01G 11/86
H01M 4/136
H01G 11/22
C01B 25/45
C01G 45/00
C01G 53/00
H01M 4/36
H01M 10/052
(11) EP2874211
(21) EP14814682.2
(47) 31.10.2018
(87) KR2014008160
12.03.2015
(22) 01.09.2014
(54) TRANSITION METAL-PYROPHOSPHATE ANODE ACTIVE MATERIAL, MANUFACTURING METHOD THEREFOR, AND LITHIUM SECONDARY BATTERY OR HYBRID CAPACITOR COMPRISING SAME
(73) LG Chem, Ltd.
(72) WOO, Sang Wook
RYU, Ji Heon
KIM, Eun Kyung
KIM, Je Young
AN, Sang Jo
HONG, Min Young
(31) 20130106325
(32) 04.09.2013
(33) Korea (Republic)

(51) H01M 4/62
C01G 45/12
H01M 4/505
H01M 4/131
H01M 10/052
C01B 35/12
(11) EP2304828
(21) EP09768968.1
(47) 31.10.2018
(87) EP2009004512
30.12.2009
(22) 23.06.2009
(54) MIXED OXIDE CONTAINING A LITHIUM-MANGANESE SPINEL AND PROCESS FOR PRODUCING IT
(73) Johnson Matthey PLC
(72) VOGLER, Christian
NUSPL, Gerhard
WOHLFAHRT-MEHRENS, Margret
AXMANN, Peter
ARNOLD, Gisela
(31) 102008029804
(32) 24.06.2008
(33) Germany

(51) H01M 4/62
H01M 4/131
H01M 4/36
H01M 4/505
H01M 4/525
H01M 4/58
(11) EP2894703
(21) EP12884109.5
(47) 31.10.2018
(87) JP2012072495
13.03.2014
(22) 04.09.2012

(54) NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) MIZUNO, Tomoyuki
(51) H01M 4/62
H01M 4/134
H01M 10/0525
H01M 4/1395
H01M 4/133
H01M 4/1393
H01M 4/04
H01M 4/02
H01M 4/36
H01M 4/587
(11) EP2573845
(21) EP11182723.4
(47) 31.10.2018
(22) 26.09.2011
(54) Structural active material for battery electrodes
(73) VARTA Micro Innovation GmbH
(72) Scharfegger, Michaela
Kren, Harald
Koller, Stefan
(51) H01M 4/66
H01M 4/587
H01M 4/13
H01M 10/052
H01M 4/133
H01M 4/64
H01M 4/70
H01M 10/42
(11) EP2816645
(21) EP14172976.4
(47) 31.10.2018
(22) 18.06.2014
(54) ENERGY STORAGE DEVICE AND ENERGY STORAGE MODULE
(73) GS Yuasa International Ltd.
(72) NAKAI, Kenta
MIYAZAKI, Akihiko
KAKO, Tomonori
MORI, Sumio
(31) 2013127744
2014122574
(32) 18.06.2013
13.06.2014
(33) Japan
Japan
(51) H01M 4/78
H01M 4/48
H01M 4/50
H01M 4/62
H01G 11/24
H01G 11/30
H01G 11/46
H01M 4/06
H01M 6/40
(11) EP2899784
(21) EP15152198.6
(47) 31.10.2018
(22) 22.01.2015
(54) Diatomaceous energy storage devices
(73) Printed Energy Pty Ltd
(72) Lockett, Vera N.
Gustafson, John G.
Ray, William J.
Lowenthal, Mark D.
(31) 201414161658
(32) 22.01.2014
(33) United States of America
(51) H01M 4/80
H01M 4/86
H01M 8/0232
H01M 8/0245
C25B 15/08
H01M 8/04082
(11) EP2862221
(21) EP13731227.8
(47) 31.10.2018
(87) US2013045474
19.12.2013
(22) 12.06.2013
(54) FLOW STRUCTURES FOR USE WITH AN ELECTROCHEMICAL CELL
(73) Nuvera Fuel Cells, LLC
(72) BLANCHET, Scott
VAN BOEYEN, Roger
(31) 201261659302 P
201361817682 P
(32) 13.06.2012
30.04.2013
(33) United States of America
United States of America
(51) H01M 4/86
H01M 4/88
H01M 4/92
H01M 8/1004
(11) EP2164122
(21) EP08777570.6
(47) 31.10.2018
(87) JP2008061513
08.01.2009
(22) 25.06.2008
(54) MEMBRANE ELECTRODE ASSEMBLY AND PROCESS FOR PRODUCING MEMBRANE ELECTRODE ASSEMBLY
(73) Toppan Printing Co., Ltd.
(72) MORIOKA, Hiroyuki
HABA, Yasuhiro
OKADA, Saori
IIO, Keiichi
(31) 2007172630
2007172637
(32) 29.06.2007
29.06.2007
(33) Japan
Japan
(51) H01M 4/92
H01M 8/1018
(11) EP2659967
(21) EP10861327.4
(47) 31.10.2018
(87) CN2010080449
05.07.2012
(22) 29.12.2010
(54) PT-RU NANO-ALLOY/GRAPHENE CATALYST, PREPARATION METHOD AND USE THEREOF
(73) Ocean's King Lighting Science&Technology Co., Ltd.
(72) ZHOU, Mingjie
ZHONG, Linglong
WANG, Yaobing
(51) H01M 8/0221
H01M 8/0226
H01M 8/0239
H01M 8/0243
H01M 8/0234
H01M 8/0245
(11) EP3041076
(21) EP15202112.7
(47) 31.10.2018
(22) 22.12.2015
(54) FUEL CELL SEPARATING PLATE AND METHOD OF MANUFACTURING THE SAME
(73) Hankook Tire Co., Ltd.
(72) Ihm, Jae Wook
Kim, Jeong Heon
(31) 20150000100
(32) 02.01.2015
(33) Korea (Republic)
(51) H01M 8/04
H01M 8/12
(11) EP3114723
(21) EP15714853.7
(47) 31.10.2018
(87) FR2015050449
11.09.2015
(22) 25.02.2015
(54) METHOD FOR THE DETECTION OF THE OXIDATION STATE OF A METAL ANODE IN AN ELECTROCHEMICAL DEVICE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) MOREL, Bertrand
(31) 1451708
(32) 03.03.2014
(33) France
(51) H01M 8/04014
F23G 7/06
F23D 14/02
F23C 7/00
(11) EP3235031
(21) EP15807987.1
(47) 31.10.2018
(87) GB2015053683
23.06.2016
(22) 02.12.2015
(54) IMPROVED SWIRL BURNER WITH FUEL INJECTION UPSTREAM AND DOWNSTREAM OF THE SWIRLER
(73) Ceres Intellectual Property Company Limited
(72) SCHMIDT, Martin
BARNARD, Paul
TOHER, Tony
(31) 201422845
(32) 19.12.2014
(33) United Kingdom
(51) H01M 8/04089
F02D 9/10
F16K 1/22
H01M 8/04082
(11) EP3235035
(21) EP15816423.6
(47) 31.10.2018
(87) EP2015079800
23.06.2016
(22) 15.12.2015
(54) VALVE DEVICE IN A MOTOR VEHICLE
(73) Continental Automotive GmbH
(72) MONTIGNY, Rainer Johannes

KOPP, Stefan
(31) 102014226728
(32) 19.12.2014
(33) Germany

(51) H01M 8/04746
H01M 8/04014
C01B 3/38
H01M 8/04302
H01M 8/04225
H01M 8/0612
F23N 5/00
H01M 8/124
H01M 8/243
H01M 8/04089
(11) EP3136485
(21) EP15782495.4
(47) 31.10.2018
(87) JP2015000572
29.10.2015
(22) 09.02.2015
(54) SOLID OXIDE FUEL CELL
(73) Panasonic Corporation
(72) SAKAI, Osamu
FUJITA, Tatsuo
UKAI, Kunihiro
KAKUWA, Takashi
SAKAMOTO, Taiichiro
OOE, Toshiharu
(31) 2014090930
(32) 25.04.2014
(33) Japan

(51) H01M 8/10
H01M 8/02
H01M 4/86
C08L 79/04
H01M 8/1027
H01M 8/1025
H01M 8/1032
(11) EP3125349
(21) EP15768211.3
(47) 31.10.2018
(87) KR2015002932
01.10.2015
(22) 25.03.2015
(54) POLYMER ELECTROLYTE MEMBRANE, AND MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL CONTAINING SAME
(73) Kolon Industries, Inc.
(72) KIM, Na Young
LEE, Moo Seok
LEE, Dong Hoon
SHIN, Yong Cheol
(31) 20140036467
(32) 28.03.2014
(33) Korea (Republic)

(51) H01M 8/1004
H01M 8/1072
H01M 8/083
(11) EP2973821
(21) EP14778433.4
(47) 31.10.2018
(87) US2014024296
09.10.2014
(22) 12.03.2014
(54) PREPARATION OF ADVANCED CCMS FOR AMFCS BY AMINATION AND CROSS-LINKING OF THE PRECURSOR FORM OF THE IONOMER AND AMFC COMPRISING THE CCM
(73) Elbit Systems Land and C4I Ltd.
(72) DEKEL, Dario
GOTTESFELD, Shimshon
(31) 201361778921 P
(32) 13.03.2013
(33) United States of America

(51) H01M 8/2425
H01M 8/0236
H01M 8/0232
H01M 8/248
H01M 8/0258
(11) EP3235043
(21) EP15808648.8
(47) 31.10.2018
(87) EP2015079704
23.06.2016
(22) 15.12.2015
(54) ELECTROCHEMICAL POWER GENERATOR OF THE SOFC TYPE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) VULLIET, Julien
(31) 1462578
(32) 17.12.2014
(33) France

(51) H01M 10/04
H01M 2/16
H01M 4/04
(11) EP2892102
(21) EP14837058.8
(47) 31.10.2018
(87) KR2014008922
02.04.2015
(22) 25.09.2014
(54) METHOD FOR MANUFACTURING ELECTRODE ASSEMBLY
(73) LG Chem, Ltd.
(72) KU, Dae Geun
KIM, Hyuk Su
HUH, Jun Woo
(31) 20130114245
(32) 26.09.2013
(33) Korea (Republic)

(51) H01M 10/04
H01M 10/0562
H01M 2/10
H01M 10/0525
H01M 10/058
H01B 1/06
H01B 1/12
(11) EP3089254
(21) EP14874738.9
(47) 31.10.2018
(87) JP2014082874
02.07.2015
(22) 11.12.2014
(54) SOLID-STATE LITHIUM BATTERY, SOLID-STATE LITHIUM BATTERY MODULE, AND METHOD FOR PRODUCING SOLID-STATE LITHIUM BATTERY
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) OHTOMO, Takamasa
YAMASAKI, Hisatsugu
NAGASE, Hiroshi
(31) 2013269067
(32) 26.12.2013
(33) Japan

(51) H01M 10/052
H01M 10/058
H01M 4/36
H01M 4/485
H01M 4/525
H01M 4/58
H01M 4/505
C01G 45/12
C01G 51/00
C01G 53/00
H01M 4/52
H01M 4/131
H01M 4/1391
H01M 4/62
(11) EP2690699
(21) EP12837536.7
(47) 31.10.2018
(87) KR2012007755
04.04.2013
(22) 26.09.2012
(54) POSITIVE ELECTRODE ACTIVE MATERIAL HAVING IMPROVED SAFETY AND LIFESPAN CHARACTERISTICS, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
(73) LG Chem, Ltd.
Korea Advanced Institute Of Science And Technology
Industry Foundation Of Chonnam National University
(72) OH, Song Taek
KANG, Ki Suk
SEO, Dong Hwa
HONG, Ji Hyun
KIM, Jae Kook
(31) 20110096893
(32) 26.09.2011
(33) Korea (Republic)

(51) H01M 10/0525
H01M 4/36
H01M 4/48
H01M 4/52
H01M 4/587
H01M 4/02
(11) EP3147988
(21) EP14892859.1
(47) 31.10.2018
(87) JP2014063147
26.11.2015
(22) 19.05.2014
(54) NEGATIVE ELECTRODE MATERIAL, NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, LITHIUM ION SECONDARY BATTERY, AND PROCESS FOR PRODUCING SAME
(73) Hitachi, Ltd.
(72) TANAKA, Naokage
HOSHI, Kento
SUZUKI, Shuichi
HARUNA, Hiroshi

(51) H01M 10/0567
H01M 4/36
H01M 4/587
H01M 10/0525
H01M 4/38

(11) EP3203569
(21) EP15846631.8
(47) 31.10.2018
(87) JP2015077582
07.04.2016
(22) 29.09.2015
(54) NONAQUEOUS ELECTROLYTE, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAME
(73) Mitsubishi Chemical Corporation
(72) NAKAZAWA, Eiji
SAWA, Shuhei
(31) 2014201660
(32) 30.09.2014
(33) Japan

(51) H01M 10/0567
H01M 10/0569
H01M 10/052
(11) EP2930777
(21) EP15160913.8
(47) 31.10.2018
(22) 25.03.2015
(54) ELECTROLYTE FOR RECHARGEABLE LITHIUM BATTERY AND RECHARGEABLE LITHIUM BATTERY INCLUDING THE SAME
(73) Samsung SDI Co., Ltd.
(72) Han, Sang-Il
Kim, Duck-Hyun
Park, Young Sam
Kim, Moon-Sung
Shin, Woo-Cheol
Kim, Bong-Chull
Lee, Jeong-Hye
Cho, E-Rang
Lee, Min-Young
Yang, Ho-Seok
Kim, Byung-Hwa
Park, Young-Hwan
(31) 20140042634
(32) 09.04.2014
(33) Korea (Republic)

(51) H01M 10/058
H01M 10/04
H01M 2/02
H01M 10/0525
H01M 10/0587
H01M 10/0585
H01M 10/0565
(11) EP3168919
(21) EP16195956.4
(47) 31.10.2018
(22) 18.11.2013
(54) ELECTRODE ASSEMBLY INCLUDING ELECTRODE UNITS HAVING THE SAME WIDTH AND DIFFERENT LENGTHS, AND BATTERY CELL AND DEVICE INCLUDING THE ELECTRODE ASSEMBLY
(73) Lg Chem, Ltd.
(72) Kwon, Sung-Jin
Kim, Ki-Woong
Ahn, Soon-Ho
Kim, Dong-Myung
Kim, Young-Hoon
Yoon, Sung-Han
Ryu, Seung-Min
(31) 20120133154
20130028289
20130137566
(32) 22.11.2012
15.03.2013
13.11.2013
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) H01M 10/058
H01M 10/052
H01M 10/04
H01M 10/0525
H01M 10/0587
H01M 4/02
(11) EP3168918
(21) EP15848708.2
(47) 31.10.2018
(87) KR2015009703
14.04.2016
(22) 16.09.2015
(54) ELECTRODE ASSEMBLY WOUND IN BOTH DIRECTIONS, AND LITHIUM SECONDARY BATTERY COMPRISING SAME
(73) LG Chem, Ltd.
(72) CHO, Won Bin
AN, In Gu
YUN, Hyung Ku
KIM, Dong-Myung
(31) 20140134776
(32) 07.10.2014
(33) Korea (Republic)

(51) H01M 10/0585
H01M 10/0562
H01M 10/0565
H01M 10/0525
H01M 10/42
H01M 4/04
H01M 10/058
H01M 10/44
H01M 4/139
H01M 10/04
G01R 31/36
G01R 31/02
(11) EP2660923
(21) EP11853159.9
(47) 31.10.2018
(87) JP2011080058
05.07.2012
(22) 26.12.2011
(54) MANUFACTURING METHOD FOR ALL-SOLID LITHIUM SECONDARY BATTERY, AND INSPECTION METHOD FOR ALL-SOLID LITHIUM SECONDARY BATTERY
(73) Baba, Mamoru
(72) YE, Rongbin
KIKUCHI, Masashi
BABA, Mamoru
(31) 2010290977
(32) 27.12.2010
(33) Japan

(51) H01M 10/44
H01M 10/46
H01M 10/48
E06B 9/68
H02J 7/35
H02J 7/00
H01M 10/0525
(11) EP3220471
(21) EP17161451.4
(47) 31.10.2018
(22) 16.03.2017
(54) METHOD OF CHARGING A BATTERY OF ELECTROCHEMICAL ACCUMULATORS AND DEVICE FOR CONTROLLING THE CHARGING
(73) BUBENDORFF Société Anonyme
Commissariat à l'Energie Atomique et aux Energies Alternatives
(72) KLEIN, Jean-Marie
DESMOULIERE, Jean-Baptiste
ZARA, Henri
(31) 1652325
(32) 18.03.2016
(33) France

(51) H01M 10/44
H01M 10/48
H02J 7/00
H01M 10/42
(11) EP2681798
(21) EP12708803.7
(47) 31.10.2018
(87) EP2012053683
07.09.2012
(22) 02.03.2012
(54) BATTERY WITH INDIVIDUAL CELL MANAGEMENT
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) DESPESSE, Ghislain
(31) 1151688
1155933
(32) 02.03.2011
01.07.2011
(33) France
France

(51) H01M 10/48
B60L 11/18
H02J 7/00
(11) EP2919360
(21) EP13853326.0
(47) 31.10.2018
(87) JP2013076074
15.05.2014
(22) 26.09.2013
(54) VOLTAGE EQUALIZATION DEVICE
(73) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(72) YAMAMOTO, Satoshi
HIROSE, Shinji
MAKISHI, Wataru
(31) 2012244980
(32) 07.11.2012
(33) Japan

(51) H01M 10/48
H01M 2/20
H01M 2/30
G01R 31/36
H01M 10/42
(11) EP3018754
(21) EP14819532.4
(47) 31.10.2018
(87) JP2014003456
08.01.2015
(22) 30.06.2014

(54) BATTERY STATE DETECTION APPARATUS AND METHOD FOR MANUFACTURING SAME
(73) Furukawa Automotive Systems Inc.
Furukawa Electric Co., Ltd.
(72) TANIGAWA, Tomoaki
IWASAKI, Fumitaka
MOTOSUGI, Norihito
TANAKA, Yoshikazu
(31) 2013140098
(32) 03.07.2013
(33) Japan

(51) H01M 10/6567
H01M 10/625
A62C 3/07
A62C 3/16
(11) EP3204978
(21) EP15771687.9
(47) 31.10.2018
(87) FR2015052449
14.04.2016
(22) 14.09.2015
(54) BATTERY SYSTEM FOR VEHICLE, COMPRISING SLOPES FOR DISTRIBUTING COOLING WATER
(73) PSA Automobiles SA
(72) FLOQUET, Stephane
FERIOT, Bertrand
PINSON, Mathieu
DESJARDINS, Walter
(31) 1459681
(32) 09.10.2014
(33) France

(51) H01P 5/18
(11) EP2245695
(21) EP09706989.2
(47) 31.10.2018
(87) US2009000084
06.08.2009
(22) 08.01.2009
(54) IMPROVED SPIRAL COUPLER
(73) Hittite Microwave LLC
(72) JIANG, Xin
(31) 11724
(32) 29.01.2008
(33) United States of America

(51) H01Q 1/12
H01Q 5/371
H01Q 9/42
H01Q 21/30
(11) EP3101733
(21) EP14879590.9
(47) 31.10.2018
(87) JP2014081370
30.07.2015
(22) 27.11.2014
(54) GLASS ANTENNA
(73) CENTRAL GLASS COMPANY, LIMITED
(72) KAIHATSU, Masanori
KATADA, Yuji
KOBAYASHI, Hisashi
KITAMURA, Akifumi
(31) 2014012484
(32) 27.01.2014
(33) Japan

(51) H01Q 1/24
H01Q 1/48
(11) EP2381527
(21) EP10160785.1
(47) 31.10.2018
(22) 22.04.2010
(54) Antenna assembly with electrically extended ground plane arrangement and associated method
(73) BlackBerry Limited
(72) Ali, Shirook M.
Warden, James Paul
Wilson, Kelce Steven

(51) H01Q 1/24
H01Q 9/42
H01Q 9/04
H01Q 1/48
H01Q 5/364
(11) EP2553759
(21) EP10757549.0
(47) 31.10.2018
(87) US2010049543
06.10.2011
(22) 20.09.2010
(54) MULTIBAND ANTENNAS FORMED FROM BEZEL BANDS WITH GAPS
(73) Apple Inc.
(72) NICKEL, Josh
ZAVALA, Juan
ZHOU, Yijun
PASCOLINI, Mattia
SCHLUB, Robert, W.
CABALLERO, Ruben
(31) 752966
(32) 01.04.2010
(33) United States of America

(51) H01Q 1/27
H01Q 1/44
G04R 60/04
G04G 21/04
(11) EP1513220
(21) EP03019977.2
(47) 31.10.2018
(22) 03.09.2003
(54) Patch antenna integrated in a wrist-watch
(73) The Swatch Group Research and Development Ltd
(72) Casagrande, Arnaud
Oesch, Yves

(51) H01Q 1/32
H01Q 9/16
H01Q 1/12
H01Q 5/00
(11) EP2581983
(21) EP11795510.4
(47) 31.10.2018
(87) JP2011061633
22.12.2011
(22) 20.05.2011
(54) WINDOW-GLASS ANTENNA FOR VEHICLE
(73) Central Glass Company, Limited
(72) KATADA, Yuji
YAMAMOTO, Masahiro
KAIHATSU, Masanori
(31) 2011046057
2010136841
(32) 03.03.2011
16.06.2010
(33) Japan
Japan

(51) H01Q 1/36
G02F 1/35
H01Q 1/34
(11) EP1524721
(21) EP04292382.1
(47) 31.10.2018
(22) 07.10.2004
(54) Method for transmitting an electromagnetic signal and associated antenna
(73) Etat français représenté par le Délégué Général pour l'Armement
(72) Pellet, Michel
(31) 0312146
(32) 17.10.2003
(33) France

(51) H01Q 3/32
H01Q 1/24
H01P 1/18
H01Q 3/26
H01Q 3/30
(11) EP1723693
(21) EP05728084.4
(47) 31.10.2018
(87) FR2005050129
15.09.2005
(22) 25.02.2005
(54) ANTENNA WITH VARIABLE MISALIGNMENT COMPRISING AT LEAST ONE PHASE-CHANGING ELEMENT
(73) Jaybeam Limited
Jaybeam Wireless SAS
(72) PALLONE, Anthony
SOULIE, Frank
(31) 0450352
(32) 25.02.2004
(33) France

(51) H01Q 3/36
G01S 3/42
H01Q 3/26
G01S 3/02
(11) EP2392048
(21) EP10735436.7
(47) 31.10.2018
(87) AU2010000091
05.08.2010
(22) 29.01.2010
(54) HYBRID ADAPTIVE ANTENNA ARRAY
(73) Commonwealth Scientific and Industrial Research Organisation
(72) GUO, Yingjie, Jay
BUNTON, John, David
DYADYUK, Valeriy
HUANG, Xiaojing
(31) 2009900371
(32) 02.02.2009
(33) Australia

(51) H01Q 13/08
H01Q 13/00
H01Q 9/04
H01Q 19/10
H01Q 19/28
(11) EP2353207
(21) EP09826882.4
(47) 31.10.2018
(87) US2009064486
20.05.2010
(22) 13.11.2009

(54) WIRELESS ANTENNA FOR EMITTING CONICAL RADIATION
(73) Microsoft Technology Licensing, LLC
(72) DEJEAN II, Gerald Reuben
(31) 269886
(32) 13.11.2008
(33) United States of America

(51) H01Q 13/10
H01Q 9/04
H01Q 9/42
H01Q 1/48
H01Q 21/28
H01Q 21/30
H01Q 1/24
(11) EP2109185
(21) EP09004496.7
(47) 31.10.2018
(22) 27.03.2009
(54) Hybrid antennas for electronic devices
(73) Apple Inc.
(72) Hill, Robert J.
Myers, Scott
Schlub, Robert W.
Darnell, Dean Floyd
Zhang, Zhijun
(31) 44448 P
120012
(32) 11.04.2008
13.05.2008
(33) United States of America
United States of America

(51) H01Q 15/23
H01Q 3/10
H01Q 3/12
H01Q 3/18
H01Q 3/20
H01Q 15/00
H01Q 3/46
H01Q 15/14
H01Q 19/13
(11) EP2919322
(21) EP13853937.4
(47) 31.10.2018
(87) CN2013086773
15.05.2014
(22) 08.11.2013
(54) REFLECTIVE ARRAY SURFACE AND REFLECTIVE ARRAY ANTENNA
(73) Kuang-chi Innovative Technology Ltd.
(72) LIU, Ruopeng
JI, Chunlin
LI, Xingkun
(31) 201210447826
201210447607
201210447599
201210447464
201210447684
(32) 09.11.2012
09.11.2012
09.11.2012
09.11.2012
09.11.2012
(33) China
China
China
China
China

(51) H01R 4/18
B23K 26/20
H01R 43/02
H01R 43/048
(11) EP3017509
(21) EP14730750.8
(47) 31.10.2018
(87) EP2014001616
08.01.2015
(22) 14.06.2014
(54) METHOD FOR CONNECTING AN ELECTRICAL CONDUCTOR TO AN ELECTRICAL CONTACT PART
(73) Audi AG
Schäfer Werkzeug- und Sondermaschinenbau GmbH
(72) BAUER, Hans
SCHÄFER, Markus
WOLFF, Hansjörg
(31) 102013010981
(32) 01.07.2013
(33) Germany

(51) H01R 4/48
(11) EP3142192
(21) EP16185337.9
(47) 31.10.2018
(22) 23.08.2016
(54) SPRING FORCE CONNECTION
(73) Wieland Electric GmbH
(72) Stollberger, Ralf
(31) 102015115425
(32) 14.09.2015
(33) Germany

(51) H01R 9/05
(11) EP3086418
(21) EP16166196.2
(47) 31.10.2018
(22) 20.04.2016
(54) CENTRAL MEMBER FOR SOCKET ASSEMBLY FOR FLUSH-MOUNTED INSTALLATION IN A WALL
(73) Niko NV
(72) Devenyn, Diederik Jozef Luc
(31) 201505257
(32) 21.04.2015
(33) Belgium

(51) H01R 9/24
H01R 13/447
H01R 13/502
H01R 13/514
H01R 13/6593
H02G 3/08
(11) EP2827453
(21) EP14177002.4
(47) 31.10.2018
(22) 15.07.2014
(54) Housing of an electronic device
(73) Televés, S.A.
(72) Lago Rama, Manuel
(31) 201300672
(32) 16.07.2013
(33) Spain

(51) H01R 13/28
H01R 13/193
(11) EP2551963
(21) EP11006296.5
(47) 31.10.2018
(22) 29.07.2011
(54) Electric connecting element
(73) Delphi Technologies, Inc.
(72) Bäumer, Peter
Woeste, Guido

(51) H01R 13/41
H01R 12/91
H01R 13/502
(11) EP2903096
(21) EP15153018.5
(47) 31.10.2018
(22) 29.01.2015
(54) Electrical connector
(73) Tyco Electronics Japan G.K.
Toyota Jidosha Kabushiki Kaisha
(72) Akiguchi, Tetsuro
Ueda, Kazuhiko
Nozawa, Natsuki
Ozaki, Hitoshi
Noguchi, Masao
Harada, Arata
(31) 2014019323
(32) 04.02.2014
(33) Japan

(51) H01R 13/432
H01R 13/642
H01R 43/16
H01R 13/11
(11) EP2797173
(21) EP13165648.0
(47) 31.10.2018
(22) 26.04.2013
(54) Electrical terminal with a locking lance and manufacturing process thereof
(73) Delphi Technologies, Inc.
(72) Frimmersdorf, Gregor
Cvasa, Eduard

(51) H01R 13/447
H02G 3/14
H01R 24/76
(11) EP3079209
(21) EP15001005.6
(47) 31.10.2018
(22) 09.04.2015
(54) FIXING DEVICE
(73) TCS TürControlSysteme AG
(72) Gummert, Gerald

(51) H01R 13/52
(11) EP1872445
(21) EP05745583.4
(47) 31.10.2018
(87) EP2005005204
19.10.2006
(22) 11.04.2005
(54) IMPROVED GROMMET-TYPE JOINT FOR ELECTRICAL CONNECTOR, AND ELECTRICAL CONNECTOR COMPRISING SUCH A JOINT
(73) Delphi International Operations Luxembourg S.à r.l.
(72) CHAZOTTES, Frédéric
CAMPFORT, Christian

(51) H01R 13/52
F16J 15/00
(11) EP3020100
(21) EP14822774.7
(47) 31.10.2018
(87) US2014040457
15.01.2015

(22) 02.06.2014
(54) INTERCONNECTION SEAL
(73) CommScope Technologies LLC
(72) VACCARO, Ronald
(31) 201313938475
(32) 10.07.2013
(33) United States of America

(51) H01R 13/52
H01R 13/523
H01R 13/533
E21B 33/038
E21B 17/02
H02G 15/04
(11) EP2865054
(21) EP13742456.0
(47) 31.10.2018
(87) EP2013065984
10.04.2014
(22) 30.07.2013
(54) DOWNHOLE CABLE TERMINATION APPARATUS AND METHOD THEREOF
(73) Siemens Aktiengesellschaft
(72) BURROW, Christopher
SIMMONDS, Mark
(31) 201217790
201261709498 P
(32) 04.10.2012
04.10.2012
(33) United Kingdom
United States of America

(51) H01R 13/58
H01R 13/506
(11) EP2924812
(21) EP15160639.9
(47) 31.10.2018
(22) 24.03.2015
(54) ELECTRIC PLUG CONNECTOR
(73) TELEGÄRTNER KARL GÄRTNER GMBH
(72) Thelen, Maik
(31) 102014104449
(32) 28.03.2014
(33) Germany

(51) H01R 13/66
H02H 5/04
H01R 24/30
H01R 13/713
H01R 103/00
H02H 3/05
(11) EP2884600
(21) EP14193974.4
(47) 31.10.2018
(22) 20.11.2014
(54) Power cord
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) Kawamoto, Takashi
Kondou, Maki
Tomiyama, Ryota
(31) 2013257877
(32) 13.12.2013
(33) Japan

(51) H01R 31/06
H01R 13/6585
H01R 12/72
H01R 13/631
H01R 13/6587
H01R 12/71
H01R 13/6583
H01R 107/00
(11) EP2862243
(21) EP13719714.1
(47) 31.10.2018
(87) DE2013100124
27.12.2013
(22) 05.04.2013
(54) INSULATING BODY OF A PLUG-IN CONNECTOR
(73) HARTING Electronics GmbH
(72) SCHREIER, Stephan
GENAU, Melanie
(31) 102012105257
(32) 18.06.2012
(33) Germany

(51) H01S 1/00
(11) EP2883288
(21) EP13828175.3
(47) 31.10.2018
(87) KR2013001909
13.02.2014
(22) 08.03.2013
(54) ELECTROMAGNETIC WAVE GENERATOR AND BIT GENERATOR USING OSCILLATION OF CHARGED PARTICLES
(73) Samsung Electronics Co., Ltd.
(72) CHO, Sungnae
(31) 20120086940
20130009448
(32) 08.08.2012
28.01.2013
(33) Korea (Republic)
Korea (Republic)

(51) H01S 1/02
G01R 33/343
H01P 7/08
(11) EP2856582
(21) EP13725742.4
(47) 31.10.2018
(87) GB2013051385
28.11.2013
(22) 24.05.2013
(54) DEVICE AND METHOD FOR GENERATING STIMULATED EMISSION OF MICROWAVE OR RADIO FREQUENCY RADIATION
(73) Imperial Innovations Limited
(72) BREEZE, Jonathan David Baxendale
ALFORD, Neil McNeill
(31) 201209246
(32) 25.05.2012
(33) United Kingdom

(51) H01S 3/067
H01S 3/113
H01S 3/08
(11) EP2487762
(21) EP11193580.5
(47) 31.10.2018
(22) 14.12.2011
(54) Eye-safe Q-switched short pulse fiber laser
(73) Raytheon Company
(72) Stultz, Robert
Filgas, David
Ushinsky, Michael
(31) 201113017648
(32) 31.01.2011
(33) United States of America

(51) H01S 3/10
H01S 3/06
H01S 5/0683
(11) EP2816678
(21) EP13748512.4
(47) 31.10.2018
(87) JP2013000660
22.08.2013
(22) 07.02.2013
(54) RELAY DEVICE, AND EXCITATION LIGHT SUPPLY DEVICE AND EXCITATION LIGHT SUPPLY METHOD THEREFOR
(73) NEC Corporation
(72) KAWAI, Motoyoshi
(31) 2012029601
(32) 14.02.2012
(33) Japan

(51) H01S 3/105
H01S 3/081
H05G 2/00
(11) EP2979337
(21) EP13880496.8
(47) 31.10.2018
(87) JP2013075379
02.10.2014
(22) 12.09.2013
(54) OPTICAL RESONATOR SYSTEM
(73) Inter-University Research Institute Corporation High Energy Accelerator Research Organization
(72) URAKAWA, Junji
SAKAUE, Kazuyuki
(31) 201361805026 P
201361830442 P
(32) 25.03.2013
03.06.2013
(33) United States of America
United States of America

(51) H01S 5/40
H01S 5/065
H01S 5/042
(11) EP2756565
(21) EP12769995.7
(47) 31.10.2018
(87) EP2012067824
21.03.2013
(22) 12.09.2012
(54) WAVELENGTH TUNABLE COMB SOURCE
(73) Dublin City University
(72) ANANDARAJAH, Prince
LATKOWSKI, Slywester
BARRY, Liam
(31) 201115742
(32) 12.09.2011
(33) United Kingdom

(51) H01T 13/04
H01T 13/20
(11) EP2469555
(21) EP10817015.0
(47) 31.10.2018
(87) JP2010064059
24.03.2011
(22) 20.08.2010
(54) SPARK PLUG
(73) NGK SPARK PLUG CO., LTD.
(72) KATO Tomoaki

(31) 2009216621
(32) 18.09.2009
(33) Japan

(51) H01T 13/05
H01T 13/34
H01T 21/02
(11) EP2846425
(21) EP14183601.5
(47) 31.10.2018
(22) 04.09.2014
(54) Spark plug
(73) NGK Spark Plug Co., Ltd.
(72) Kita, Jumpei
Yoshida, Haruki
Mizuno, Takamitsu
(31) 2013185850
(32) 09.09.2013
(33) Japan

(51) H01T 13/20
F02P 13/00
H01T 13/46
H01T 21/02
(11) EP2704270
(21) EP12777255.6
(47) 31.10.2018
(87) JP2012001564
01.11.2012
(22) 07.03.2012
(54) SPARK PLUG AND PRODUCTION METHOD THEREFOR
(73) NGK Spark Plug Co., Ltd.
(72) SAKAKURA, Yasushi
MATSUNAGA, Yuichi
(31) 2011096767
(32) 25.04.2011
(33) Japan

(51) H01T 13/20
H01T 13/32
(11) EP2741383
(21) EP12819201.0
(47) 31.10.2018
(87) JP2012003160
07.02.2013
(22) 15.05.2012
(54) SPARK PLUG
(73) NGK Spark Plug Co., Ltd.
(72) KASUYA, Yuji
KATAOKA, Yoshikazu
(31) 2011169698
(32) 03.08.2011
(33) Japan

(51) H01T 13/20
H01T 13/38
(11) EP2854243
(21) EP14186862.0
(47) 31.10.2018
(22) 29.09.2014
(54) Ignition plug
(73) NGK Spark Plug Co., Ltd.
(72) Saji, Toshimasa
Kurono, Hirokazu
Honda, Toshitaka
(31) 2013202872
(32) 30.09.2013
(33) Japan

(51) H02B 1/20
(11) EP2670006
(21) EP11856750.2
(47) 31.10.2018
(87) CN2011001225
02.08.2012
(22) 26.07.2011
(54) PLUG-IN TYPE BUS BAR
(73) Yueqing Gaoke Environmental Co., Ltd.
(72) LI, Jing
LIU, Xiangrong
(31) 201110030414
(32) 27.01.2011
(33) China

(51) H02B 1/30
H02B 1/38
H02B 1/044
(11) EP3116077
(21) EP15175623.6
(47) 31.10.2018
(22) 07.07.2015
(54) ACCESSORY KIT FOR RETROFITTING INTERVENTIONS IN A LV OR MV SWITCHGEAR
(73) ABB Schweiz AG
(72) Magoni, Giorgio
Gatti, Callisto
Egman, Marco
Deck, Bernhard

(51) H02B 11/127
H02B 1/36
H01H 3/58
(11) EP2899817
(21) EP14152134.4
(47) 31.10.2018
(22) 22.01.2014
(54) Insertion frame for an electric switching device and insertion device
(73) Siemens Aktiengesellschaft
(72) Dostal, Ladislav
Jerabek, Lukas

(51) H02G 3/14
E05C 9/04
(11) EP2784888
(21) EP13161115.4
(47) 31.10.2018
(22) 26.03.2013
(54) Electrical installation box
(73) ABB Schweiz AG
(72) Pezzato, Maurizio
Gramola, Simone

(51) H02G 3/30
B60R 16/02
(11) EP2975715
(21) EP15182477.8
(47) 31.10.2018
(22) 22.02.2008
(54) WIRE HARNESS FIXING TOOL
(73) Sumitomo Wiring Systems, Ltd.
Toyota Jidosha Kabushiki Kaisha
(72) MIZUTANI, Tatsuhiko
SUGIYAMA, Toshiya
KATO, Hiroshi
HATTORI, Hideki
SAKATA, Tsutomu
FUJISAWA, Atsushi
(31) 2007047589
(32) 27.02.2007
(33) Japan

(51) H02G 5/00
H02B 13/00
H02G 5/06
H01H 33/24
(11) EP2756568
(21) EP12761578.9
(47) 31.10.2018
(87) EP2012067776
21.03.2013
(22) 12.09.2012
(54) BUSBAR CONNECTION
(73) Eaton Industries (Netherlands) B.V.
(72) BINNENDIJK, Marten
LAMMERS, Arend
(31) 11180845
(32) 12.09.2011
(33) European Patent Office (EPO)

(51) H02G 11/02
(11) EP3053233
(21) EP14772213.6
(47) 31.10.2018
(87) GB2014052862
02.04.2015
(22) 19.09.2014
(54) LINK ASSEMBLY AND CABLE PROTECTOR
(73) Ultra Electronics Limited
(72) VAUGHAN, Richard
SALTHOUSE, Mark
BIGGADIKE, Christopher
(31) 201317306
(32) 30.09.2013
(33) United Kingdom

(51) H02G 15/184
G01R 15/16
G01R 19/00
(11) EP2608339
(21) EP12177024.2
(47) 31.10.2018
(22) 19.07.2012
(54) Sensored cable for a power network
(73) 3M Innovative Properties Company
(72) Weinmann, Christian
Kurzhals, Holger
Stalder, Michael
Eggert, Sebastian
(31) 11194804
(32) 21.12.2011
(33) European Patent Office (EPO)

(51) H02J 3/16
H02J 3/18
H02J 13/00
(11) EP2525462
(21) EP12167504.5
(47) 31.10.2018
(22) 10.05.2012
(54) Demand response management system and method with VAR support
(73) General Electric Company
(72) Schmid, James Joseph
Black, Jason Wayne
(31) 201113108510
(32) 16.05.2011
(33) United States of America

(51) H02J 3/18
H02J 3/01
(11) EP3007297
(21) EP14800425.2

(47) 31.10.2018
(87) JP2014063542
27.11.2014
(22) 22.05.2014
(54) MULTILEVEL CONVERTER FOR REACTIVE POWER COMPENSATION
(73) Kabushiki Kaisha Toshiba
(72) NAKAZAWA, Yosuke
HASEGAWA, Ryuta
TAMADA, Shunsuke
MURAO, Takeru
IROKAWA, Shoichi
(31) 2013109749
(32) 24.05.2013
(33) Japan

(51) H02J 3/38
(11) EP2933895
(21) EP14001342.6
(47) 31.10.2018
(22) 14.04.2014
(54) Control method and system with an inverter, a direct current source and a further direct current source or a direct current sink
(73) AmbiBox GmbH
(72) Fieber, Kai
Przybilla, Manfred
Lehrmann, Sascha

(51) H02J 3/38
H02M 7/48
G05F 1/67
H02M 3/335
(11) EP3008789
(21) EP14731148.4
(47) 31.10.2018
(87) DK2014050158
18.12.2014
(22) 04.06.2014
(54) POWER SUPPLY
(73) PR Electronics A/S
(72) LINDEMANN, Stig Alnøe
(31) 201370317
(32) 14.06.2013
(33) Denmark

(51) H02J 4/00
B63H 23/24
H02J 3/38
(11) EP3046206
(21) EP15151256.3
(47) 31.10.2018
(22) 15.01.2015
(54) Power distribution on a vessel
(73) Siemens Aktiengesellschaft
(72) Gjerpe, Paul Fredrik
Hartwig, Bernd
Hiller, Marc Dr.
Voss, Wolfgang

(51) H02J 7/00
(11) EP2426807
(21) EP11179950.8
(47) 31.10.2018
(22) 02.09.2011
(54) Thin-film battery protection
(73) STMicroelectronics (Tours) SAS
(72) Cantin, Frédéric
(31) 1057104
(32) 07.09.2010
(33) France

(51) H02J 7/00
(11) EP2676349
(21) EP12700616.1
(47) 31.10.2018
(87) EP2012000211
23.08.2012
(22) 18.01.2012
(54) CHARGER FOR A BATTERY
(73) SEW-EURODRIVE GmbH & Co. KG
(72) BUDZEN, Harald
(31) 102011011429
(32) 16.02.2011
(33) Germany

(51) H02J 7/00
(11) EP2852021
(21) EP12877218.3
(47) 31.10.2018
(87) CN2012080455
28.11.2013
(22) 22.08.2012
(54) CHARGING CIRCUIT AND CONTROL METHOD THEREFOR
(73) ZTE Corporation
(72) LIU, Jiajun
WANG, Jihong
(31) 201210161580
(32) 23.05.2012
(33) China

(51) H02J 7/00
B60L 11/18
B60R 16/00
H04B 3/54
H02J 7/08
H03M 1/00
B60R 16/03
H02J 7/04
(11) EP2761717
(21) EP12773088.5
(47) 31.10.2018
(87) FR2012052155
04.04.2013
(22) 26.09.2012
(54) COMMUNICATION DEVICE USING POWER LINE COMMUNICATION AND FREQUENCY-DIVISION MULTIPLEXING ON A PILOT LINE, AND RELATED SYSTEMS
(73) PSA Automobiles SA
(72) MORAND, Nicolas
(31) 1158610
(32) 27.09.2011
(33) France

(51) H02J 7/00
G06F 1/26
H02M 3/155
H02M 3/07
H02J 7/34
(11) EP2184832
(21) EP09252573.2
(47) 31.10.2018
(22) 06.11.2009
(54) Wireless communication apparatus and power-supply apparatus
(73) SnapTrack, Inc.
(72) Taniuchi, Hirotada
Kusunoki, Shigeo
Kimura, Tetsuo
Kato, Akihito
Saito, Kazuhiko
(31) 2008287463
(32) 10.11.2008
(33) Japan

(51) H02J 7/00
H02H 1/00
H02J 1/00
(11) EP2973935
(21) EP14765554.2
(47) 31.10.2018
(87) US2014030570
18.09.2014
(22) 17.03.2014
(54) METHOD AND APPARATUS FOR CREATING A DYNAMICALLY RECONFIGURABLE ENERGY STORAGE DEVICE
(73) GLX Power Systems Inc.
(72) VO, Tom, V.
GRAS, Courtney, A.
KRISTENSEN, Kent
MAHMODICHERATI, Sam
(31) 201361787722 P
(32) 15.03.2013
(33) United States of America

(51) H02J 7/00
H02J 7/02
H02J 7/08
(11) EP3101756
(21) EP14880839.7
(47) 31.10.2018
(87) CN2014077432
06.08.2015
(22) 14.05.2014
(54) CHARGING SYSTEM
(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(72) ZHANG, Jialiang
LIU, Fengshuo
CHEN, Biao
WU, Kewei
(31) 201410043182
(32) 28.01.2014
(33) China

(51) H02J 7/02
H02J 7/34
H02J 9/00
(11) EP2919362
(21) EP15157699.8
(47) 31.10.2018
(22) 05.03.2015
(54) IMPROVED SUPPLY SYSTEM AND METHOD FOR A WIRELESS SENSOR.
(73) Schneider Electric Industries SAS
(72) Raisigel, Hynek
(31) 1451950
(32) 10.03.2014
(33) France

(51) H02J 50/10
H02J 50/80
H02J 7/02
(11) EP3267559
(21) EP17185294.0
(47) 31.10.2018
(22) 26.05.2015
(54) CONTROL METHOD OF A WIRELESS POWER TRANSMITTING DEVICE

(73) Panasonic Intellectual Property Management Co., Ltd.
(72) OOSUMI, Hideo
KANNO, Hiroshi
YAMAMOTO, Hiroshi
SAKATA, Tsumoto
(31) 2014108207
2015031451
(32) 26.05.2014
20.02.2015
(33) Japan
Japan

(51) H02J 50/12
H02J 50/40
H02J 50/80
H02J 7/02
H04B 5/00
(11) EP3214727
(21) EP14905164.1
(47) 31.10.2018
(87) JP2014079049
06.05.2016
(22) 31.10.2014
(54) POWER RECEIVER AND POWER TRANSMISSION SYSTEM
(73) Fujitsu Limited
(72) SHIMOKAWA, Satoshi

(51) H02K 1/20
H02K 1/14
H02K 3/50
H02K 9/00
H02K 5/20
H02K 9/04
H02K 7/18
F03D 9/00
(11) EP2506397
(21) EP12162256.7
(47) 31.10.2018
(22) 29.03.2012
(54) Axial cooled generator
(73) General Electric Company
(72) Mancuso, Thomas
Bhar, Sayantan
Hirade, Sandip Shahaji
DiLorenzo, Peter Anthony
Maduskuie, Andrew David
Ramtahal, Sadeo
(31) 201113076610
(32) 31.03.2011
(33) United States of America

(51) H02K 1/20
H02K 1/22
H02K 1/14
H02K 9/02
(11) EP3035494
(21) EP14836544.8
(47) 31.10.2018
(87) CN2014083628
19.02.2015
(22) 04.08.2014
(54) PERMANENT MAGNET MOTOR, REFRIGERATION COMPRESSOR, AND AIR CONDITIONING UNIT
(73) Gree Electric Appliances, Inc. of Zhuhai
(72) FAN, Zhao
DING, Yabin
CHEN, Ying
LIU, Huaican
(31) 201310351977
(32) 13.08.2013
(33) China

(51) H02K 1/27
(11) EP3151386
(21) EP16191377.7
(47) 31.10.2018
(22) 29.09.2016
(54) PERMANENT MAGNET ROTOR AND PERMANENT MAGNET ROTATING ELECTRICAL MACHINE
(73) Kabushiki Kaisha Toshiba
(72) Fukumoto, Syou
Matsushita, Makoto
Takeuchi, Katsutoku
Hasebe, Toshio
(31) 2015196916
(32) 02.10.2015
(33) Japan

(51) H02K 1/27
H02K 15/10
H02K 1/30
H02K 1/14
(11) EP2568579
(21) EP12183447.7
(47) 31.10.2018
(22) 07.09.2012
(54) Motor and washing machine having the same
(73) Samsung Electronics Co., Ltd.
(72) Yoon, Keun Young
Kim, Young Kwan
Lee, Sung Gu
(31) 20110091003
(32) 08.09.2011
(33) Korea (Republic)

(51) H02K 5/10
D06F 37/20
(11) EP2709244
(21) EP13183078.8
(47) 31.10.2018
(22) 05.09.2013
(54) Motor and washing machine having the same
(73) Samsung Electronics Co., Ltd
(72) Bang, Myung Bae
In, Byung Ryel
Hwang, Woong
(31) 20120101261
(32) 12.09.2012
(33) Korea (Republic)

(51) H02K 9/19
H02K 1/32
H02K 5/20
H02K 16/00
(11) EP2573906
(21) EP12185571.2
(47) 31.10.2018
(22) 22.09.2012
(54) Electrical machine with reduced windage loss
(73) Hamilton Sundstrand Corporation
(72) Pal, Debabrata
(31) 201113245275
(32) 26.09.2011
(33) United States of America

(51) H02K 15/00
H02K 3/42
H02K 3/38
H02K 3/34
(11) EP3185405
(21) EP15202549.0
(47) 31.10.2018
(22) 23.12.2015
(54) ELECTRIC MOTOR
(73) Grundfos Holding A/S
(72) Sauer Jensen, Mogens
Møller, Torben

(51) H02K 15/03
H02K 15/16
H01F 13/00
(11) EP2659575
(21) EP11804636.6
(47) 31.10.2018
(87) DK2011050520
05.07.2012
(22) 29.12.2011
(54) MAGNETIZER AND ASSEMBLER FOR ELECTRICAL MACHINES
(73) Vestas Wind Systems A/S
(72) MONGEAU, Peter
(31) 201061427816 P
(32) 29.12.2010
(33) United States of America

(51) H02K 15/12
H02K 3/30
B25F 5/00
(11) EP2744627
(21) EP12750830.7
(47) 31.10.2018
(87) JP2012005103
28.02.2013
(22) 10.08.2012
(54) POWER TOOL AND METHOD FOR PRODUCING THE SAME
(73) Koki Holdings Co., Ltd.
(72) NISHIKAWA, Tomomasa
HARADA, Tetsuhiro
UCHIDA, Hiroki
NAKANO, Yoshihiro
TSUNODA, Hiroki
SUKEGAWA, Katsuaki
MORITA, Kazuhiko
(31) 2011179827
(32) 19.08.2011
(33) Japan

(51) H02K 35/06
(11) EP1869755
(21) EP06726701.3
(47) 31.10.2018
(87) GB2006001300
19.10.2006
(22) 11.04.2006
(54) GENERATOR FOR CONVERTING MECHANICAL VIBRATIONAL ENERGY INTO ELECTRICAL ENERGY
(73) Perpetuum Ltd.
(72) ROBERTS, Stephen
FREELAND, Roy
(31) 0507394
(32) 12.04.2005
(33) United Kingdom

(51) H02M 3/156
H02M 7/48
H02M 7/537
H02M 1/00
(11) EP2933915
(21) EP15162753.6

(47) 31.10.2018
(22) 08.04.2015
(54) CONTROLLER FOR GRID TIED INVERTER SYSTEM
(73) LSIS Co., Ltd.
(72) Lee, Ki Su
(31) 20140045297
(32) 16.04.2014
(33) Korea (Republic)

(51) H02M 3/158
(11) EP2815494
(21) EP13709269.8
(47) 31.10.2018
(87) US2013025761
22.08.2013
(22) 12.02.2013
(54) DUAL MODE BOOST REGULATOR
(73) Microchip Technology Incorporated
(72) DEUTSCHER, Neil
CHEN, Jinhui
BARTLING, James
(31) 201213371819
(32) 13.02.2012
(33) United States of America

(51) H02M 3/28
H02J 7/00
H02J 50/10
H02J 7/02
H02J 50/40
(11) EP2609667
(21) EP11820158.1
(47) 31.10.2018
(87) KR2011006201
01.03.2012
(22) 23.08.2011
(54) RESONANCE POWER TRANSMISSION SYSTEM BASED ON POWER TRANSMISSION EFFICIENCY
(73) Samsung Electronics Co., Ltd.
(72) CHOI, Jin Sung
KWON, Sang Wook
PARK, Yun Kwon
PARK, Eun Seok
HONG, Young Tack
RYU, Young Ho
KIM, Nam Yun
KIM, Dong Zo
(31) 20100082842
(32) 26.08.2010
(33) Korea (Republic)

(51) H02M 5/458
H02M 7/5395
H02M 1/42
H02P 29/50
H01L 29/16
(11) EP3054585
(21) EP13894237.0
(47) 31.10.2018
(87) JP2013076588
02.04.2015
(22) 30.09.2013
(54) MOTOR DRIVE CONTROL DEVICE, COMPRESSOR, FAN, AND AIR-CONDITIONING DEVICE
(73) Mitsubishi Electric Corporation
(72) TSUMURA, Akihiro
YUASA, Kenta
KUSUBE, Shinsaku

(51) H02M 7/10
H02M 7/04
(11) EP2804308
(21) EP14166276.7
(47) 31.10.2018
(22) 28.04.2014
(54) Composite ac-to-dc power converter with boosting capabilities using t configuration
(73) Honeywell International Inc.
(72) Ganev, Evgeni
Warr, William
Chen, Keming
(31) 201313894888
(32) 15.05.2013
(33) United States of America

(51) H02M 7/48
H02M 1/44
H05K 1/02
H02M 7/00
(11) EP2518887
(21) EP10839353.9
(47) 31.10.2018
(87) JP2010072904
30.06.2011
(22) 20.12.2010
(54) CONTROL CIRCUIT BOARD, INVERTER DEVICE, AND INVERTER INTEGRATED MOTOR-DRIVEN COMPRESSOR
(73) Mitsubishi Heavy Industries, Ltd.
(72) HATTORI, Makoto
ASAI, Masahiko
(31) 2009296158
(32) 25.12.2009
(33) Japan

(51) H02M 7/48
H02M 7/66
(11) EP2479881
(21) EP09849427.1
(47) 31.10.2018
(87) JP2009004672
24.03.2011
(22) 17.09.2009
(54) ELECTRIC POWER CONVERSION APPARATUS
(73) Toshiba Mitsubishi-Electric Industrial Systems Corporation
(72) TAKAHASHI, Nobuhiro

(51) H02M 7/483
H02M 7/487
H02M 7/493
(11) EP2651024
(21) EP13153220.2
(47) 31.10.2018
(22) 30.01.2013
(54) Multilevel power converter
(73) Fuji Electric Co., Ltd.
(72) Yatsu, Makoto
(31) 2012091629
(32) 13.04.2012
(33) Japan

(51) H02M 7/487
(11) EP2870688
(21) EP13813266.7
(47) 31.10.2018
(87) SE2013050857
09.01.2014
(22) 03.07.2013
(54) IMPROVED SWITCH PROTECTION I AUXILIARY RESONANT CIRCUIT
(73) Comsys AB
(72) LILJEGREN, Dan
HARALDSSON, Oscar
HANSSON, Erik
(31) 1250798
201261676037 P
201261676061 P
(32) 06.07.2012
26.07.2012
26.07.2012
(33) Sweden
United States of America
United States of America

(51) H02M 7/487
(11) EP2838190
(21) EP14180530.9
(47) 31.10.2018
(22) 11.08.2014
(54) Method and device for operating an electrical power converter
(73) GE Energy Power Conversion Technology Ltd
(72) WEITENDORF, Niels
JANSSEN, Martin
(31) 102013108670
(32) 09.08.2013
(33) Germany

(51) H02M 7/49
H02M 7/5387
H02M 7/497
(11) EP2097970
(21) EP07855375.7
(47) 31.10.2018
(87) BE2007000128
03.07.2008
(22) 20.12.2007
(54) METHOD FOR CONTROLLING A LOAD WITH A PREDOMINANTLY INDUCTIVE CHARACTER AND A DEVICE APPLYING SUCH A METHOD
(73) Atlas Copco Airpower, Naamloze Vennootschap
(72) TERÖDE, Gerd
(31) 200600646
(32) 27.12.2006
(33) Belgium

(51) H02M 7/5387
H02M 1/32
(11) EP2916448
(21) EP12887726.3
(47) 31.10.2018
(87) JP2012078349
08.05.2014
(22) 01.11.2012
(54) POWER CONVERSION DEVICE AND METHOD FOR DIAGNOSING FAILURE THEREOF
(73) Mitsubishi Electric Corporation
(72) FUJIE, Kenichi
TSUJIMOTO, Katsuya
ASAI, Takamasa

(51) H02M 7/5387
H02P 21/22
H02P 29/50
(11) EP2816721
(21) EP13172257.1

(47) 31.10.2018
(22) 17.06.2013
(54) METHOD FOR OPERATING A DRIVE CONTROL DEVICE, DEVICE PROVIDED WITH MEANS FOR EXECUTING THE METHOD AND DRIVE CONTROL DEVICE WITH SUCH A DEVICE
(73) Siemens Aktiengesellschaft
(72) Bauer, Franz
Schierling, Hubert

(51) H02M 7/5395
(11) EP2919377
(21) EP12888122.4
(47) 31.10.2018
(87) JP2012007199
15.05.2014
(22) 09.11.2012
(54) INVERTER DEVICE
(73) Fuji Electric Co., Ltd.
(72) WANG, Qichen
FUJITA, Satoru

(51) H02N 1/04
H02N 1/10
(11) EP3278443
(21) EP16712820.6
(47) 31.10.2018
(87) EP2016056493
06.10.2016
(22) 24.03.2016
(54) TRIBOELECTRIC ENERGY GENERATOR
(73) Koninklijke Philips N.V.
(72) JOHNSON, Mark Thomas
GERHARDT, Lutz Christian
FRANKLIN, Steven Ernest
DAVIE, Alan James
JOYE, Neil Francis
RUTGERS, Andrew Ulrich
(31) 15161948
(32) 31.03.2015
(33) European Patent Office (EPO)

(51) H02P 1/02
H02P 1/46
(11) EP2766984
(21) EP12787481.6
(47) 31.10.2018
(87) GB2012052472
18.04.2013
(22) 05.10.2012
(54) METHOD OF STARTING A BRUSHLESS MOTOR
(73) Dyson Technology Limited
(72) CHEN, Yu
(31) 201117772
(32) 14.10.2011
(33) United Kingdom

(51) H02P 1/16
H02P 1/18
H02P 7/29
(11) EP3220533
(21) EP15867176.8
(47) 31.10.2018
(87) JP2015081296
16.06.2016
(22) 06.11.2015
(54) FAN MOTOR SYSTEM, AIR CONDITIONER, FAN MOTOR CONTROL METHOD AND PROGRAM
(73) Mitsubishi Heavy Industries Thermal Systems, Ltd.
(72) IWAMOTO Shigeru
YOSHIDA Junichi
(31) 2014247713
(32) 08.12.2014
(33) Japan

(51) H02P 6/14
(11) EP2559156
(21) EP11716015.0
(47) 31.10.2018
(87) GB2011050734
20.10.2011
(22) 13.04.2011
(54) CONTROLLER FOR A BRUSHLESS MOTOR
(73) Dyson Technology Limited
(72) HAWKER, David
DAI, Hanping
(31) 201006392
(32) 16.04.2010
(33) United Kingdom

(51) H02P 6/182
H02P 6/28
H02P 23/24
H02P 1/04
H02P 23/00
(11) EP2612436
(21) EP11822257.9
(47) 31.10.2018
(87) US2011020326
08.03.2012
(22) 06.01.2011
(54) IMPROVED METHOD TO SAVE ENERGY FOR DEVICES WITH ROTATING OR RECIPROCATING MASSES
(73) The Powerwise Group, Inc.
(72) VENKATARAMAN, Vasan
(31) 873510
967128
(32) 01.09.2010
14.12.2010
(33) United States of America
United States of America

(51) H02P 6/28
H02P 6/00
H02P 29/02
H02P 6/18
H02P 29/032
(11) EP2387144
(21) EP11161957.3
(47) 31.10.2018
(22) 11.04.2011
(54) Control of a brushless motor
(73) Dyson Technology Limited
(72) Dai, Hanping
(31) 201006398
(32) 16.04.2010
(33) United Kingdom

(51) H02P 7/00
(11) EP2867986
(21) EP12731412.8
(47) 31.10.2018
(87) EP2012062503
03.01.2014
(22) 27.06.2012
(54) VACUUM CLEANERS AND METHODS OF CONTROLLING A MOTOR DRIVEN BY A BATTERY SOURCE IN A VACUUM CLEANER
(73) Aktiebolaget Electrolux
(72) DANESTAD, Ulrik
PILSMO, Bo

(51) H02P 7/295
(11) EP2648331
(21) EP13161933.0
(47) 31.10.2018
(22) 02.04.2013
(54) Power control device and method for power control
(73) Kurz Elektronik GmbH
(72) Schulz, Detlef
Bernhardt, Tobias
(31) 102012102827
(32) 02.04.2012
(33) Germany

(51) H02P 9/02
H01F 3/10
H01F 29/14
H01F 38/02
(11) EP2927488
(21) EP14163410.5
(47) 31.10.2018
(22) 03.04.2014
(54) Passive fault current limiter for wind power applications
(73) Siemens Aktiengesellschaft
(72) Thomas, Arwyn

(51) H02P 9/04
H02P 27/06
(11) EP2409036
(21) EP10753985.0
(47) 31.10.2018
(87) US2010027494
23.09.2010
(22) 16.03.2010
(54) INDUCTION MOTOR TORQUE CONTROL IN A PUMPING SYSTEM
(73) Unico, Inc.
(72) BECK, Thomas L.
DRY, Michael D.
GARLOW, Mark E.
LUCAS, Michael O.
MACDONALD, Michael A.
PETERSON, Ronald G.
(31) 160498 P
724120
(32) 16.03.2009
15.03.2010
(33) United States of America
United States of America

(51) H02P 13/06
H02J 3/18
(11) EP2889998
(21) EP14197969.0
(47) 31.10.2018
(22) 15.12.2014
(54) System and method for regulation of voltage on an electric power system
(73) General Electric Company
(72) Baerthlein, Eva-Maria
Panosyan, Ara
(31) 201314109290
(32) 17.12.2013

(33) United States of America

(51) H02P 25/04
H02P 25/02
H02P 6/00
H02P 6/14
(11) EP2625781
(21) EP11767036.4
(47) 31.10.2018
(87) GB2011051783
12.04.2012
(22) 21.09.2011
(54) CONTROL OF AN ELECTRICAL MACHINE
(73) Dyson Technology Limited
(72) HANPING, Dai
CHEN, Yu
CELIK, Tuncay
ZHENG, Libo
ZHOU, Yongji
(31) 201017376
201016739
(32) 14.10.2010
05.10.2010
(33) United Kingdom
United Kingdom

(51) H02P 27/08
B60L 3/00
B60L 3/06
B60L 15/20
H02P 6/28
H02P 21/22
H02P 21/14
B60L 15/02
(11) EP2963807
(21) EP14756307.6
(47) 31.10.2018
(87) JP2014052737
04.09.2014
(22) 06.02.2014
(54) MOTOR CONTROL DEVICE AND MOTOR CONTROL METHOD
(73) Nissan Motor Co., Ltd
(72) KATSUMATA, Yuji
(31) 2013035637
(32) 26.02.2013
(33) Japan

(51) H02S 20/25
H01L 31/02
(11) EP2398059
(21) EP10166542.0
(47) 31.10.2018
(22) 18.06.2010
(54) Roof with roof tile provided with solar cells
(73) Grimme
(72) Grimme, Geert

(51) H03F 1/02
H02M 3/335
H03F 3/21
H03F 3/217
(11) EP2944018
(21) EP14737679.2
(47) 31.10.2018
(87) US2014011206
17.07.2014
(22) 13.01.2014
(54) FLYBACK AMPLIFIER WITH DIRECT FEEDBACK
(73) Cognipower, LLC
(72) LAWSON, Thomas, E.
(31) 201361751996 P
(32) 14.01.2013
(33) United States of America

(51) H03F 1/02
H03F 1/32
H03F 3/19
H03F 3/21
H03G 3/30
(11) EP2862271
(21) EP13729935.0
(47) 31.10.2018
(87) EP2013062105
27.12.2013
(22) 12.06.2013
(54) AMPLIFIER ASSEMBLY
(73) RWTH Aachen
(72) Negra, Renato
Aref, Ahmed
(31) 102012210249
(32) 18.06.2012
(33) Germany

(51) H03F 1/02
H03F 3/195
H03F 3/24
(11) EP3185414
(21) EP15201623.4
(47) 31.10.2018
(22) 21.12.2015
(54) AN APPARATUS AND METHOD FOR GENERATING A PLURALITY OF POWER SUPPLY SIGNALS FOR A PLURALITY OF POWER AMPLIFIERS CONFIGURED TO AMPLIFY RADIO FREQUENCY TRANSMIT SIGNALS
(73) Intel IP Corporation
(72) HENZLER, Stephan
HARREBEK, Johannes
KRANZ, Christian
WENSKE, Holger

(51) H03F 1/07
H03F 3/189
H03F 3/24
(11) EP3070840
(21) EP13897535.4
(47) 31.10.2018
(87) JP2013006691
21.05.2015
(22) 14.11.2013
(54) POWER AMPLIFIER AND POWER AMPLIFICATION METHOD
(73) NEC Corporation
(72) OTAKE, Sumitaka

(51) H03H 9/02
(11) EP2224591
(21) EP10154829.5
(47) 31.10.2018
(22) 26.02.2010
(54) Surface acoustic wave resonator and surface acoustic wave oscillator
(73) Seiko Epson Corporation
(72) Yamanaka, Kunihito
(31) 2009045359
2009050112
2009285224
(32) 27.02.2009
04.03.2009
16.12.2009
(33) Japan
Japan
Japan

(51) H03H 17/04
G11B 20/10
H03H 17/02
H03H 17/06
H03H 17/00
(11) EP3227888
(21) EP15804142.6
(47) 31.10.2018
(87) EP2015078513
09.06.2016
(22) 03.12.2015
(54) NON LINEAR FILTER WITH GROUP DELAY AT PRE-RESPONSE FREQUENCY FOR HIGH RES AUDIO .
(73) Craven, Peter Graham
Reinet S.A.R.L.
(72) CRAVEN, Peter Graham
STUART, John Robert
(31) 14196063
201421466
(32) 03.12.2014
03.12.2014
(33) European Patent Office (EPO)
United Kingdom

(51) H03K 17/18
(11) EP1739835
(21) EP06009795.3
(47) 31.10.2018
(22) 12.05.2006
(54) Circuit for controlling semiconductor power switches with error detection
(73) SEMIKRON Elektronik GmbH & Co. KG
(72) Pawel, Sascha
Pawel, Ilja
Herzer, Reinhard
(31) 102005023652
(32) 23.05.2005
(33) Germany

(51) H03K 17/945
G06F 3/01
G06F 3/03
H03K 17/94
(11) EP3005564
(21) EP14725696.0
(47) 31.10.2018
(87) EP2014060546
27.11.2014
(22) 22.05.2014
(54) SWITCH ACTUATION SYSTEM, MOBILE DEVICE AND METHOD FOR ACTUATING A SWITCH USING A NON-TACTILE TRANSLATIONAL GESTURE
(73) Pyreos Ltd.
(72) GIEBELER, Carsten
BROWN, Spyros
CHAMBERLAIN, Tim
HURWITZ, Jonathan Ephraim David
(31) 201361827108 P
(32) 24.05.2013
(33) United States of America

(51) H03K 17/945
H03K 17/94
G06F 3/01
G06F 3/03
(11) EP3005565

(21) EP14725697.8
(47) 31.10.2018
(87) EP2014060549
27.11.2014
(22) 22.05.2014
(54) SWITCH ACTUATION SYSTEM, MOBILE DEVICE AND METHOD FOR ACTUATING A SWITCH USING A NON-TACTILE PUSH GESTURE
(73) Pyreos Ltd.
(72) GIEBELER, Carsten
BROWN, Spyros
CHAMBERLAIN, Tim
HURWITZ, Jonathan Ephraim David
(31) 201361827108 P
(32) 24.05.2013
(33) United States of America

(51) H03K 19/177
G06F 17/50
(11) EP2974025
(21) EP14765825.6
(47) 31.10.2018
(87) US2014029407
18.09.2014
(22) 14.03.2014
(54) NETWORK ARCHITECTURES FOR BOUNDARY-LESS HIERARCHICAL INTERCONNECTS
(73) The Regents of the University of California
(72) WANG, Chengcheng
MARKOVIC, Dejan
(31) 201361786676 P
(32) 15.03.2013
(33) United States of America

(51) H03L 1/00
G06F 1/14
(11) EP3059865
(21) EP15195224.9
(47) 31.10.2018
(22) 18.11.2015
(54) METHOD AND DEVICE FOR CLOCK CALIBRATION, CORRESPONDING APPARATUS
(73) STMicroelectronics S.r.l.
(72) MANGANO, Daniele
CONDORELLI, Riccardo
(31) TO20150117
(32) 20.02.2015
(33) Italy

(51) H03L 7/14
H03L 7/085
H03L 1/02
H03L 7/099
(11) EP2437395
(21) EP10780376.9
(47) 31.10.2018
(87) JP2010056765
02.12.2010
(22) 15.04.2010
(54) REFERENCE FREQUENCY GENERATOR DEVICE
(73) Furuno Electric Co., Ltd.
(72) MIYAHARA, Kazunori
(31) 2009125727
(32) 25.05.2009
(33) Japan

(51) H03L 7/24
G06F 1/04
H03K 3/03
(11) EP2887551
(21) EP14197056.6
(47) 31.10.2018
(22) 09.12.2014
(54) Apparatus and methods for multiphase oscillators
(73) Analog Devices, Inc.
(72) Beccue, Stephen Mark
(31) 201314137289
(32) 20.12.2013
(33) United States of America

(51) H03M 1/10
H03M 1/08
H03M 1/12
(11) EP2961072
(21) EP15173610.5
(47) 31.10.2018
(22) 24.06.2015
(54) MULTI-CHANNEL TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTER
(73) Huawei Technologies Co., Ltd.
(72) QIU, Bingsen
(31) 201410290954
(32) 25.06.2014
(33) China

(51) H03M 1/10
H03M 1/46
(11) EP2918014
(21) EP13788976.2
(47) 31.10.2018
(87) EP2013073251
15.05.2014
(22) 07.11.2013
(54) ANALOG TO DIGITAL CONVERSION METHOD WITH OFFSET TRACKING AND CORRECTION AND ANALOG TO DIGITAL CONVERTER IMPLEMENTING THE SAME
(73) OCT Circuit Technologies International Limited
(72) CONFALONIERI, Pierangelo
GUANZIROLI, Federico
MINUTI, Alberto
(31) 12425180
201361756686 P
(32) 09.11.2012
25.01.2013
(33) European Patent Office (EPO)
United States of America

(51) H04B 1/00
(11) EP1535397
(21) EP03703964.1
(47) 31.10.2018
(87) US2003001932
12.08.2004
(22) 23.01.2003
(54) AUDIO SYSTEM WITH BALANCE SETTING BASED ON INFORMATION ADDRESSES
(73) Harman Becker Automotive Systems GmbH
(72) BRUELLE-DREWS, Christian

(51) H04B 1/00
H04B 1/40
(11) EP2965436
(21) EP14715148.4
(47) 31.10.2018
(87) US2014019223
12.09.2014
(22) 28.02.2014
(54) REDUCING INSERTION LOSS IN LNA BYPASS MODE BY USING A SINGLE-POLE-TRIPLE-THROW SWITCH IN A RF FRONT END MODULE
(73) Microchip Technology Incorporated
(72) KOK, Yon-lin
(31) 201313787786
(32) 06.03.2013
(33) United States of America

(51) H04B 1/10
H04B 1/28
H04B 1/16
(11) EP2963834
(21) EP15174473.7
(47) 31.10.2018
(22) 30.06.2015
(54) TUNING CIRCUIT AND RECEIVER
(73) Funai Electric Co., Ltd.
(72) FUJIMURA, Kenji
(31) 2014136239
(32) 01.07.2014
(33) Japan

(51) H04B 1/10
H04W 16/14
H04W 88/06
(11) EP3035546
(21) EP15199819.2
(47) 31.10.2018
(22) 14.12.2015
(54) METHOD FOR PROCESSING IN A TELECOMMUNICATION SYSTEM AND ASSOCIATED TELECOMMUNICATION MODULE
(73) THALES
(72) SOULIE, Antoine
TURPIN, François
PIPON, François
(31) 1402856
(32) 15.12.2014
(33) France

(51) H04B 1/16
(11) EP2034615
(21) EP08164086.4
(47) 31.10.2018
(22) 10.09.2008
(54) Wireless security messaging model
(73) UTC Fire & Security Americas Corporation, Inc.
(72) Verstraelen, Johannes Gertrudis Raymundus
Van Cann, Jacobus Robertus Andreas
(31) 971113 P
967748
(32) 10.09.2007
31.12.2007
(33) United States of America
United States of America

(51) H04B 1/18
H04B 1/44
(11) EP2394371
(21) EP09839808.4
(47) 31.10.2018
(87) US2009038621
12.08.2010
(22) 27.03.2009
(54) RADIO FREQUENCY TRANSCEIVER FRONT END CIRCUIT

(73) Skyworks Solutions, Inc.
(72) GORBACHOV, Oleksandr
(31) 150419 P
412226
(32) 06.02.2009
26.03.2009
(33) United States of America
United States of America

(51) H04B 1/38
H04M 1/02
H04M 1/725
H04W 8/18
(11) EP2469718
(21) EP10788857.0
(47) 31.10.2018
(87) CN2010073528
23.12.2010
(22) 03.06.2010
(54) REMOTE RADIO UNIT
(73) ZTE Corporation
(72) PAN, Weiming
LIN, Qingchun
(31) 200910179833
(32) 14.10.2009
(33) China

(51) H04B 1/40
G06F 3/14
H04W 4/02
G06T 3/40
G09G 5/377
H04M 1/725
H04N 5/232
H04L 29/08
G06F 17/30
H04W 4/18
(11) EP3033837
(21) EP14836853.3
(47) 31.10.2018
(87) KR2014003503
19.02.2015
(22) 22.04.2014
(54) MOBILE TERMINAL AND METHOD FOR CONTROLLING THE SAME
(73) LG Electronics Inc.
(72) JUNG, Seyoon
CHOO, Jinho
(31) 20130097064
(32) 16.08.2013
(33) Korea (Republic)

(51) H04B 1/40
H02J 7/00
H04M 1/725
(11) EP2553820
(21) EP11758906.9
(47) 31.10.2018
(87) IB2011051245
29.09.2011
(22) 23.03.2011
(54) METHOD AND APPARATUS FOR DETERMINING INTERACTION MODE
(73) Nokia Technologies Oy
(72) LINDBERG, Phillip
FROSSEN, Johan
(31) 748015
(32) 26.03.2010
(33) United States of America

(51) H04B 1/7105
H04L 25/03
(11) EP2176958
(21) EP08775171.5
(47) 31.10.2018
(87) EP2008059373
05.02.2009
(22) 17.07.2008
(54) COMMUNICATION UNIT AND METHOD FOR INTERFERENCE MITIGATION
(73) Nvidia Corporation
(72) DARWOOD, Peter
(31) 890028
(32) 02.08.2007
(33) United States of America

(51) H04B 1/7143
(11) EP2942873
(21) EP15150968.4
(47) 31.10.2018
(22) 13.01.2015
(54) Frequency hopping sequence generation
(73) Itron Global SARL
(72) Picard, Gilles
(31) 201461990006 P
(32) 07.05.2014
(33) United States of America

(51) H04B 3/54
(11) EP2707967
(21) EP12720932.8
(47) 31.10.2018
(87) GB2012000432
22.11.2012
(22) 11.05.2012
(54) A COMMUNICATIONS NETWORK AND A NETWORK TERMINAL
(73) En-Twyn Limited
(72) DELAMARE, Andrew
(31) 201108053
(32) 13.05.2011
(33) United Kingdom

(51) H04B 5/00
H01F 38/14
H02J 7/02
H02J 50/60
H02J 50/12
H02J 50/80
H02J 50/00
H02J 5/00
H02J 50/40
(11) EP2849353
(21) EP14189915.3
(47) 31.10.2018
(22) 02.11.2012
(54) Wireless power transmitter, wireless power receiver, wireless power transmission method and wireless power reception method
(73) LG Innotek Co., Ltd.
(72) Woo, Kil Jung
(31) 20110117233
(32) 10.11.2011
(33) Korea (Republic)

(51) H04B 5/00
H04B 17/318
H04J 3/16
H04J 11/00
H04L 1/18
H04L 5/00
H04L 12/24
H04W 4/00
H04W 8/08
H04W 28/00
H04W 36/00
H04W 40/00
H04W 52/02
H04W 52/04
H04W 72/00
H04W 74/00
H04W 80/10
H04W 84/12
H04W 88/02
H04W 88/08
H04W 88/18
(11) EP3226434
(21) EP17165456.9
(47) 31.10.2018
(22) 17.09.2013
(54) BLIND DECODING FOR AN ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL (EPDCCH)
(73) INTEL Corporation
(72) CHEN, Xiaogang
HAN, Seunghee
ZHU, Yuan
LI, Qinghua
FWU, Jong-Kae
(31) 201261707784 P
201313931102
(32) 28.09.2012
28.06.2013
(33) United States of America
United States of America

(51) H04B 5/00
H04W 84/20
H04W 4/00
H04W 8/00
H04W 4/80
(11) EP3116138
(21) EP14889456.1
(47) 31.10.2018
(87) CN2014078868
22.10.2015
(22) 30.05.2014
(54) METHOD FOR IMPLEMENTING SHORT-DISTANCE UNLOCKING ACCORDING TO ELECTROCARDIOGRAM, AND SYSTEM THEREOF
(73) Huizhou TCL Mobile Communication Co., Ltd.
(72) HU, Binghui
ZHANG, Jie
(31) 201410147353
(32) 14.04.2014
(33) China

(51) H04B 7/00
H04B 7/14
H04B 7/212
H04B 7/216
H04B 15/00
H04L 5/16
H04W 72/04
H04L 1/18
H04W 16/32
H04W 36/20
H04W 36/32
H04W 84/04
H04L 1/00
H04L 5/00
H04L 5/14

(11) EP2936697
(21) EP12890273.1
(47) 31.10.2018
(87) US2012072294
26.06.2014
(22) 31.12.2012
(54) METHOD AND APPARATUS FOR HYBRID AUTOMATIC REPEAT REQUEST OPERATION IN A HETEROGENEOUS NETWORK ARCHITECTURE
(73) BlackBerry Limited
(72) CAI, Zhijun
SONG, Yi
BONTU, Chandra, Sekhar
(31) 201213720801
(32) 19.12.2012
(33) United States of America

(51) H04B 7/005
H04L 29/06
H04W 4/10
H04W 76/00
(11) EP2060018
(21) EP07841061.0
(47) 31.10.2018
(87) US2007076216
21.02.2008
(22) 17.08.2007
(54) PTT/PTS SIGNALING IN AN INTERNET PROTOCOL NETWORK
(73) REDCOM LABORATORIES, Inc.
(72) BREIDENSTEIN, Charles, J.
(31) 838282 P
(32) 17.08.2006
(33) United States of America

(51) H04B 7/02
H04L 1/02
H04L 1/06
H04L 1/00
(11) EP1829245
(21) EP05858527.4
(47) 31.10.2018
(87) US2005043610
22.03.2007
(22) 02.12.2005
(54) METHOD AND/OR SYSTEM FOR ESTIMATING PHASE ERROR NOISE
(73) New Jersey Institute of Technology
(72) BAR-NESS, Yeheskel
LIU, Pan
(31) 632439 P
(32) 02.12.2004
(33) United States of America

(51) H04B 7/024
H04W 76/15
H04L 1/00
H04B 7/0417
H04B 7/06
H04W 72/08
H04L 5/00
(11) EP2806699
(21) EP12866121.2
(47) 31.10.2018
(87) CN2012085462
25.07.2013
(22) 28.11.2012
(54) RADIO COMMUNICATIONS DEVICE, RADIO COMMUNICATIONS METHOD AND MACHINE READABLE MEDIUM
(73) Sony Corporation
(72) CUI, Qimei
ZHANG, Yingni
LI, Xiaona
LI, Shiyuan
(31) 201210019978
(32) 20.01.2012
(33) China

(51) H04B 7/04
(11) EP3014785
(21) EP14816795.0
(47) 31.10.2018
(87) KR2014005564
31.12.2014
(22) 24.06.2014
(54) METHOD FOR PERFORMING PRECODING FOR ADAPTIVE ANTENNA SCALING IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR
(73) LG Electronics Inc.
(72) KANG, Jiwon
CHUNG, Jaehoon
LEE, Kilbom
BYUN, Ilmu
KO, Hyunsoo
(31) 201361838887 P
201361859787 P
201361859792 P
201361876774 P
(32) 25.06.2013
30.07.2013
30.07.2013
12.09.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) H04B 7/04
H04B 7/06
H04B 7/0417
(11) EP2896138
(21) EP13733282.1
(47) 31.10.2018
(87) EP2013063683
20.03.2014
(22) 28.06.2013
(54) FINDING CHANNEL STATE INFORMATION WITH REDUCED CODEBOOK IN A MULTI-ANTENNA WIRELESS COMMUNICATION SYSTEM
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) NAMMI, Sairamesh
(31) 201213610319
201313748212
(32) 11.09.2012
23.01.2013
(33) United States of America
United States of America

(51) H04B 7/06
H04W 52/16
(11) EP2395678
(21) EP11004382.5
(47) 31.10.2018
(22) 27.05.2011
(54) CYCLIC SHIFT DELAY (CSD) SHORT TRAINING FIELD (STF) FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SIGNALING WITHIN MULTIPLE USER, MULTIPLE ACCESS, AND/OR MIMO WIRELESS COMMUNICATIONS
(73) Avago Technologies General IP (Singapore) Pte. Ltd.
(72) Zheng, Jun
Erceg, Vinko
(31) 353184 P
357936 P
387930 P
390295 P
73716
(32) 09.06.2010
23.06.2010
29.09.2010
06.10.2010
28.03.2011
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) H04B 7/08
H04B 7/0408
H04B 7/06
H04W 56/00
(11) EP2248380
(21) EP09810903.6
(47) 31.10.2018
(87) AU2009001022
11.03.2010
(22) 10.08.2009
(54) FIXED MULTIPLE ACCESS WIRELESS COMMUNICATION
(73) Commonwealth Scientific and Industrial Research Organisation
(72) SUZUKI, Hajime
HAYMAN, Douglas, Brian
PATHIKULANGARA, Joseph, Abraham
COLLINGS, Iain, Bruce
CHEN, Zhuo
(31) 2008904556
(32) 02.09.2008
(33) Australia

(51) H04B 7/08
H04B 7/06
H04W 52/02
H04W 88/10
H04W 28/08
(11) EP3002889
(21) EP13888296.4
(47) 31.10.2018
(87) CN2013078262
31.12.2014
(22) 28.06.2013
(54) MULTI-MODE BASE STATION CONTROL METHOD AND BASE STATION
(73) Huawei Technologies Co., Ltd.
(72) DUAN, Xiaoming
ZHU, Jiang
FEI, Yingfeng

(51) H04B 7/15
H04B 7/26

H04B 7/155
(11) EP2530849
(21) EP12170608.9
(47) 31.10.2018
(22) 01.06.2012
(54) Mobile Repeater System and Method Having Geophsyical Location Awareness Without Use of GPS
(73) CommScope Technologies LLC
(72) Kummetz, Thomas
Melester, Matthew
(31) 201161492923 P
201213485207
(32) 03.06.2011
31.05.2012
(33) United States of America
United States of America

(51) H04B 7/185
(11) EP1766809
(21) EP05762826.5
(47) 31.10.2018
(87) FR2005050340
09.02.2006
(22) 18.05.2005
(54) COMMUNICATION NETWORK WITH RADIO SIGNAL RELAYING THROUGH TERMINAL RELAYS
(73) Beijing Xiaomi Mobile Software Co., Ltd.
(72) COURSEILLE, Olivier
(31) 0451471
(32) 08.07.2004
(33) France

(51) H04B 7/185
(11) EP2351250
(21) EP09828176.9
(47) 31.10.2018
(87) US2009065008
27.05.2010
(22) 18.11.2009
(54) EFFICIENT CONTROL SIGNALING OVER SHARED COMMUNICATION CHANNELS WITH WIDE DYNAMIC RANGE
(73) ViaSat, Inc.
(72) BECKER, Donald Wesley
VELAYUDHAN, Nirmalkumar
LOH, Arthur Senyue
O'NEILL, John Hai
PADMANABHAN, Veena
(31) 115871 P
116090 P
(32) 18.11.2008
19.11.2008
(33) United States of America
United States of America

(51) H04B 7/185
(11) EP2999136
(21) EP14290278.2
(47) 31.10.2018
(22) 17.09.2014
(54) Satellite communications networking
(73) Iridium Satellite LLC
(72) Boutillon, Jean-Francois
Baudoin, Cédric

(51) H04B 7/22
H04B 5/00
(11) EP2974076
(21) EP14769638.9
(47) 31.10.2018
(87) US2014024733
25.09.2014
(22) 12.03.2014
(54) USING A WIRELESS RADIO TO MANAGE POWER CONSUMPTION
(73) Facebook, Inc.
(72) MAGUIRE, Yael
(31) 201313842156
(32) 15.03.2013
(33) United States of America

(51) H04B 7/26
(11) EP3082364
(21) EP13899054.4
(47) 31.10.2018
(87) CN2013089070
18.06.2015
(22) 11.12.2013
(54) COMMUNICATION METHOD BASED ON TIME DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM, AND TERMINAL
(73) Hytera Communications Corp., Ltd.
(72) YU, Yang
XU, Yan
LUO, Zhenghua
YANG, Fan

(51) H04B 10/079
(11) EP3148098
(21) EP16189587.5
(47) 31.10.2018
(22) 20.09.2016
(54) OPTICAL POWER MEASUREMENT IN A PASSIVE OPTICAL NETWORK
(73) EXFO Inc.
(72) Ruchet, Bernard
L'Heureux, Mario
Gariepy, Daniel
(31) 201562221678 P
201662288199 P
(32) 22.09.2015
28.01.2016
(33) United States of America
United States of America

(51) H04B 10/11
H04B 10/27
H04B 10/112
(11) EP2803150
(21) EP13736374.3
(47) 31.10.2018
(87) US2013020536
18.07.2013
(22) 07.01.2013
(54) ESTABLISHING OPTICAL-COMMUNICATION LOCK WITH NEARBY BALLOON
(73) X Development LLC
(72) DEVAUL, Richard, Wayne
TELLER, Eric
BIFFLE, Clifford, L.
WEAVER, Josh
(31) 201213346645
(32) 09.01.2012
(33) United States of America

(51) H04B 10/114
(11) EP2191592
(21) EP08803531.6
(47) 31.10.2018
(87) EP2008061560
19.03.2009
(22) 02.09.2008
(54) DATA TRANSMISSION WITH ROOM ILLUMINATIONS HAVING LIGHT EMITTING DIODES
(73) Siemens Aktiengesellschaft
(72) RANDEL, Sebastian
ROHDE, Harald
GAETE JAMETT, Oscar Cristobal
(31) 102007043255
(32) 11.09.2007
(33) Germany

(51) H04B 10/116
(11) EP2478650
(21) EP10817415.2
(47) 31.10.2018
(87) KR2010006323
24.03.2011
(22) 15.09.2010
(54) APPARATUS AND METHOD FOR GENERATING HIGH RESOLUTION FRAMES FOR DIMMING AND VISIBILITY SUPPORT IN VISIBLE LIGHT COMMUNICATION
(73) Samsung Electronics Co., Ltd.
(72) RAJAGOPAL, Sridhar
KHAN, Farooq
(31) 276783 P
767678
(32) 16.09.2009
26.04.2010
(33) United States of America
United States of America

(51) H04B 10/116
(11) EP3172849
(21) EP15738194.8
(47) 31.10.2018
(87) US2015037412
28.01.2016
(22) 24.06.2015
(54) DERIVATION OF AN IDENTIFIER ENCODED IN A VISIBLE LIGHT COMMUNICATION SIGNAL
(73) Qualcomm Incorporated
(72) JOVICIC, Aleksandar
PERUMAL, Mahadevi, Pillai
RICHARDSON, Thomas, Joseph
LI, Junyi
(31) 201414339170
(32) 23.07.2014
(33) United States of America

(51) H04B 10/2581
H04J 14/02
H04J 14/04
H04J 14/06
H04B 10/548
H04B 10/2507
(11) EP2724483
(21) EP12730902.9
(47) 31.10.2018
(87) EP2012062124
27.12.2012
(22) 22.06.2012
(54) SYSTEM FOR TRANSMISSION OVER A MULTI-CORE OPTICAL FIBER
(73) Institut Mines-Telecom
(72) MUMTAZ, Sami

REKAYA-BEN OTHMAN, Ghaya
JAOUEN, Yves
(31) 1155537
(32) 23.06.2011
(33) France

(51) H04B 10/69
(11) EP2992628
(21) EP14722633.6
(47) 31.10.2018
(87) EP2014058937
06.11.2014
(22) 30.04.2014
(54) CIRCUIT ARRANGEMENT AND METHOD FOR RECEIVING OPTICAL SIGNALS
(73) Silicon Line GmbH
(72) HIDRI, Ols
GROEPL, Martin
HOELTKE, Holger
(31) 13166092
(32) 30.04.2013
(33) European Patent Office (EPO)

(51) H04B 10/69
H04B 10/61
(11) EP2862297
(21) EP12740138.8
(47) 31.10.2018
(87) EP2012064596
19.12.2013
(22) 25.07.2012
(54) RECEIVER FOR OPTICAL TRANSMISSION SYSTEM
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) MARSELLA, Domenico
SECONDINI, Marco
MAGRI, Roberto
FORESTIERI, Enrico
(31) 12172268
(32) 15.06.2012
(33) European Patent Office (EPO)

(51) H04B 17/12
H01Q 3/20
H01Q 1/28
H01Q 25/00
(11) EP3032765
(21) EP14307009.2
(47) 31.10.2018
(22) 12.12.2014
(54) Method of reducing phase abberation in an antenna system with array feed
(73) Eutelsat S.A.
(72) Amos, Sonya
Fenech, Hector

(51) H04H 60/37
(11) EP2213026
(21) EP08743857.8
(47) 31.10.2018
(87) US2008056891
23.04.2009
(22) 13.03.2008
(54) METHODS AND SYSTEM TO CREATE A MEDIA MEASUREMENT REFERENCE DATABASE FROM A PLURALITY OF DISTRIBUTED SOURCES
(73) The Nielsen Company (US), LLC
(72) WRIGHT, David, Howell
CURTIS, Christian
(31) 981026 P
(32) 18.10.2007
(33) United States of America

(51) H04H 60/43
H04H 60/46
H04H 60/56
H04N 21/258
H04N 21/41
H04N 21/439
H04N 21/442
H04N 21/658
H04N 21/4415
(11) EP2950545
(21) EP13873102.1
(47) 31.10.2018
(87) KR2013000576
31.07.2014
(22) 24.01.2013
(54) SYSTEM AND METHOD FOR SURVEYING BROADCASTING RATINGS
(73) Enswers Co., Ltd.
(72) CHO, Hoon-young
KIM, Kil-youn
LEE, Jaehyung
(31) 20130007660
(32) 23.01.2013
(33) Korea (Republic)

(51) H04J 3/06
G01C 19/00
G05B 23/02
G06F 19/00
G05B 21/02
G06F 11/30
H04Q 9/00
(11) EP2738963
(21) EP12195049.7
(47) 31.10.2018
(22) 30.11.2012
(54) Time stamping a sensor sample
(73) BlackBerry Limited
(72) Grant, Christopher James
Oliver, Robert George
Buchanan, Nathan Daniel Pozniak

(51) H04J 11/00
H04L 27/26
(11) EP2109948
(21) EP08727540.0
(47) 31.10.2018
(87) US2008050779
17.07.2008
(22) 10.01.2008
(54) TRANSMISSION OF INFORMATION USING CYCLICALLY SHIFTED SEQUENCES
(73) Qualcomm Incorporated
(72) MALLADI, Durga Prasad
KIM, Byoung-Hoon
(31) 884403 P
971872
(32) 10.01.2007
09.01.2008
(33) United States of America
United States of America

(51) H04J 11/00
H04W 48/16
H04W 24/02
H04W 36/04
H04W 84/20
(11) EP2983315
(21) EP14779432.5
(47) 31.10.2018
(87) KR2014002727
09.10.2014
(22) 31.03.2014
(54) METHOD AND APPARATUS FOR CELL TO DISCOVER ANOTHER CELL
(73) LG Electronics Inc.
(72) AHN, Joonkui
HWANG, Daesung
YI, Yunjung
SEO, Dongyoun
YANG, Suckchel
(31) 201361808198 P
201361810744 P
(32) 03.04.2013
11.04.2013
(33) United States of America
United States of America

(51) H04J 11/00
H04W 52/24
H04W 16/32
H04W 52/34
H04B 17/336
H04L 29/08
H04W 84/12
(11) EP3075088
(21) EP14814975.0
(47) 31.10.2018
(87) FR2014053062
04.06.2015
(22) 27.11.2014
(54) METHOD OF COORDINATING RADIO TRANSMITTERS BASED ON A CODING OF LEVEL OF POWER TRANSMITTED AND CORRESPONDING TRANSMITTER
(73) Orange
(72) LASAULCE, Samson
SATHEESKUMAR VARMA, Vineeth
VISOZ, Raphaël
(31) 1361885
(32) 29.11.2013
(33) France

(51) H04J 11/00
H04W 56/00
H04L 27/26
(11) EP3197216
(21) EP14900070.5
(47) 31.10.2018
(87) CN2014084721
25.02.2016
(22) 19.08.2014
(54) SYNCHRONIZATION SIGNAL TRANSMITTING METHOD, RECEIVING METHOD, AND RELATED DEVICE
(73) Huawei Technologies Co., Ltd.
(72) JI, Tong
WU, Yiling
ZHANG, Weiliang

(51) H04J 13/22
H04B 7/26
H04J 13/00
H04J 13/14
H04W 74/00
(11) EP2197126
(21) EP08871876.2
(47) 31.10.2018

(87) CN2008002136
06.08.2009
(22) 30.12.2008
(54) CYCLIC SHIFT DURATION SET GENERATION METHOD AND RANDOM ACCESS PREAMBLE GENERATION METHOD
(73) ZTE Corporation
(72) HAO, Peng
YU, Bin
XIA, Shuqiang
DAI, Bo
LIANG, Chunli
(31) 200810003371
(32) 17.01.2008
(33) China

(51) H04J 14/02
(11) EP2510641
(21) EP10836578.4
(47) 31.10.2018
(87) US2010059353
16.06.2011
(22) 08.12.2010
(54) CHANNEL POWER MANAGEMENT IN A BRANCHED OPTICAL COMMUNICATION SYSTEM
(73) TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC
(72) KOVSH, Dmitriy
LI, Haifeng
(31) 633000
(32) 08.12.2009
(33) United States of America

(51) H04J 14/02
H04J 14/08
H04B 10/25
H04B 10/272
(11) EP2997684
(21) EP14798367.0
(47) 31.10.2018
(87) CN2014073972
20.11.2014
(22) 24.03.2014
(54) USING NOISY WINDOW FOR UNCALIBRATED OPTICAL NETWORK UNIT ACTIVATION
(73) ZTE (USA) Inc.
ZTE Corporation
(72) A. KHOTIMSKY, Denis
ZHU, Songlin
ZHANG, Dezhi
(31) PCT/CN2013/075661
(32) 15.05.2013
(33) World Intellectual Property Office (WIPO)

(51) H04K 1/00
H04W 12/10
H04L 29/06
H04B 5/00
H04W 4/00
G06K 7/10
H04L 9/32
(11) EP2301177
(21) EP09794634.7
(47) 31.10.2018
(87) KR2009003718
14.01.2010
(22) 07.07.2009
(54) A NFC DEVICE AND METHOD FOR SELECTIVELY SECURING RECORDS IN A NEAR FIELD COMMUNICATION DATA EXCHANGE FORMAT MESSAGE
(73) Samsung Electronics Co., Ltd.
(72) ARUNAN, Thenmozhi
WON, Eun-Tae
(31) CH16682008
20090043472
(32) 09.07.2008
19.05.2009
(33) India
Korea (Republic)

(51) H04L 1/00
H04L 27/26
H04H 20/71
H03M 13/11
H03M 13/15
H03M 13/27
H03M 13/29
(11) EP2958319
(21) EP14795181.8
(47) 31.10.2018
(87) KR2014004191
13.11.2014
(22) 09.05.2014
(54) BROADCAST SIGNAL TRANSMISSION AND RECEPTION APPARATUS AND METHODS THEREFOR
(73) LG Electronics Inc.
(72) BAEK, Jongseob
KIM, Byounggill
KIM, Woochan
KIM, Jaehyung
KO, Woosuk
HONG, Sungryong
MUN, Chulkyu
CHOI, Jinyong
HWANG, Jaeho
KWAK, Kookyeon
JEONG, Byeongkook
(31) 201361821697 P
201361825076 P
201361825531 P
201361825533 P
201361832936 P
(32) 09.05.2013
19.05.2013
21.05.2013
21.05.2013
09.06.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) H04L 1/00
H04W 72/04
H04W 4/00
(11) EP2100471
(21) EP08700978.3
(47) 31.10.2018
(87) EP2008000026
10.07.2008
(22) 03.01.2008
(54) SHARED CONTROL CHANNEL STRUCTURE
(73) Nokia Technologies Oy
(72) RINNE, Mika
FREDERIKSEN, Frank
KOLDING, Troels
VISURI, Samuli
(31) 878079 P
651012
(32) 03.01.2007
09.01.2007
(33) United States of America
United States of America

(51) H04L 1/02
H04B 7/08
H04B 7/06
H01Q 3/26
(11) EP2050216
(21) EP07760284.5
(47) 31.10.2018
(87) US2007066185
21.02.2008
(22) 06.04.2007
(54) SYSTEM AND METHOD FOR IMPROVING THE ROBUSTNESS OF SPATIAL DIVISION MULTIPLE ACCESS VIA NULLING
(73) Cisco Technology, Inc.
(72) JIM, Hang
LI, Guo
(31) 836716 P
695575
(32) 10.08.2006
02.04.2007
(33) United States of America
United States of America

(51) H04L 1/06
H04B 7/06
H04L 5/00
(11) EP1769601
(21) EP05775616.5
(47) 31.10.2018
(87) US2005026058
02.02.2006
(22) 22.07.2005
(54) PILOT TONES IN A MULTI-TRANSMIT OFDM SYSTEM USABLE TO CAPTURE TRANSMITTER DIVERSITY BENEFITS
(73) QUALCOMM Incorporated
(72) VAN ZELST, Albert
JONES, Vincent, K.
(31) 590615 P
(32) 22.07.2004
(33) United States of America

(51) H04L 1/16
H04L 5/00
H04W 72/04
H04W 4/02
H04W 72/12
H04W 74/04
H04L 1/18
(11) EP3192201
(21) EP15840179.4
(47) 31.10.2018
(87) KR2015009591
17.03.2016
(22) 11.09.2015
(54) METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING ACKNOWLEDGMENT IN A WIRELESS COMMUNICATION SYSTEM

(73) Samsung Electronics Co., Ltd.
(72) JOSIAM, Kaushik
TAORI, Rakesh
(31) 201462049871 P
201462058422 P
201514634186
(32) 12.09.2014
01.10.2014
27.02.2015
(33) United States of America
United States of America
United States of America
(51) H04L 1/18
H04L 5/00
(11) EP2737654
(21) EP12743855.4
(47) 31.10.2018
(87) US2012048554
31.01.2013
(22) 27.07.2012
(54) METHOD AND APPARATUS FOR SIGNALING CONTROL DATA OF AGGREGATED CARRIERS
(73) Qualcomm Incorporated
(72) CHEN, Wanshi
MONTOJO, Juan
DAMNJANOVIC, Jelena
GAAL, Peter
(31) 201161512825 P
201213558962
(32) 28.07.2011
26.07.2012
(33) United States of America
United States of America
(51) H04L 1/18
H04W 36/02
H04L 12/70
(11) EP2938025
(21) EP13788462.3
(47) 31.10.2018
(87) CN2013079786
14.11.2013
(22) 22.07.2013
(54) METHOD OF DATA RETRANSMISSION IN COLLABORATIVE SERVICE TRANSMISSION AND ACCESS NETWORK GATEWAY THEREOF
(73) ZTE Corporation
(72) SUN, Aifang
HE, Jingwei
GAO, Chong
LING, Zhihao
ZHANG, Zhifei
QI, Xuewen
CAO, Jianfu
YUAN, Yifeng
(31) 201310017711
(32) 17.01.2013
(33) China
(51) H04L 1/20
H04L 1/00
H04L 1/08
H04W 72/04
H04W 72/08
H04B 17/336
H04B 17/318
(11) EP3262777
(21) EP15707086.3
(47) 31.10.2018
(87) EP2015053806
01.09.2016
(22) 24.02.2015
(54) DETERMINING SIGNAL TO NOISE RATIO AND TTI BUNDLING ADAPTATION IN A COMMUNICATION NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SANDBERG, David
NORDSTRÖM, Björn
(51) H04L 1/20
H04L 1/24
H04L 27/38
(11) EP2779510
(21) EP13159410.3
(47) 31.10.2018
(22) 15.03.2013
(54) Statistical weighting and adjustment of state variables in a radio
(73) BlackBerry Limited
(72) Manku, Tajinder
(51) H04L 5/00
(11) EP2569892
(21) EP11721919.6
(47) 31.10.2018
(87) US2011036478
17.11.2011
(22) 13.05.2011
(54) METHODS AND APPARATUSES FOR DOWNLINK CHANNEL RESOURCE ASSIGNMENT
(73) Qualcomm Incorporated
(72) LUO, Xiliang
GAAL, Peter
CHEN, Wanshi
LUO, Tao
MONTOJO, Juan
(31) 201113106643
334910 P
(32) 12.05.2011
14.05.2010
(33) United States of America
United States of America
(51) H04L 5/00
(11) EP2847917
(21) EP13725834.9
(47) 31.10.2018
(87) SE2013000065
14.11.2013
(22) 08.05.2013
(54) APPARATUS AND METHOD FOR DOWNLINK SCHEDULING
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) FRENNE, Mattias
LARSSON, Daniel
LINDBOM, Lars
(31) 201261645653 P
(32) 11.05.2012
(33) United States of America
(51) H04L 5/00
(11) EP2675101
(21) EP13172252.2
(47) 31.10.2018
(22) 17.06.2013
(54) Method of handling downlink control information and a communication device related thereto
(73) Acer Incorporated
(72) Hsieh, Chia-Wen
Lee, Chien-Min
(31) 201261659985 P
201313917610
(32) 15.06.2012
13.06.2013
(33) United States of America
United States of America
(51) H04L 5/00
H04B 7/0456
H04B 7/06
H04L 1/18
(11) EP3208965
(21) EP17165184.7
(47) 31.10.2018
(22) 20.11.2014
(54) IMPROVED CHANNEL STATE INFORMATION REPORTING FOR LICENSED AND UNLICENSED CARRIERS
(73) Panasonic Intellectual Property Corporation of America
(72) GOLITSCHEK EDLER VON ELBWART, Alexander
EINHAUS, Michael
FENG, Sujuan
SUZUKI, Hidetoshi
(51) H04L 5/00
H04L 25/02
H04L 27/26
H04B 7/06
H04B 7/0456
H04J 13/00
(11) EP3284199
(21) EP16713653.0
(47) 31.10.2018
(87) US2016020358
20.10.2016
(22) 02.03.2016
(54) EFFICIENT CHANNEL ESTIMATION USING GOLAY SEQUENCES
(73) Qualcomm Incorporated
(72) SANDEROVICH, Amichai
(31) 201562149111 P
201615057956
(32) 17.04.2015
01.03.2016
(33) United States of America
United States of America
(51) H04L 5/00
H04L 27/20
H04L 27/18
H04L 27/26
H04L 1/18
(11) EP2988462
(21) EP14784763.6
(47) 31.10.2018
(87) KR2014003418
23.10.2014
(22) 18.04.2014
(54) METHOD AND APPARATUS FOR TRANSMITTING THE HEW-SIG FIELD IN WLAN COMMUNICATIONS SYSTEMS
(73) LG Electronics Inc.
(72) CHOI, Jinsoo
LEE, Wookbong

CHO, Hangyu
LIM, Dongguk
CHUN, Jinyoung
(31) 201361813644 P
201361821732 P
(32) 19.04.2013
10.05.2013
(33) United States of America
United States of America

(51) H04L 5/00
H04L 27/26
H04L 1/08
H04L 1/00
(11) EP2777204
(21) EP12780508.3
(47) 31.10.2018
(87) EP2012071921
16.05.2013
(22) 06.11.2012
(54) Transmission and reception of overlapping E-PDCCH and PDCCH signals
(73) Panasonic Intellectual Property Corporation of America
(72) FENG, Sujuan
GOLITSCHEK EDLER VON ELBWART, Alexander
WENGERTER, Christian
(31) 11188121
(32) 07.11.2011
(33) European Patent Office (EPO)

(51) H04L 5/00
H04W 24/10
(11) EP2993941
(21) EP14804303.7
(47) 31.10.2018
(87) CN2014077064
04.12.2014
(22) 08.05.2014
(54) METHOD AND NODE FOR INTERFERENCE MEASUREMENT VIA INTER-CELL COOPERATION
(73) ZTE Corporation
(72) ZHENG, Yong
LI, Yu Ngok
SUN, Yunfeng
(31) 201310213742
(32) 31.05.2013
(33) China

(51) H04L 5/00
H04W 52/02
H04W 36/30
(11) EP2237469
(21) EP09157319.6
(47) 31.10.2018
(22) 03.04.2009
(54) Method and device for measuring a received signal power in a mobile communication system
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) Lindoff, Bengt
Flordelis, Jose
Axmon, Joakim

(51) H04L 5/14
H04J 14/02
(11) EP1992088
(21) EP07778878.4
(47) 31.10.2018
(87) US2007063071
13.09.2007
(22) 01.03.2007
(54) SIMPLE FIBRE CHANNEL SPEED NEGOTIATION ACROSS TRANSPORT
(73) Cisco Technology, Inc.
(72) NATARAJAN, Sriram
MENON, Jayakrishna M.
CHAN, Gary K.
(31) 276563
(32) 06.03.2006
(33) United States of America

(51) H04L 5/14
H04L 25/08
H04L 25/02
(11) EP3158701
(21) EP15808947.4
(47) 31.10.2018
(87) US2015036320
23.12.2015
(22) 18.06.2015
(54) INTERFERENCE ALIGNMENT IN A NETWORK WITH ASYMMETRICAL CHANNEL DIMENSIONS
(73) NEC Corporation
(72) KHOJASTEPOUR, Mohammad
SUNDARESAN, Karthikeyan
(31) 201462014458 P
201514742039
(32) 19.06.2014
17.06.2015
(33) United States of America
United States of America

(51) H04L 9/00
H04L 29/06
H04L 9/30
H04L 9/32
(11) EP1895706
(21) EP06291381.9
(47) 31.10.2018
(22) 31.08.2006
(54) Method for securing an interaction between a first node and a second node, first node arranged for interacting with a second node and computer program
(73) Apple Inc.
(72) Lucidarme, Thierry

(51) H04L 9/08
H04L 9/16
H04L 9/32
H04L 29/06
(11) EP2810401
(21) EP13702549.0
(47) 31.10.2018
(87) US2013022292
08.08.2013
(22) 18.01.2013
(54) CRYPTOGRAPHIC SECURITY FUNCTIONS BASED ON ANTICIPATED CHANGES IN DYNAMIC MINUTIAE
(73) Msignia, Inc.
(72) MILLER, Paul Timothy
TUVELL, George Allen
(31) 201213366197
(32) 03.02.2012
(33) United States of America

(51) H04L 9/08
H04L 29/06
(11) EP2974116
(21) EP13877870.9
(47) 31.10.2018
(87) US2013032247
18.09.2014
(22) 15.03.2013
(54) SENDING ENCRYPTED DATA TO A SERVICE PROVIDER
(73) EntIT Software LLC
(72) SCHIMMELPFENG, Jörn
SCHNELLER, Timo
BEITER, Michael Bernd
LAENGERER, Carsten

(51) H04L 9/32
(11) EP3101835
(21) EP15743408.5
(47) 31.10.2018
(87) CN2015071629
06.08.2015
(22) 27.01.2015
(54) ENTITY IDENTIFICATION METHOD, APPARATUS AND SYSTEM
(73) China Iwncomm Co., Ltd.
(72) DU, Zhiqiang
HU, Yanan
LI, Qin
LI, Ming
LI, Yi
(31) 201410041837
(32) 28.01.2014
(33) China

(51) H04L 9/32
H04H 60/15
(11) EP2547035
(21) EP12005038.0
(47) 31.10.2018
(22) 14.04.2006
(54) Tag generation method in broadcast encryption system
(73) Samsung Electronics Co., Ltd.
(72) Jin, Weon-il
Sung, Maeng Hee
Kim, Dae-youb
(31) 20050117724
672550 P
(32) 05.12.2005
19.04.2005
(33) Korea (Republic)
United States of America

(51) H04L 9/32
H04L 29/06
(11) EP2477352
(21) EP11075276.3
(47) 31.10.2018
(22) 22.12.2011
(54) Verification of identification of Identity card data for customers handling
(73) Bundesdruckerei GmbH
(72) Maggioni, Christoph
Rach, Andreas
Risse, Heinz
(31) 102011000112
(32) 13.01.2011
(33) Germany

(51) H04L 12/10
H04L 12/40
H04L 12/24
H04L 12/26
G01R 31/02

B60L 3/00
H02H 3/16
H04L 25/08
(11) EP3221998
(21) EP15813948.5
(47) 31.10.2018
(87) US2015061661
26.05.2016
(22) 19.11.2015
(54) DETECTING GROUND ISOLATION FAULT IN ETHERNET PODL SYSTEM
(73) Linear Technology Corporation
(72) GARDNER, Andrew J.
HEATH, Jeffrey L.
(31) 201462081724 P
201514945260
(32) 19.11.2014
18.11.2015
(33) United States of America
United States of America

(51) H04L 12/10
H04L 12/40
H04L 29/12
G06F 12/06
(11) EP3217594
(21) EP17159338.7
(47) 31.10.2018
(22) 06.03.2017
(54) BUS MODULE AND BUS INITIALIZING METHOD
(73) Deutsche Lichtmiete GmbH
(72) HAHN, Alexander
REMITZ, Hans-Jörg
(31) 102016204084
(32) 11.03.2016
(33) Germany

(51) H04L 12/10
H04L 12/40
H05B 33/08
(11) EP3262786
(21) EP16705166.3
(47) 31.10.2018
(87) EP2016053435
01.09.2016
(22) 18.02.2016
(54) DEVICE AND METHOD FOR PARALLEL POWERING
(73) Philips Lighting Holding B.V.
(72) RADERMACHER, Harald, Josef, Günther
WENDT, Matthias
VAN GOOR, Dave, Willem
YSEBOODT, Lennart
(31) 15156887
(32) 27.02.2015
(33) European Patent Office (EPO)

(51) H04L 12/12
G06F 11/30
G16H 40/40
(11) EP2362315
(21) EP11156016.5
(47) 31.10.2018
(22) 25.02.2011
(54) Remote maintenance system and relay unit
(73) Nihon Kohden Corporation
(72) Wakabayashi, Tsutomu
Tezuka, Shinji
Nakayama, Tadashi
(31) 2010040567
(32) 25.02.2010
(33) Japan

(51) H04L 12/18
(11) EP3053303
(21) EP14777735.3
(47) 31.10.2018
(87) FR2014052260
09.04.2015
(22) 11.09.2014
(54) METHOD FOR SUBSCRIBING TO STREAMS COMING FROM MULTICAST CLIENTS
(73) Orange
(72) LEMOINE, Benoît
(31) 1359507
(32) 01.10.2013
(33) France

(51) H04L 12/24
(11) EP2536067
(21) EP10850535.5
(47) 31.10.2018
(87) CN2010075301
03.11.2011
(22) 20.07.2010
(54) APPARATUS AND METHOD FOR IMPLEMENTING POINT TO POINT PROTOCOL DATA SERVICE LINK-DISCONNECT
(73) ZTE Corporation
(72) YAN, Xiaomei
(31) 201010155205
(32) 26.04.2010
(33) China

(51) H04L 12/24
(11) EP3176980
(21) EP15840857.5
(47) 31.10.2018
(87) CN2015081072
17.03.2016
(22) 09.06.2015
(54) UNIFIED SERVER COMMUNICATION METHOD, BASEBOARD MANAGEMENT CONTROLLER AND SERVER
(73) Huawei Technologies Co., Ltd.
(72) PENG, Lin
(31) 201410457803
(32) 10.09.2014
(33) China

(51) H04L 12/24
H04L 12/26
G06Q 50/06
G06F 3/0484
G06F 3/0481
(11) EP2775691
(21) EP14160993.3
(47) 31.10.2018
(22) 12.03.2012
(54) Method and apparatus for station energy consumption management and presentation
(73) Huawei Technologies Co., Ltd.
(72) Guo, Jia
Gao, Jian
(31) 201110216727
(32) 30.07.2011
(33) China

(51) H04L 12/24
H04L 12/28
H04L 12/803
H04L 12/759
H04L 12/26
H04L 12/721
H04L 12/703
H04L 12/773
H04L 29/06
(11) EP2534795
(21) EP11742909.2
(47) 31.10.2018
(87) US2011024617
18.08.2011
(22) 11.02.2011
(54) METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR PROVIDING ORIGIN ROUTING AT A DIAMETER NODE
(73) Tekelec, Inc.
(72) WALLACE, Donald, E.
KANODE, Mark, Edward
CRAIG, Jeffrey, Alan
MCCANN, Thomas, M.
KARMARKAR, Kedar, Kashinath
TOMAR, Mahesh
(31) 304310 P
(32) 12.02.2010
(33) United States of America

(51) H04L 12/24
H04L 29/06
H04L 12/46
(11) EP2262169
(21) EP10160971.7
(47) 31.10.2018
(22) 24.04.2010
(54) Automatic configuration of a terminal device by a router.
(73) Sony Corporation
Sony Electronics Inc.
(72) Sanchez, Jose
Desalvo, Tsui-Ping
(31) 455882
(32) 09.06.2009
(33) United States of America

(51) H04L 12/24
H04L 29/06
H04W 12/00
H04L 29/12
(11) EP2854475
(21) EP12879884.0
(47) 31.10.2018
(87) CN2012077960
03.01.2014
(22) 29.06.2012
(54) GATEWAY SYSTEM, DEVICE AND COMMUNICATION METHOD
(73) Huawei Technologies Co., Ltd.
(72) TAN, Shiyong
HU, Weihua
YUAN, Liping
ZHANG, Jin

(51) H04L 12/24
H04L 29/08
H04W 4/00
H04W 4/50
H04L 29/06
H04W 12/08
H04W 12/06
(11) EP2553873

(21) EP11713557.4
(47) 31.10.2018
(87) US2011029822
06.10.2011
(22) 24.03.2011
(54) METHODS AND APPARATUS TO TRANSFER MANAGEMENT CONTROL OF A CLIENT BETWEEN SERVERS
(73) BlackBerry Limited
(72) FERRAZZINI, Axel
CARTER, Jason, Lee
GISBY, Douglas, Michael
HOLMES, John, Francis
LOPEZ, Ricard, Enrique
PARRY, Thomas, Owen
ALFANO, Nicholas, P.
(31) 320125 P
(32) 01.04.2010
(33) United States of America

(51) H04L 12/26
(11) EP3197099
(21) EP17152305.3
(47) 31.10.2018
(22) 19.01.2017
(54) SELECTIVE EXTRACTION OF NETWORK LINK TRAINING INFORMATION
(73) Tektronix, Inc.
(72) KELLY, David L.
SMITH, Patrick A.
ANDREWS, Jed H.
RULE, Keith D.
(31) 201662280662 P
201615395600
(32) 19.01.2016
30.12.2016
(33) United States of America
United States of America

(51) H04L 12/26
H04L 12/24
H04L 12/703
H04L 12/46
(11) EP2658177
(21) EP11852174.9
(47) 31.10.2018
(87) CN2011082065
28.06.2012
(22) 11.11.2011
(54) METHOD FOR DETECTING TUNNEL FAULTS AND TRAFFIC ENGINEERING NODE
(73) Huawei Technologies Co., Ltd.
(72) CHEN, Fei
BAI, Tao
CHEN, Lei
(31) 201010606158
(32) 24.12.2010
(33) China

(51) H04L 12/26
H04L 12/761
H04L 12/70
H04L 12/24
(11) EP2834940
(21) EP12873800.2
(47) 31.10.2018
(87) SE2012050369
10.10.2013
(22) 04.04.2012
(54) METHOD FOR SCALABLE MEASURING OF CONNECTIVITY BETWEEN TWO WAY ACTIVE MEASUREMENT PROTOCOL (TWAMP) ENTITIES.
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) KÖLHI, Johan
WELIN, Annikki
THYNI, Tomas
HALLSTRÖM, Lars

(51) H04L 12/26
H04L 29/06
(11) EP2191612
(21) EP07786706.7
(47) 31.10.2018
(87) EP2007007355
26.02.2009
(22) 21.08.2007
(54) METHOD FOR DETECTING ATTACKS TO MULTIMEDIA SYSTEMS AND MULTIMEDIA SYSTEM WITH ATTACK DETECTION FUNCTIONALITY
(73) NEC Corporation
(72) NICCOLINI, Saverio
EWALD, Thilo
SCHMID, Stefan

(51) H04L 12/28
(11) EP2474198
(21) EP10813931.2
(47) 31.10.2018
(87) KR2010005933
10.03.2011
(22) 01.09.2010
(54) APPARATUS AND METHOD FOR REMOTE CONTROL IN A SHORT-RANGE NETWORK, AND SYSTEM SUPPORTING THE SAME
(73) Samsung Electronics Co., Ltd.
(72) PARK, Ho-Yeon
HWANG, Sung-Oh
JUNG, Bo-Sun
KIM, Jun-Hyung
KEUM, Ji-Eun
(31) 20090082237
20090096927
(32) 01.09.2009
12.10.2009
(33) Korea (Republic)
Korea (Republic)

(51) H04L 12/28
H04L 12/16
H04L 12/66
H04L 1/00
G06F 15/16
H04L 12/26
H04L 29/06
H04L 12/751
H04L 12/703
H04L 12/721
(11) EP1844579
(21) EP06734120.6
(47) 31.10.2018
(87) US2006003407
10.08.2006
(22) 31.01.2006
(54) SYSTEM AND METHODS FOR NETWORK PATH DETECTION
(73) Cisco Technology, Inc.
(72) PREVIDI, Stefano
GUICHARD, James N.
VASSEUR, Jean-Philippe
WARD, David D.
(31) 48077
(32) 01.02.2005
(33) United States of America

(51) H04L 12/28
H04L 12/44
(11) EP2555473
(21) EP11762235.7
(47) 31.10.2018
(87) JP2011001844
06.10.2011
(22) 29.03.2011
(54) COMMUNICATION DEVICE, METHOD, AND PROGRAM FOR MONITORING THE STATUS OF AN ETHERNET-BASED NETWORK
(73) NEC Corporation
(72) KANAI, Hiroya
(31) 2010083585
(32) 31.03.2010
(33) Japan

(51) H04L 12/28
H04M 7/00
H04M 3/42
H04M 1/725
H04W 8/18
H04W 88/06
(11) EP1625764
(21) EP04767162.3
(47) 31.10.2018
(87) FR2004001160
02.12.2004
(22) 12.05.2004
(54) WIRELESS SYSTEM WITH A MULTIMODE USER INTERFACE DYNAMICALLY CONFIGURABLE WITH USER PREFERENCES
(73) Orange
(72) PATEL, Ashish, Roajibhai
(31) 440234
(32) 19.05.2003
(33) United States of America

(51) H04L 12/40
H04L 12/66
(11) EP3288220
(21) EP17184829.4
(47) 31.10.2018
(22) 03.08.2017
(54) A BRIDGE FOR CONNECTING ETHERNET AND SPACEWIRE NETWORKS
(73) Honeywell International Inc.
(72) BADILLO, Alvin
KESSLER, David Jay
OLIVER, Brett Douglas
ALLRED, Barry Lawrence
(31) 201615247699
(32) 25.08.2016
(33) United States of America

(51) H04L 12/46
H04L 12/803
H04L 12/851
H04L 29/08
(11) EP3251304
(21) EP16700413.4
(47) 31.10.2018

(87) EP2016050429
04.08.2016
(22) 12.01.2016
(54) METHOD AND APPARATUS FOR CONNECTING A GATEWAY ROUTER TO A SET OF SCALABLE VIRTUAL IP NETWORK APPLIANCES IN OVERLAY NETWORKS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) HAMMAM, Tarik
FRANZEN, Anders
ABDALLAH, Shukri
BESTE, Fredrick
(31) 201562110451 P
201514613348
(32) 30.01.2015
03.02.2015
(33) United States of America
United States of America

(51) H04L 12/46
H04L 29/08
H04L 12/911
H04L 12/813
(11) EP2880823
(21) EP13762781.6
(47) 31.10.2018
(87) EP2013068679
01.05.2014
(22) 10.09.2013
(54) COMMUNICATION NETWORK AND METHOD FOR OPERATING A COMMUNICATIONS NETWORK
(73) Siemens Aktiengesellschaft
(72) ZIRKLER, Andreas
ARMBRUSTER, Michael
FIEGE, Ludger
RIEDL, Johannes
SCHMID, Thomas
(31) 102012219176
(32) 22.10.2012
(33) Germany

(51) H04L 12/46
H04W 12/04
H04W 84/20
H04L 29/12
H05B 37/02
H04W 84/18
H04W 88/06
(11) EP3272180
(21) EP16713745.4
(47) 31.10.2018
(87) EP2016055492
22.09.2016
(22) 15.03.2016
(54) LIGHTING NETWORK
(73) Philips Lighting Holding B.V.
(72) DRAAIJER, Maurice, Herman, Johan
DENTENEER, Theodorus, Jacobus, Johannes
YANG, Hongming
(31) 15159368
(32) 17.03.2015
(33) European Patent Office (EPO)

(51) H04L 12/58
(11) EP1861971
(21) EP06743789.7
(47) 31.10.2018
(87) FR2006050247
28.09.2006
(22) 22.03.2006
(54) SYSTEM AND METHOD FOR TRANSMITTING MESSAGES BETWEEN A PLATFORM AND A SET OF TERMINALS
(73) Orange
(72) TARRAGO, Aline
COTTIN, François
SEILER, Michel
HERIARD DUBREUIL, Sylvie
FALLETTA, Frédéric
CAMINONDO, Guy
VAN DER VOORT, Cyrille
SAYD, Thierry
BARRY, Aïssatou
(31) 0502802
(32) 22.03.2005
(33) France

(51) H04L 12/58
(11) EP2549695
(21) EP12189057.8
(47) 31.10.2018
(22) 13.11.2007
(54) Method and system for managing message threads in converged ip messaging service
(73) Samsung Electronics Co., Ltd
(72) Lee, Kyung-Tak
Sung, Sang-Kyung
Kim, Wuk
Oh, Jae-Kwon
Lee, Seung-Yong
(31) 20060111783
(32) 13.11.2006
(33) Korea (Republic)

(51) H04L 12/66
H04L 29/08
H04L 12/58
(11) EP2871809
(21) EP13812651.1
(47) 31.10.2018
(87) CN2013078841
09.01.2014
(22) 04.07.2013
(54) MESSAGE PROCESSING METHOD, DEVICE AND SYSTEM FOR INTERNET OF THINGS
(73) ZTE Corporation
(72) LI, Qiuting
(31) 201210229807
(32) 04.07.2012
(33) China

(51) H04L 12/701
H04L 12/40
H04L 29/06
H04L 12/755
(11) EP3267636
(21) EP16178147.1
(47) 31.10.2018
(22) 06.07.2016
(54) MODULAR INDUSTRIAL AUTOMATION DEVICE AND METHOD FOR THE CONFIGURATION OF A MODULAR INDUSTRIAL AUTOMATION DEVICE
(73) Siemens Aktiengesellschaft
(72) Albrecht, Harald

(51) H04L 12/701
H04L 12/753
H04L 12/743
(11) EP1623347
(21) EP04760966.4
(47) 31.10.2018
(87) US2004014568
25.11.2004
(22) 11.05.2004
(54) COMPARISON TREE DATA STRUCTURES AND LOOKUP OPERATIONS
(73) Cisco Technology, Inc.
(72) TESTA, James Fraser
(31) 437116
703733
(32) 13.05.2003
07.11.2003
(33) United States of America
United States of America

(51) H04L 12/703
(11) EP2922247
(21) EP13807157.6
(47) 31.10.2018
(87) CN2013082603
27.12.2013
(22) 29.08.2013
(54) METHOD AND APPARATUS FOR RAPIDLY RESTORING SPANNING TREE BACKUP PORT
(73) ZTE Corporation
(72) JIA, Shurui
(31) 201210553144
(32) 19.12.2012
(33) China

(51) H04L 12/707
H04L 12/725
H04L 12/729
H04L 12/721
H04L 12/911
H04L 12/803
(11) EP2658192
(21) EP12197695.5
(47) 31.10.2018
(22) 18.12.2012
(54) Path weighted equal-cost multipath
(73) Juniper Networks, Inc.
(72) Atlas, Alia
Drake, John E.
Ward, David
Callon, Ross W.
(31) 201261638363 P
201213536487
(32) 25.04.2012
28.06.2012
(33) United States of America
United States of America

(51) H04L 12/721
H04L 12/24
H04B 3/54
H04L 12/701
(11) EP2999163
(21) EP15185330.6
(47) 31.10.2018
(22) 15.09.2015
(54) METHOD FOR DETERMINING A COST OF A COMMUNICATION LINK, AS WELL AS CORRESPONDING EQUIPMENT, COMPUTER PROGRAM PRODUCT AND STORAGE MEANS

(73) SAGEMCOM ENERGY & TELECOM SAS
(72) ROTER, Ziv
SERGI, Jérémie
(31) 1458782
(32) 17.09.2014
(33) France

(51) H04L 12/723
H04L 12/721
H04L 12/46
H04L 12/28
H04N 21/61
(11) EP2172018
(21) EP08781657.5
(47) 31.10.2018
(87) US2008069728
15.01.2009
(22) 11.07.2008
(54) TRANSFERRING DOCSIS FRAMES USING A LABEL SWITCHING NETWORK
(73) Cisco Technology, Inc.
(72) ASATI, Rajiv
CHAPMAN, John
GUICHARD, James Neil
MARTINI, Luca
(31) 776200
(32) 11.07.2007
(33) United States of America

(51) H04L 12/759
(11) EP2652921
(21) EP11808479.7
(47) 31.10.2018
(87) US2011065414
21.06.2012
(22) 16.12.2011
(54) DYNAMIC REROUTE SCHEDULING IN A DIRECTED ACYCLIC GRAPH (DAG)
(73) Cisco Technology, Inc.
(72) SHAFFER, Shmuel
VASSEUR, Jean-philippe
SHETTY, Sandeep, Jay
(31) 971474
(32) 17.12.2010
(33) United States of America

(51) H04L 12/801
(11) EP3114804
(21) EP14714453.9
(47) 31.10.2018
(87) US2014019969
11.09.2015
(22) 03.03.2014
(54) ULTRA-RELIABLE COMMUNICATION RELIABILITY AND DETECTION IN MOBILE NETWORKS
(73) Nokia Technologies OY
(72) MOISIO, Martti Johannes
UUSITALO, Mikko Aleksi
YILMAZ, Osman, Nuri Can
LI, Zexian

(51) H04L 12/801
H03M 13/00
(11) EP3190756
(21) EP17020026.5
(47) 31.10.2018
(22) 12.04.2007
(54) PACKET RETRANSMISSION AND MEMORY SHARING
(73) TQ Delta, LLC
(72) Tzannes, Marcos C.
(31) 792236 P
849650 P
(32) 12.04.2006
05.10.2006
(33) United States of America
United States of America

(51) H04L 12/801
H04L 29/06
H04W 28/06
H04W 80/02
H04W 92/14
H04W 4/70
(11) EP2601767
(21) EP11814825.3
(47) 31.10.2018
(87) KR2011005708
09.02.2012
(22) 03.08.2011
(54) METHOD AND BASE STATION OF COMMUNICATING PACKET DATA UNITS OVER THE GB-INTERFACE OF A MOBILE NETWORK
(73) Samsung Electronics Co., Ltd
(72) JAMADAGNI, Satish, Nanjunda, Swamy
HIRISAVE, Pradeep, Krishnamurthy
GANAPATHI, Sarvesha, Anegundi
(31) 2204CH2010
(32) 03.08.2010
(33) India

(51) H04L 12/863
(11) EP2783489
(21) EP12810297.7
(47) 31.10.2018
(87) EP2012076641
26.06.2014
(22) 21.12.2012
(54) AN APPARATUS AND A METHOD FOR PROVIDING A RANDOM EARLY DETECTION IN A PACKET SWITCHED NETWORK
(73) Huawei Technologies Co., Ltd.
(72) HADAR, Ronen

(51) H04L 12/891
H04L 12/803
H04L 12/875
H04L 12/841
H04L 12/801
(11) EP3257207
(21) EP16702885.1
(47) 31.10.2018
(87) EP2016050927
18.08.2016
(22) 18.01.2016
(54) A METHOD OF TRANSMITTING DATA BETWEEN A SOURCE NODE AND DESTINATION NODE
(73) National University of Ireland, Maynooth
(72) SAAVEDRA, Andrés Garcia
KARZAND, Mohammad
LEITH, Douglas
(31) 201502257
(32) 11.02.2015
(33) United Kingdom

(51) H04L 12/931
H04L 12/933
G06F 5/06
G06F 13/16
G06F 13/42
H04L 12/851
H04L 12/801
H04L 12/925
H04L 12/861
H04L 12/835
(11) EP3211844
(21) EP17164298.6
(47) 31.10.2018
(22) 17.12.2014
(54) METHOD AND SYSTEM FOR FLEXIBLE CREDIT EXCHANGE WITHIN HIGH PERFORMANCE FABRICS
(73) INTEL Corporation
(72) RIMMER, Todd M.
LOVETT, Thomas D.
CHENG, Albert S.
(31) 201314136605
(32) 20.12.2013
(33) United States of America

(51) H04L 25/02
H04L 25/03
(11) EP2803223
(21) EP13701170.6
(47) 31.10.2018
(87) US2013020857
18.07.2013
(22) 09.01.2013
(54) SYSTEMS AND METHODS TO TRANSMIT CONFIGURATION CHANGE MESSAGES BETWEEN AN ACCESS POINT AND A STATION
(73) Qualcomm Incorporated
(72) SAMPATH, Hemanth
WENTINK, Maarten Menzo
MERLIN, Simone
(31) 201261584667 P
201313735956
(32) 09.01.2012
07.01.2013
(33) United States of America
United States of America

(51) H04L 27/14
H04L 25/03
(11) EP2599217
(21) EP11812884.2
(47) 31.10.2018
(87) US2011034974
02.02.2012
(22) 03.05.2011
(54) GFSK RECEIVER ARCHITECTURE AND METHODOLOGY
(73) Sensus USA Inc.
(72) ROUQUETTE, Robert, E.
(31) 847951
(32) 30.07.2010
(33) United States of America

(51) H04L 27/18
H04L 27/22
H04L 27/233
H04L 27/26
H04L 27/38
(11) EP2732592
(21) EP12731487.0
(47) 31.10.2018
(87) EP2012063194
17.01.2013
(22) 05.07.2012

(54) METHOD AND MODULE FOR FREQUENCY BIAS ESTIMATION IN A SYSTEM FOR DIGITAL TELECOMMUNICATIONS
(73) SIGFOX
(72) ARTIGUE, Cédric
FOURTET, Christophe
VERTES, Marc
(31) 1156304
(32) 11.07.2011
(33) France

(51) H04L 27/18
H04W 72/04
H04W 52/14
H04W 52/34
H04W 52/36
H04W 52/32
H04W 52/28
H04W 52/24
H04L 5/00
H04L 1/18
H04W 52/18
(11) EP2409532
(21) EP10754056.9
(47) 31.10.2018
(87) US2010027653
23.09.2010
(22) 17.03.2010
(54) UPLINK TRANSMISSION POWER CONTROL IN MULTI-CARRIER COMMUNICATION SYSTEMS
(73) Samsung Electronics Co., Ltd.
(72) PAPASAKELLARIOU, Aris
CHO, Joon-Young
(31) 160879 P
(32) 17.03.2009
(33) United States of America

(51) H04L 27/22
H04B 10/61
H04L 27/38
H04L 27/227
H04L 27/00
(11) EP2109272
(21) EP08007113.7
(47) 31.10.2018
(22) 10.04.2008
(54) Method and device for phase recovery and communication system comprising such device
(73) Xieon Networks S.à r.l.
(72) Hauske, Fabian
Kuschnerov, Maxim
Lankl, Berthold
Piyawanno, Kittipong
Spinnler, Bernhard

(51) H04L 27/26
(11) EP2609719
(21) EP11752114.6
(47) 31.10.2018
(87) EP2011004262
01.03.2012
(22) 25.08.2011
(54) ROBUST PREAMBLE FOR COMMUNICATION OVER NOISY MEDIA
(73) Lantiq Beteiligungs-GmbH & Co. KG
(72) OKSMAN, Vladimir
KIM, Joon Bae
SANDBERG, Stuart
(31) 201161439289 P
377911 P
(32) 03.02.2011
27.08.2010
(33) United States of America
United States of America

(51) H04L 27/26
H04J 11/00
H04L 1/04
H04L 5/00
H04L 9/08
H04W 12/04
H04B 1/69
(11) EP3171562
(21) EP16202151.3
(47) 31.10.2018
(22) 02.08.2012
(54) METHODS AND APPARATUSES USING FILTER BANKS FOR MULTI-CARRIER SPREAD SPECTRUM SIGNALS
(73) Battelle Energy Alliance, LLC
(72) MORADI, Hussein
BEHROUZ, Farhang
KUTSCHE, Carl. A.
(31) 201113311357
(32) 05.12.2011
(33) United States of America

(51) H04L 27/32
H03M 7/30
(11) EP2673884
(21) EP12705734.7
(47) 31.10.2018
(87) US2012023939
16.08.2012
(22) 06.02.2012
(54) METHOD AND APPARATUS FOR SIGNAL COMPRESSION AND DECOMPRESSION
(73) Alcatel Lucent
(72) SAMARDZIJA, Dragan, M.
PASTAIAN, John
MAC DONALD, William, M.
VALENZUELA, Reinaldo, A.
(31) 201113025255
(32) 11.02.2011
(33) United States of America

(51) H04L 27/38
H04L 5/00
H04L 7/00
H04L 27/26
H04B 1/00
H04W 52/02
(11) EP2744165
(21) EP13196269.8
(47) 31.10.2018
(22) 09.12.2013
(54) Filter and demodulator for a receiver
(73) Sony Corporation
(72) Lovell, Martin
(31) 201222555
(32) 14.12.2012
(33) United Kingdom

(51) H04L 29/04
H04M 11/00
H04M 1/725
H04B 3/46
H04W 24/04
H04W 24/08
H04W 36/30
(11) EP2833592
(21) EP12872436.6
(47) 31.10.2018
(87) JP2012007424
03.10.2013
(22) 20.11.2012
(54) COMMUNICATION SYSTEM, TRANSMISSION DEVICE, CIRCUIT CONTROL DEVICE, CIRCUIT CONDITION MONITORING METHOD AND NON-TEMPORARY COMPUTER-READABLE MEDIUM STORING A PROGRAM
(73) NEC Corporation
(72) NAKAGAWA, Koichi
(31) 2012070785
(32) 27.03.2012
(33) Japan

(51) H04L 29/06
(11) EP1886421
(21) EP06732908.6
(47) 31.10.2018
(87) KR2006001719
16.11.2006
(22) 08.05.2006
(54) METHOD AND APPARATUS FOR NOTIFYING CHANGED SERVICE INFORMATION ACCORDING TO TERMINAL STATE IN A WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) LIM, Han-Na
CHOI, Sung-Ho
SONG, O-Sok
KIM, Jae-Jin
BAE, Eun-Hui
(31) 20050038179
20050076298
(32) 06.05.2005
19.08.2005
(33) Korea (Republic)
Korea (Republic)

(51) H04L 29/06
(11) EP1730651
(21) EP05705710.1
(47) 31.10.2018
(87) US2005001235
04.08.2005
(22) 13.01.2005
(54) ESTABLISHING A VIRTUAL PRIVATE NETWORK FOR A ROAD WARRIOR
(73) Cisco Technology, Inc.
(72) MOON, Bruce
ENRIGHT, Mark
(31) 758757
(32) 15.01.2004
(33) United States of America

(51) H04L 29/06
(11) EP1281285
(21) EP02713111.9
(47) 31.10.2018
(87) IB2002000909
10.10.2002
(22) 25.03.2002
(54) APPARATUS AND METHOD FOR ASSIGNING TEMPORARY IDENTIFIERS

TO A MOBILE NODE DURING HANDOVER
(73) Nokia Solutions and Networks Oy
(72) SAIFULLAH, Yousuf
PATIL, Basavaraj
KULARATNA, Shavantha
PURNADI, Rene
FACCIN, Stefano
(31) 822987
(32) 30.03.2001
(33) United States of America

(51) H04L 29/06
(11) EP2272200
(21) EP09725553.3
(47) 31.10.2018
(87) JP2009001299
01.10.2009
(22) 24.03.2009
(54) INFORMATION PROCESSING APPARATUS, CONTROL METHOD OF THE INFORMATION PROCESSING APPARATUS, STORAGE MEDIUM, AND PROGRAM
(73) Canon Kabushiki Kaisha
(72) INOUE, Go
(31) 2008084102
(32) 27.03.2008
(33) Japan

(51) H04L 29/06
(11) EP2622817
(21) EP11769903.3
(47) 31.10.2018
(87) GB2011001436
05.04.2012
(22) 30.09.2011
(54) CONTENT DELIVERY
(73) British Telecommunications public limited company
(72) APPLEBY, Stephen, Clifford
CRABTREE, Ian, Barry
NILSSON, Michael, Erling
TURNBULL, Rory, Stewart
(31) 10251706
(32) 30.09.2010
(33) European Patent Office (EPO)

(51) H04L 29/06
G06F 9/455
(11) EP3169040
(21) EP16202288.3
(47) 31.10.2018
(22) 25.11.2014
(54) COMMUNICATION SYSTEM ARCHITECHTURE
(73) Microsoft Technology Licensing, LLC
(72) OLIVER, Carl
LAASIK, Marek
ZOLOTARJOV, Sergei
VELENKO, Mihails
JEFREMOV, Andrei
(31) 201320770
(32) 25.11.2013
(33) United Kingdom

(51) H04L 29/06
G06F 21/62
G06F 17/30
H04L 29/08
(11) EP2779016
(21) EP13001325.3
(47) 31.10.2018
(22) 15.03.2013
(54) Automated contact list matching with improved privacy
(73) Qnective AG
(72) SINGLER, Johannes

(51) H04L 29/06
H04L 9/32
H04W 12/04
H04W 4/00
(11) EP3108633
(21) EP14883296.7
(47) 31.10.2018
(87) FI2014050118
27.08.2015
(22) 18.02.2014
(54) KEY MANAGEMENT
(73) Nokia Technologies OY
(72) BLOMQVIST, Kim

(51) H04L 29/06
H04L 12/26
H04L 12/24
H04W 24/00
(11) EP2842269
(21) EP13781187.3
(47) 31.10.2018
(87) US2013037580
31.10.2013
(22) 22.04.2013
(54) QoE-AWARE RADIO ACCESS NETWORK ARCHITECTURE FOR HTTP-BASED VIDEO STREAMING
(73) Intel Corporation
(72) OYMAN, Ozgur
CHATTERJEE, Debdeep
PAPATHANASSIOU, Apostolos, Tolis
(31) 201261639795 P
201213688423
(32) 27.04.2012
29.11.2012
(33) United States of America
United States of America

(51) H04L 29/06
H04L 12/741
H04L 12/935
(11) EP2109979
(21) EP07871958.0
(47) 31.10.2018
(87) FR2007052544
10.07.2008
(22) 18.12.2007
(54) METHOD AND DEVICE FOR CONNECTION MANAGEMENT IN A TELECOMMUNICATION NETWORK
(73) Orange
(72) BROWN, Patrick
(31) 0656041
(32) 29.12.2006
(33) France

(51) H04L 29/06
H04L 29/08
(11) EP1415235
(21) EP02752332.3
(47) 31.10.2018
(87) US2002022366
30.01.2003
(22) 15.07.2002
(54) DATA REPLICATION SYSTEM AND METHOD
(73) Oracle International Corporation
(72) JACOBS, Dean, Bernard
KRAMER, Reto
SRINIVASAN, Ananthan, Bala
(31) 305986 P
305978 P
975590
975587
(32) 16.07.2001
16.07.2001
11.10.2001
11.10.2001
(33) United States of America
United States of America
United States of America
United States of America

(51) H04L 29/06
H04L 29/08
(11) EP2418823
(21) EP11187567.0
(47) 31.10.2018
(22) 13.05.2008
(54) Method and apparatus for establishing a streamed media session
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) Brodin, Per-Erik
Sun, Jiong
(31) 20489 P
(32) 11.01.2008
(33) United States of America

(51) H04L 29/06
H04L 29/08
(11) EP2833595
(21) EP13306103.6
(47) 31.10.2018
(22) 31.07.2013
(54) MULTIMEDIA STREAMS IN WEB APPLICATIONS
(73) Alcatel Lucent
(72) Verdot, Vincent
Bouché, Nicolas

(51) H04L 29/06
H04L 29/08
G05B 19/02
(11) EP3002921
(21) EP14186960.2
(47) 31.10.2018
(22) 30.09.2014
(54) APPLIANCE DEVICE FOR AN AUTOMATION SYSTEM
(73) Siemens Aktiengesellschaft
(72) Deiretsbacher, Karl-Heinz
Erlmann, Markus
Kerschbaum, Sven
Volkmann, Frank

(51) H04L 29/06
H04L 29/08
H04L 12/58
H04M 7/00
(11) EP2036310
(21) EP07789737.9
(47) 31.10.2018
(87) IB2007052360
10.01.2008
(22) 20.06.2007

(54) IMPROVED SYSTEMS FOR PROVIDING PEER-TO-PEER COMMUNICATIONS
(73) Nokia Technologies Oy
(72) VARMA, Manish
MAKELAINEN, Sami
AARNI, Ville
LINDGREN, Tommy
HARJU, Teemu
VESTERINEN, Matti
LAFUENTE, Javier
TEINILA, Jaakko
HAKULINEN, Harri
KOKKINEN, Heikki
(31) 479211
(32) 30.06.2006
(33) United States of America

(51) H04L 29/06
H04L 29/12
H04L 12/70
(11) EP3131269
(21) EP14888800.1
(47) 31.10.2018
(87) CN2014082879
15.10.2015
(22) 24.07.2014
(54) METHOD AND DEVICE FOR CONDUCTING AH AUTHENTICATION ON IPSEC PACKET WHICH HAS GONE THROUGH NAT TRAVERSAL
(73) ZTE Corporation
(72) GAO, Jian
(31) 201410143380
(32) 10.04.2014
(33) China

(51) H04L 29/06
H04M 3/38
(11) EP2602982
(21) EP12195697.3
(47) 31.10.2018
(22) 05.12.2012
(54) Authentication of participants in a telephony service
(73) AUTHADA GmbH
(72) Wiens, Torsten
Plies, Andreas
Massoth, Michael, Prof. Dr.
(31) 102011056038
(32) 05.12.2011
(33) Germany

(51) H04L 29/06
H04N 21/262
(11) EP2939389
(21) EP13818102.9
(47) 31.10.2018
(87) US2013075425
03.07.2014
(22) 16.12.2013
(54) DEVICE TIMING ADJUSTMENTS AND METHODS FOR SUPPORTING DASH OVER BROADCAST
(73) Qualcomm Incorporated
(72) GHOLMIEH, Ralph A.
NAIK, Nagaraju
BASSIOUNY, Nermeen A.
NAGARAJ, Thadi M.
(31) 201261747188 P
201313802709
(32) 28.12.2012
14.03.2013
(33) United States of America
United States of America

(51) H04L 29/06
H04W 4/06
(11) EP2798815
(21) EP12814111.6
(47) 31.10.2018
(87) US2012071997
04.07.2013
(22) 28.12.2012
(54) SELECTIVELY MULTIPLEXING COMMUNICATION STREAMS
(73) Qualcomm Incorporated
(72) ANCHAN, Kiran
MAGGENTI, Mark
LIN, Yih-Hao
SANTHANAM, Arvind
(31) 201161581581 P
201213726604
(32) 29.12.2011
25.12.2012
(33) United States of America
United States of America

(51) H04L 29/06
H04W 12/04
H04W 12/08
H04W 84/18
(11) EP2027680
(21) EP07725892.9
(47) 31.10.2018
(87) EP2007005046
21.12.2007
(22) 06.06.2007
(54) METHOD FOR OPERATING A WIRELESS SENSOR NETWORK
(73) NEC Corporation
(72) GIRAO, Joao
MARTIN LOPEZ, Miguel
(31) 102006027462
(32) 12.06.2006
(33) Germany

(51) H04L 29/06
H04W 12/06
G06F 21/43
H04L 9/32
(11) EP3110099
(21) EP15173623.8
(47) 31.10.2018
(22) 24.06.2015
(54) DEVICE AUTHENTICATION
(73) Accenture Global Services Limited
(72) BLASI, Luca
ORSANO, Alessandro
TREVISI, Emanuele

(51) H04L 29/06
H04W 12/08
G06F 21/10
H04L 29/08
G06F 17/30
G06F 21/62
(11) EP2797284
(21) EP14165237.0
(47) 31.10.2018
(22) 17.04.2014
(54) Methods and systems for controlled access to data stored in a network
(73) Orange
(72) Guignon, Richard
Guegan, Delphine
Cutullic, Christophe
(31) 1353704
(32) 23.04.2013
(33) France

(51) H04L 29/08
(11) EP2181542
(21) EP08806963.8
(47) 31.10.2018
(87) IB2008002264
05.03.2009
(22) 27.08.2008
(54) DISCOVERING PEER-TO-PEER CONTENT USING METADATA STREAMS
(73) Provenance Asset Group LLC
(72) NURMINEN, Jukka, Kalevi
KARONEN, Olli Johannes
KOKKINENH, Heikki Juiiani
(31) 897679
(32) 31.08.2007
(33) United States of America

(51) H04L 29/08
(11) EP2843902
(21) EP14181452.5
(47) 31.10.2018
(22) 15.07.2004
(54) Peer-to-peer relay network
(73) Sony Computer Entertainment America LLC
(72) Van Datta, Glen
MAI, Anthony
(31) 513098 P
700798
(32) 20.10.2003
03.11.2003
(33) United States of America
United States of America

(51) H04L 29/08
G06F 9/445
(11) EP3151512
(21) EP14893300.5
(47) 31.10.2018
(87) CN2014086666
03.12.2015
(22) 16.09.2014
(54) SERVICE AUTHENTICATION PROCESSING METHOD AND APPARATUS
(73) ZTE Corporation
(72) TANG, Chen
(31) 201410231208
(32) 28.05.2014
(33) China

(51) H04L 29/08
H04L 29/06
(11) EP2562992
(21) EP12174514.5
(47) 31.10.2018
(22) 04.04.2008
(54) Peer-to-peer-based next generation network for providing services
(73) ZTE Corporation
ZTE (USA) Inc.
(72) Mo, Li
Lee, Weijun
Ma, Larry Shaoyan
Chen, Xing

(31) 910101 P
62404
(32) 04.04.2007
03.04.2008
(33) United States of America
United States of America
(51) H04L 29/08
H04L 29/12
G06F 17/30
(11) EP2552082
(21) EP11175995.7
(47) 31.10.2018
(22) 29.07.2011
(54) Favourite web site acceleration method and system
(73) Deutsche Telekom AG
(72) Offermann, Philipp
(51) H04L 29/08
H04W 4/02
H04W 4/029
H04W 60/00
(11) EP3148162
(21) EP16198882.9
(47) 31.10.2018
(22) 17.06.2010
(54) PUSH-BASED LOCATION UPDATE
(73) Apple Inc.
(72) WILLIAMSON, Richard
BLUMENBERG, Chris
PYLAPPAN, Seejo K.
HOWARD, James A.
(31) 486532
(32) 17.06.2009
(33) United States of America
(51) H04L 29/08
H04W 4/18
H04W 52/02
H04W 76/28
(11) EP2918138
(21) EP13853403.7
(47) 31.10.2018
(87) KR2013010131
15.05.2014
(22) 08.11.2013
(54) METHOD AND APPARATUS FOR PROVIDING WEB SERVICE IN WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) LEE, Chul-Ki
MOON, Sang-Jun
PARK, Yong-Seok
(31) 20120126859
(32) 09.11.2012
(33) Korea (Republic)
(51) H04L 29/12
H04L 12/413
H04L 12/46
H04L 12/721
(11) EP2893676
(21) EP13835315.6
(47) 31.10.2018
(87) CN2013082906
13.03.2014
(22) 04.09.2013
(54) PACKET FORWARDING
(73) Hewlett Packard Enterprise Development LP
(72) SONG, Xiaoheng
ZHENG, Guoliang
(31) 201210325271
(32) 05.09.2012
(33) China
(51) H04L 29/12
H04L 29/06
(11) EP2117190
(21) EP08715085.0
(47) 31.10.2018
(87) CN2008070348
04.09.2008
(22) 22.02.2008
(54) METHOD, SYSTEM AND DEVICE FOR REALIZING NETWORK ADDRESS TRANSLATION PASSING
(73) Huawei Technologies Co., Ltd.
(72) ZHU, Ning
(31) 200710005607
(32) 01.03.2007
(33) China
(51) H04L 29/12
H04M 7/12
(11) EP2047648
(21) EP07836168.0
(47) 31.10.2018
(87) US2007016471
24.01.2008
(22) 20.07.2007
(54) METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR SPECIFYING A PARTICULAR ENUM SERVICE TYPE IN A COMMUNICATIONS NETWORK THAT UTILIZES A PLURALITY OF DIFFERENT ENUM SERVICE TYPES
(73) Tekelec, Inc.
(72) HEINZE, Christopher
MARSICO, Peter, J.
WIATROWSKI, Maria, A.
(31) 832215 P
880108
(32) 20.07.2006
19.07.2007
(33) United States of America
United States of America
(51) H04M 1/02
H05K 1/14
H01L 27/32
G02F 1/1345
H04M 1/18
G06F 3/041
(11) EP2547180
(21) EP12161021.6
(47) 31.10.2018
(22) 23.03.2012
(54) Touch screen panel active matrix organic light emitting diode display device having a flexible printed circuit board
(73) Samsung Electronics Co., Ltd.
(72) Eom, Sang Yong
Kim, Dong Sub
(31) 20110069261
(32) 13.07.2011
(33) Korea (Republic)
(51) H04M 1/725
G06F 3/01
G06F 3/16
(11) EP2750363
(21) EP13199762.9
(47) 31.10.2018
(22) 30.12.2013
(54) Mobile terminal
(73) LG ELECTRONICS INC.
(72) Kim, Dongik
Hwang, Jeonghwan
KIM, Namyoung
(31) 20120158139
(32) 31.12.2012
(33) Korea (Republic)
(51) H04M 3/22
H04M 15/00
(11) EP2862341
(21) EP12730186.9
(47) 31.10.2018
(87) EP2012061137
19.12.2013
(22) 13.06.2012
(54) METHODS, COMPUTER PROGRAM PRODUCTS AND APPARATUSES ENABLING TO CONCEAL LAWFUL INTERCEPTION FROM NETWORK OPERATORS
(73) Nokia Solutions and Networks Oy
(72) MESZAROS, Akos
JANKO, Andras
(51) H04M 3/436
G06F 19/00
H04W 88/02
H04M 1/675
H04M 1/725
(11) EP3189453
(21) EP15757293.4
(47) 31.10.2018
(87) EP2015070173
10.03.2016
(22) 03.09.2015
(54) A TELECARE-ENABLED MOBILE TERMINAL, AND A METHOD OF OPERATING A TELECARE-ENABLED MOBILE TERMINAL
(73) Doro AB
(72) CORBIN, Xavier
NILSSON, Mattias
CULLIN, Peter
PALMQVIST, Fredrik
(31) 14290262
(32) 03.09.2014
(33) European Patent Office (EPO)
(51) H04M 7/00
H04L 12/24
H04W 28/08
H04W 24/04
H04W 88/14
H04W 92/14
(11) EP2415250
(21) EP10759175.2
(47) 31.10.2018
(87) US2010023019
07.10.2010
(22) 03.02.2010
(54) NETWORK BACKHAUL SYSTEMS AND METHODS
(73) Verizon Patent and Licensing Inc.
(72) PARKER, Benjamin, J.
(31) 414307
(32) 30.03.2009
(33) United States of America

(51) H04M 9/08
(11) EP2741481
(21) EP13152594.1
(47) 31.10.2018
(22) 24.01.2013
(54) Subband domain echo masking for improved duplexity of spectral domain echo suppressors
(73) Dialog Semiconductor B.V.
(72) Helsloot, Michiel
Radolan, Gavin
(31) 201213708179
(32) 07.12.2012
(33) United States of America

(51) H04N 1/00
H04N 1/23
H04N 1/32
(11) EP2525558
(21) EP12168499.7
(47) 31.10.2018
(22) 18.05.2012
(54) Image forming apparatus, image forming system, image forming system control method, and program
(73) CANON KABUSHIKI KAISHA
(72) Hiraike, Kou
(31) 2011113828
(32) 20.05.2011
(33) Japan

(51) H04N 1/10
(11) EP2773095
(21) EP14156349.4
(47) 31.10.2018
(22) 24.02.2014
(54) Image reading apparatus with reduced vibration transmission between scanning shaft and scanning carriage, and composite apparatus including said image reading apparatus
(73) Oki Data Corporation
(72) Otomo, Kohei
Ino, Shiro
(31) 2013038427
(32) 28.02.2013
(33) Japan

(51) H04N 1/393
G06T 3/40
H04N 1/40
(11) EP2940982
(21) EP15164876.3
(47) 31.10.2018
(22) 23.04.2015
(54) APPARATUS AND METHOD FOR GENERATING A RESIZED IMAGE SIGNAL
(73) SCREEN Holdings Co., Ltd.
(72) Kamon, Hiroaki
Fukui, Kazuki
Muraji, Kunio
(31) 2014093875
(32) 30.04.2014
(33) Japan

(51) H04N 1/60
H04N 1/64
H04N 19/46
H04N 9/67
(11) EP3182691
(21) EP15307040.4
(47) 31.10.2018
(22) 17.12.2015
(54) METHOD OF ENCODING RAW COLOR COORDINATES PROVIDED BY A CAMERA REPRESENTING COLORS OF A SCENE HAVING TWO DIFFERENT ILLUMINATIONS
(73) Thomson Licensing
(72) STAUDER, Jurgen
REINHARD, Erik
MORVAN, Patrick

(51) H04N 5/217
B62D 15/02
G06K 9/00
G06T 7/00
(11) EP2928178
(21) EP13858517.9
(47) 31.10.2018
(87) JP2013081427
05.06.2014
(22) 21.11.2013
(54) ON-BOARD CONTROL DEVICE
(73) Clarion Co., Ltd.
(72) TAKEMURA, Masayuki
OGATA, Takehito
ITO, Satoshi
(31) 2012259044
(32) 27.11.2012
(33) Japan

(51) H04N 5/225
B60R 1/00
B60R 21/00
G03B 15/00
G06T 1/00
G08G 1/16
H04N 7/18
(11) EP2879369
(21) EP13822857.2
(47) 31.10.2018
(87) JP2013070012
30.01.2014
(22) 24.07.2013
(54) WATER DROPLET DETECTION DEVICE AND THREE-DIMENSIONAL OBJECT DETECTION DEVICE USING WATER DROPLET DETECTION DEVICE
(73) Nissan Motor Co., Ltd
Clarion Co., Ltd.
(72) HAYAKAWA, Yasuhisa
FUKATA, Osamu
TAKEMURA, Masayuki
UTAGAWA, Akira
MURAMATSU, Shoji
IRIE, Kota
(31) 2012166525
2012166526
(32) 27.07.2012
27.07.2012
(33) Japan
Japan

(51) H04N 5/225
G03B 21/14
B60R 11/04
(11) EP3048483
(21) EP14843346.9
(47) 31.10.2018
(87) KR2014008528
19.03.2015
(22) 12.09.2014
(54) CAMERA MODULE
(73) LG Innotek Co., Ltd.
(72) JOO, Young Sang
(31) 20130110497
(32) 13.09.2013
(33) Korea (Republic)

(51) H04N 5/225
G08G 1/16
H04N 5/217
B60S 1/08
B60R 1/00
(11) EP2871831
(21) EP13813697.3
(47) 31.10.2018
(87) JP2013068274
09.01.2014
(22) 03.07.2013
(54) CONTROL UNIT OF A VEHICLE-MOUNTED DEVICE
(73) Nissan Motor Co., Ltd
Clarion Co., Ltd.
(72) KIYOHARA, Masahiro
IRIE, Kota
NAKAMURA, Katsuyuki
MURAMATSU, Shoji
TAKEMURA, Masayuki
FUKATA, Osamu
HAYAKAWA, Yasuhisa
(31) 2012149868
(32) 03.07.2012
(33) Japan

(51) H04N 5/225
H04N 5/232
H04N 1/04
H04N 1/195
H04N 7/18
H04N 101/00
(11) EP2747413
(21) EP13198537.6
(47) 31.10.2018
(22) 19.12.2013
(54) Handheld magnification device with a two-camera module
(73) Essilor International
(72) Hamel, Pierre
Julien, Martin
Boutrouille, François
Sicard, Stéphane
Auclair, Carle
(31) 201213724964
(32) 21.12.2012
(33) United States of America

(51) H04N 5/225
H04N 5/238
H04N 5/33
G03B 11/00
G02B 5/20
G03B 7/00
(11) EP3343894
(21) EP16207126.0
(47) 31.10.2018
(22) 28.12.2016
(54) IR-FILTER ARRANGEMENT
(73) Axis AB
(72) Lundberg, Stefan
Hjelmström, Jonas

(51) H04N 5/232

G02B 26/08
G03B 17/56
H04N 5/225
(11) EP3018890
(21) EP14819639.7
(47) 31.10.2018
(87) JP2014066788
08.01.2015
(22) 25.06.2014
(54) LINE-OF-SIGHT DIRECTION CONTROL DEVICE
(73) The University of Tokyo
(72) OKU, Hiromasa
ISHIKAWA, Masatoshi
KOBAYASHI, Koseki
(31) 2013141940
(32) 05.07.2013
(33) Japan

(51) H04N 5/32
(11) EP2773104
(21) EP14157069.7
(47) 31.10.2018
(22) 27.02.2014
(54) Radiation imaging apparatus and radiation imaging system
(73) CANON KABUSHIKI KAISHA
(72) Sato, Eriko
Kameshima, Toshio
Yagi, Tomoyuki
Takenaka, Katsuro
Okada, Hideyuki
Sato, Sho
Iwashita, Atsushi
Ryu, Takuya
(31) 2013040029
(32) 28.02.2013
(33) Japan

(51) H04N 5/353
H04N 5/235
G03B 9/36
(11) EP2461209
(21) EP11190492.6
(47) 31.10.2018
(22) 24.11.2011
(54) Shutter device
(73) Canon Kabushiki Kaisha
(72) Inukai, Hiroaki
(31) 2010268750
(32) 01.12.2010
(33) Japan

(51) H04N 5/355
H04N 5/374
(11) EP2763398
(21) EP14166529.9
(47) 31.10.2018
(22) 21.12.2007
(54) Use of an image sensor array in laser range gated imaging
(73) Photonis Netherlands B.V.
(72) De Groot, Arjan Willem
Hof, Albert Jan

(51) H04N 5/372
(11) EP2567540
(21) EP11718061.2
(47) 31.10.2018
(87) EP2011057055
10.11.2011
(22) 03.05.2011
(54) SWIPE LINEAR IMAGE SENSOR WITH ANALOG AND DIGITAL SUMMATION AND CORRESPONDING METHOD
(73) Teledyne e2v Semiconductors SAS
(72) MAYER, Frédéric
HIBON, Vincent
BUGNET, Henri
VAILLANT, Joël
(31) 1001912
(32) 04.05.2010
(33) France

(51) H04N 5/372
H04N 5/374
H04N 5/349
(11) EP3225022
(21) EP15778139.4
(47) 31.10.2018
(87) US2015052136
02.06.2016
(22) 25.09.2015
(54) METHOD AND APPARATUS FOR IMPROVING RESOLUTION IN A TDI IMAGE
(73) Raytheon Company
(72) SHAFFER, Stephen, P.
PALIK, Stephen, M.
QUEVEDO, Hector, A.
(31) 201414553038
(32) 25.11.2014
(33) United States of America

(51) H04N 5/655
G03B 21/54
H04N 5/225
(11) EP2550803
(21) EP11760228.4
(47) 31.10.2018
(87) US2011029816
29.09.2011
(22) 24.03.2011
(54) VIDEO SCREEN MOUNTING SYSTEM
(73) Middle Atlantic Products Inc.
(72) SCHLUTER, Robert
(31) 977834
317068 P
(32) 25.01.2011
24.03.2010
(33) United States of America
United States of America

(51) H04N 5/74
G02B 27/01
G06T 5/00
H04N 5/64
(11) EP3024221
(21) EP14827065.5
(47) 31.10.2018
(87) JP2014063034
22.01.2015
(22) 16.05.2014
(54) DISPLAY DEVICE
(73) Sony Corporation
(72) TANAKA Eiichi
TATSUTA Hirokazu
HASEGAWA Shin
HASEGAWA Yuichi
KAWAMOTO Kenta
(31) 2013147750
(32) 16.07.2013
(33) Japan

(51) H04N 7/15
H04N 7/14
H04M 3/56
(11) EP2745510
(21) EP12750997.4
(47) 31.10.2018
(87) EP2012003147
30.01.2014
(22) 25.07.2012
(54) METHOD FOR HANDLING TRANSMISSION ERRORS OF A VIDEO STREAM
(73) Unify GmbH & Co. KG
(72) SCHWARTZE, Jürgen

(51) H04N 7/167
(11) EP1305948
(21) EP01963037.5
(47) 31.10.2018
(87) FR2001002502
14.02.2002
(22) 31.07.2001
(54) METHOD FOR SECURE DISTRIBUTION OF DIGITAL DATA REPRESENTING A MULTIMEDIA CONTENT
(73) Thomson Licensing
(72) DIEHL, Eric
(31) 0010339
(32) 04.08.2000
(33) France

(51) H04N 7/173
H04N 5/445
H04N 5/44
H04N 5/782
H04H 60/72
H04N 21/466
H04N 21/472
H04N 21/482
H04N 21/84
(11) EP1768393
(21) EP05741429.4
(47) 31.10.2018
(87) JP2005009385
08.12.2005
(22) 23.05.2005
(54) BROADCAST SYSTEM, BROADCAST STATION DEVICE, RECEPTION DEVICE, AND BROADCAST METHOD
(73) Panasonic Corporation
(72) KAWAI, Masahiro c/o Matsushita El. Ind. Co., Ltd.
(31) 2004155824
(32) 26.05.2004
(33) Japan

(51) H04N 7/18
(11) EP2681910
(21) EP12781819.3
(47) 31.10.2018
(87) IB2012000588
15.11.2012
(22) 28.02.2012
(54) METHOD AND APPARATUS FOR REAL TIME VIDEO IMAGING OF THE SNOUT INTERIOR ON A HOT DIP COATING LINE
(73) ArcelorMittal
Connors Industrial, Inc
(72) ROTOLE, John
KRCMARIC, Charles

(31) 201161463993 P
(32) 28.02.2011
(33) United States of America

(51) H04N 7/18
G02B 27/00
B60R 1/00
(11) EP3210374
(21) EP15798581.3
(47) 31.10.2018
(87) TR2015050126
28.04.2016
(22) 07.10.2015
(54) A REAR VIEW SYSTEM
(73) Tofas Turk Otomobil Fabrikasi Anonim Sirketi
(72) DUSMEZKALENDER, Yavuz
AYARTURK, Hasan
(31) 201412471
(32) 23.10.2014
(33) Turkey

(51) H04N 9/04
H04N 5/33
H04N 5/247
(11) EP2936798
(21) EP13814499.3
(47) 31.10.2018
(87) EP2013076853
26.06.2014
(22) 17.12.2013
(54) METHOD FOR IMAGING A TARGET IN THE NIGHT SKY
(73) Thales
(72) MIDAVAINE, Thierry
(31) 1203557
(32) 21.12.2012
(33) France

(51) H04N 9/04
H04N 9/07
(11) EP3217660
(21) EP17167696.8
(47) 31.10.2018
(22) 14.05.2008
(54) IMAGE PROCESSING DEVICE
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) KANAMORI, Katsuhiro
SATO, Satoshi
(31) 2007158962
2007317097
(32) 15.06.2007
07.12.2007
(33) Japan
Japan

(51) H04N 9/31
(11) EP2339855
(21) EP10196019.3
(47) 31.10.2018
(22) 20.12.2010
(54) Scanning image displayer, mobile phone, mobile information processor, and mobile imager
(73) Ricoh Company Ltd.
(72) Maeda, Ikuo
(31) 2009297341
2010238200
(32) 28.12.2009
25.10.2010
(33) Japan
Japan

(51) H04N 13/00
(11) EP2332339
(21) EP09752757.6
(47) 31.10.2018
(87) EP2009061553
18.03.2010
(22) 07.09.2009
(54) APPARATUS FOR GENERATING AND TRANSMITTING SYNCHRONIZED VIDEO DATA
(73) University Of Malta
(72) AZZOPARDI, Marc Anthony
(31) P4230
(32) 11.09.2008
(33) Malta

(51) H04N 13/00
(11) EP2908520
(21) EP15154941.7
(47) 31.10.2018
(22) 13.02.2015
(54) Method for displaying a 3D content on a multi-view display device, corresponding multi-view display device and computer program product
(73) Thomson Licensing
(72) Doyen, Didier
Thiebaud, Sylvain
(31) 14305191
(32) 14.02.2014
(33) European Patent Office (EPO)

(51) H04N 13/315
G06F 3/041
(11) EP2533136
(21) EP11765275.0
(47) 31.10.2018
(87) JP2011053213
13.10.2011
(22) 16.02.2011
(54) DISPLAY DEVICE
(73) Sharp Kabushiki Kaisha
(72) HAMADA Hiroshi
IMAI, Akira
TAKATANI, Tomoo
(31) 2010085530
(32) 01.04.2010
(33) Japan

(51) H04N 19/105
H04N 19/51
H04N 19/513
H04N 19/196
H04N 19/597
(11) EP2923491
(21) EP14782491.6
(47) 31.10.2018
(87) CN2014074785
16.10.2014
(22) 04.04.2014
(54) METHOD AND APPARATUS FOR BI-PREDICTION OF ILLUMINATION COMPENSATION
(73) HFI Innovation Inc.
(72) CHEN, Yi-Wen
CHUANG, Tzu-Der
LIN, Jian-Liang
(31) 201361810385 P
(32) 10.04.2013
(33) United States of America

(51) H04N 19/119
H04N 19/142
H04N 19/176
H04N 19/192
H04N 19/463
H04N 19/597
(11) EP2868088
(21) EP13744619.1
(47) 31.10.2018
(87) FR2013051474
03.01.2014
(22) 25.06.2013
(54) METHOD FOR ENCODING A CURRENT BLOCK OF A FIRST IMAGE COMPONENT RELATIVE TO A REFERENCE BLOCK OF AT LEAST ONE SECOND IMAGE COMPONENT, ENCODING DEVICE AND CORRESPONDING COMPUTER PROGRAM
(73) Orange
(72) JUNG, Joël
VISWANATHAN, Kartik
(31) 1256129
(32) 27.06.2012
(33) France

(51) H04N 19/56
H04N 19/567
H04N 19/583
H04N 19/105
H04N 19/107
H04N 19/137
H04N 19/172
H04N 19/176
H04N 19/61
H04N 19/577
H04N 19/46
H04N 19/52
H04N 19/139
H04N 19/124
H04N 19/573
H04N 19/58
(11) EP3200463
(21) EP17157139.1
(47) 31.10.2018
(22) 27.12.2011
(54) MOTION VECTOR PREDICTION FOR VIDEO CODING
(73) Sun Patent Trust
(72) SUGIO, Toshiyasu
NISHI, Takahiro
SHIBAHARA, Youji
SASAI, Hisao
(31) 201061427587 P
(32) 28.12.2010
(33) United States of America

(51) H04N 19/70
H04N 19/13
H04N 19/91
(11) EP2721822
(21) EP12734832.4
(47) 31.10.2018
(87) EP2012061613
20.12.2012
(22) 18.06.2012
(54) ENTROPY CODING OF MOTION VECTOR DIFFERENCES

(73) GE Video Compression, LLC
(72) GEORGE, Valeri
BROSS, Benjamin
KIRCHHOFFER, Heiner
MARPE, Detlev
NGUYEN, Tung
PREISS, Matthias
SIEKMANN, Mischa
STEGEMANN, Jan
WIEGAND, Thomas
(31) 201161497794 P
201161508506 P
(32) 16.06.2011
15.07.2011
(33) United States of America
United States of America

(51) H04N 19/70
H04N 19/30
H04N 19/187
H04N 19/423
H04N 21/2343
H04N 21/44
H04N 21/845
(11) EP2984847
(21) EP14782853.7
(47) 31.10.2018
(87) JP2014001967
16.10.2014
(22) 04.04.2014
(54) SIGNALING CHANGE IN OUTPUT LAYER SETS
(73) Dolby International AB
(72) DESHPANDE, Sachin G.
(31) 201313858076
201361844272 P
201361845309 P
201361856575 P
(32) 07.04.2013
09.07.2013
11.07.2013
19.07.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) H04N 21/266
H04N 21/2347
H04N 21/254
H04N 21/4405
H04N 21/4627
H04N 21/647
H04N 21/8355
(11) EP2832102
(21) EP12872435.8
(47) 31.10.2018
(87) US2012031753
03.10.2013
(22) 31.03.2012
(54) METHODS AND SYSTEMS FOR CRYPTOGRAPHIC ACCESS CONTROL OF VIDEO
(73) Intel Corporation
(72) GREWAL, Karanvir S.
DURHAM, David M.
DEWAN, Prashant
KANG, Xiaozhu
LONG, Men

(51) H04N 21/41
H04N 21/436
H04N 21/458
H04N 21/81
(11) EP3039876
(21) EP14742347.9
(47) 31.10.2018
(87) GB2014052234
09.04.2015
(22) 22.07.2014
(54) METHOD AND SYSTEM FOR PROVIDING CICAM APPLICATIONS USING CI+ PROTOCOL
(73) Sony Corporation
Sony Europe Limited
(72) HILL-JOWETT, David
(31) 201317377
(32) 01.10.2013
(33) United Kingdom

(51) H04N 21/43
H04N 21/431
H04N 21/47
(11) EP3002952
(21) EP15179346.0
(47) 31.10.2018
(22) 31.07.2015
(54) VIDEO PLAYING DEVICE AND METHOD OF CONTROLLING A VIDEO PLAYING DEVICE
(73) Samsung Electronics Co., Ltd.
(72) CHOE, Yong Jun
(31) 20140133413
(32) 02.10.2014
(33) Korea (Republic)

(51) H04N 21/43
H04N 21/4722
H04N 21/2187
H04L 29/06
(11) EP3039878
(21) EP14848917.2
(47) 31.10.2018
(87) KR2014008822
02.04.2015
(22) 23.09.2014
(54) IMAGE DISPLAY APPARATUS, SERVER, METHOD FOR OPERATING THE IMAGE DISPLAY APPARATUS, AND METHOD FOR OPERATING THE SERVER
(73) Samsung Electronics Co., Ltd.
(72) CHOI, Hyung-tak
EOM, Myung-jin
KWON, O-hoon
DONG, Jong-sung
(31) 20130113478
(32) 24.09.2013
(33) Korea (Republic)

(51) H04N 21/433
H04L 29/06
G06Q 30/02
H04N 21/442
H04N 21/81
(11) EP3152911
(21) EP15730921.2
(47) 31.10.2018
(87) US2015034479
10.12.2015
(22) 05.06.2015
(54) SYSTEMS AND METHODS FOR PREFETCHING ONLINE CONTENT ITEMS FOR LOW LATENCY DISPLAY TO A USER
(73) Google LLC
(72) WEN, Kai
LANDRY, Lawrence Brian
YANG, Jianfeng
SARUKKAI, Ramesh
(31) 201414298169
(32) 06.06.2014
(33) United States of America

(51) H04N 21/44
H04N 21/472
H04N 21/4722
H04N 21/4725
H04N 21/84
G06F 3/00
G06F 17/30
(11) EP2891032
(21) EP13832505.5
(47) 31.10.2018
(87) US2013057543
06.03.2014
(22) 30.08.2013
(54) ENHANCING VIDEO CONTENT WITH EXTRINSIC DATA
(73) Amazon Technologies, Inc.
IMDb.com, Inc.
(72) TIMMERMAN, Jordan, M.
ALIVERTI, Brent, D.
BRAHMBHATT, Kintan, D.
CARLSON, Adam
DANTZLER, Jim, L.
TREDER, Douglas, M.
WILSON, Brian, M.
YOUNG, Kelvin, C.
WYMAN, Michael, John
(31) 201213601267
(32) 31.08.2012
(33) United States of America

(51) H04N 21/63
H04N 21/43
H04N 13/00
(11) EP2887688
(21) EP14197943.5
(47) 31.10.2018
(22) 15.12.2014
(54) Distribution of audiovisual content for display devices
(73) Thomson Licensing
(72) Thiebaud, Sylvain
Laurent, Anthony
Thebault, Cédric
(31) 13306852
(32) 23.12.2013
(33) European Patent Office (EPO)

(51) H04R 1/02
A44C 5/00
A44C 5/02
G04B 37/22
H04R 1/10
H04R 25/00
H04R 25/02
C04B 35/486
(11) EP2675183
(21) EP12744634.2
(47) 31.10.2018
(87) JP2012052754
16.08.2012

(22) 07.02.2012
(54) ACCESSORY MEMBER AND ACCESSORY COMPRISING SAME
(73) Kyocera Corporation
(72) MIWA, Ippei
KOGA, Muneki
(31) 2011024072
(32) 07.02.2011
(33) Japan

(51) H04R 1/02
C08K 3/00
C08L 67/04
C08L 101/16
H04R 1/28
G10K 11/165
C08K 13/02
C08K 13/04
C08K 5/20
C08K 5/521
C08K 5/00
C08K 5/10
C08K 5/098
C08K 5/5317
C08K 3/013
(11) EP3089472
(21) EP14874500.3
(47) 31.10.2018
(87) JP2014083261
02.07.2015
(22) 16.12.2014
(54) VIBRATION DAMPING MATERIAL
(73) Panasonic Corporation
Kao Corporation
(72) TAKENAKA, Akira
TSUBOI, Tomoya
MORI, Masahiro
ODA, Yoshiro
NAGASHIMA, Takashi
NAKAO, Suguru
(31) 2013270212
2014177426
(32) 26.12.2013
01.09.2014
(33) Japan
Japan

(51) H04R 1/02
H04M 1/02
H04M 1/19
H04M 1/20
H04M 1/03
(11) EP3113504
(21) EP15751749.1
(47) 31.10.2018
(87) JP2015054670
27.08.2015
(22) 19.02.2015
(54) MICROPHONE HOLDING STRUCTURE AND ELECTRONIC DEVICE
(73) Ricoh Company, Ltd.
(72) HIRAMATSU, Takahiro
OSAWA, Tsutomu
(31) 2014033288
2014104108
(32) 24.02.2014
20.05.2014
(33) Japan
Japan

(51) H04R 1/02
H04M 1/03
H04R 1/28
H04R 1/00
H04R 1/08
H04R 1/34
(11) EP2945397
(21) EP15174495.0
(47) 31.10.2018
(22) 25.02.2013
(54) SPEAKER MODULE FOR MOBILE DEVICE AND MOBILE DEVICE HAVING DUCT RADIATION STRUCTURE
(73) Samsung Electronics Co., Ltd
(72) LEE, Byounghee
KIM, Kiwon
(31) 20120019346
(32) 24.02.2012
(33) Korea (Republic)

(51) H04R 1/08
H04R 19/04
H04R 19/00
(11) EP2566183
(21) EP12178158.7
(47) 31.10.2018
(22) 27.07.2012
(54) MEMS microphone with a built-in textile material protecting screen
(73) Saati S.p.A.
(72) Mietta, Marco
Canonico, Paolo
(31) MI20111579
(32) 02.09.2011
(33) Italy

(51) H04R 1/10
H04R 1/28
(11) EP3140997
(21) EP15718953.1
(47) 31.10.2018
(87) EP2015059639
12.11.2015
(22) 04.05.2015
(54) DEVICE FOR TRANSMITTING SOUNDS FOR INTRA-AURICULAR EARPIECE AND INTRA-AURICULAR EARPIECE
(73) Chêne, Richard
Miklitarian, Alain
Delamour, Dominique
(72) DELAMOUR, Dominique
(31) 1454035
(32) 05.05.2014
(33) France

(51) H04R 1/40
H04R 3/00
(11) EP2884762
(21) EP14196945.1
(47) 31.10.2018
(22) 09.12.2014
(54) Acoustic detector
(73) Thales Holdings UK Plc
(72) Savage, John Charles
Smith, Jonathan Neil
(31) 201321852
(32) 10.12.2013
(33) United Kingdom

(51) H04R 1/40
H04R 3/00
H04R 3/12
(11) EP3183891
(21) EP15753373.8
(47) 31.10.2018
(87) EP2015069291
25.02.2016
(22) 21.08.2015
(54) CALCULATION OF FIR FILTER COEFFICIENTS FOR BEAMFORMER FILTER
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) FRANCK, Andreas
SLADECZEK, Christoph
ZHYKHAR, Albert
(31) 14182043
102015203600
(32) 22.08.2014
27.02.2015
(33) European Patent Office (EPO)
Germany

(51) H04R 1/40
H04R 7/02
H04R 7/10
H04R 7/12
H04R 7/16
H04R 9/04
(11) EP2700247
(21) EP12724668.4
(47) 31.10.2018
(87) FR2012050824
26.10.2012
(22) 13.04.2012
(54) DEVICE FOR EMITTING AN ACOUSTIC WAVE
(73) Nexo
(72) DEFFARGES, François
(31) 1153405
(32) 20.04.2011
(33) France

(51) H04R 3/00
G10L 21/02
(11) EP2858379
(21) EP13863250.0
(47) 31.10.2018
(87) CN2013001557
19.06.2014
(22) 12.12.2013
(54) VOICE REVERBERATION REDUCTION METHOD AND DEVICE BASED ON DUAL MICROPHONES
(73) Goertek Inc.
(72) LOU, Shasha
LI, Bo
HUANG, Qiuchen
(31) 201210536578
(32) 12.12.2012
(33) China

(51) H04R 3/00
H03G 9/02
(11) EP2217004
(21) EP10000816.8
(47) 31.10.2018
(22) 27.01.2010
(54) Method and system for dynamic range control in an audio processing system
(73) Avago Technologies General IP (Singapore) Pte. Ltd.
(72) Zeng, Hanks
Patel, Ronish

Sollenberger, Nelson
Khanduri, Prakash
Kasiske, Ken
(31) 367854
(32) 09.02.2009
(33) United States of America

(51) H04R 3/00
H04R 5/02
H04S 5/02
H04R 3/12
H04S 7/00
(11) EP3242493
(21) EP17000923.7
(47) 31.10.2018
(22) 09.07.2012
(54) SHAPING SOUND RESPONSIVE TO SPEAKER ORIENTATION
(73) Sonos, Inc.
(72) DALY, Seamus
KALLAI, Christopher
ERICSON, Michael Darrell Andrew
LANG, Jonathan P.
WISNESKI, Craig
REILLY, Jonathon
MANSFIELD, Todd
(31) 201113186249
(32) 19.07.2011
(33) United States of America

(51) H04R 5/033
H04R 1/10
(11) EP3238462
(21) EP14827230.5
(47) 31.10.2018
(87) EP2014079291
30.06.2016
(22) 24.12.2014
(54) HEADBAND FOR HEADPHONE
(73) Gibson Brands, Inc.
(72) GARAN, Rojkarnjanarak
HUNG, Liu Wai
CHAN, Chuk Ki

(51) H04R 5/04
H04R 29/00
(11) EP2571288
(21) EP12183787.6
(47) 31.10.2018
(22) 11.09.2012
(54) Mobile device for multi-channel sound collection and output using common connector, and driving method thereof
(73) Samsung Electronics Co., Ltd
(72) Jeong, Sung-Hoon
Chang, Ju-Hee
Jang, Hyo-Sun
(31) 20110092438
(32) 14.09.2011
(33) Korea (Republic)

(51) H04R 25/00
(11) EP2003928
(21) EP07110079.6
(47) 31.10.2018
(22) 12.06.2007
(54) Online anti-feedback system for a hearing aid
(73) OTICON A/S
(72) Boldt, Jesper Bünsow
Elmedyb, Thomas Bo

(51) H04R 25/00
(11) EP3085109
(21) EP13805416.8
(47) 31.10.2018
(87) EP2013076748
25.06.2015
(22) 16.12.2013
(54) METHOD AND APPARATUS FOR FITTING A HEARING DEVICE
(73) Sonova AG
(72) KRUEGER, Harald
RAETHER, Juliane
ALLEGRO-BAUMANN, Silvia
REHMANN, Julia
BOELD, Timo

(51) H04R 25/00
(11) EP3120578
(21) EP15714128.4
(47) 31.10.2018
(87) US2015021461
24.09.2015
(22) 19.03.2015
(54) CROWD SOURCED RECOMMENDATIONS FOR HEARING ASSISTANCE DEVICES
(73) Bose Corporation
(72) SABIN, Andrew
(31) 201461955451 P
(32) 19.03.2014
(33) United States of America

(51) H04R 25/00
(11) EP3267695
(21) EP16177752.9
(47) 31.10.2018
(22) 04.07.2016
(54) AUTOMATED SCANNING FOR HEARING AID PARAMETERS
(73) GN Hearing A/S
(72) De Vries, Aalbert
Kraak, Joris

(51) H04S 7/00
H04R 1/40
G10L 21/0216
(11) EP2795931
(21) EP12859487.6
(47) 31.10.2018
(87) FI2012051237
27.06.2013
(22) 13.12.2012
(54) AN AUDIO LENS
(73) Nokia Technologies Oy
(72) LAAKSONEN, Lasse Juhani
UGUR, Kemal
PATWARDHAN, Pushkar Prasad
VASILACHE, Adriana
HAGQVIST, Jari Mathias
(31) CH44962011
(32) 21.12.2011
(33) India

(51) H04W 4/00
H04L 12/24
(11) EP2874415
(21) EP14184442.3
(47) 31.10.2018
(22) 11.09.2014
(54) Apparatus, method, and system for activating a mobile terminal
(73) Samsung Electronics Co., Ltd
(72) Wu, Qian
Chauhan, Mohamad Ejaz
(31) 201314026370
(32) 13.09.2013
(33) United States of America

(51) H04W 4/00
H04W 88/08
H04L 12/14
H04W 36/02
H04W 92/20
(11) EP2914021
(21) EP15155576.0
(47) 31.10.2018
(22) 21.03.2008
(54) Data volume information transmission between base stations at handover
(73) NEC Corporation
(72) Hayashi, Sadafuku
(31) 2007074554
(32) 22.03.2007
(33) Japan

(51) H04W 4/02
G06F 17/30
(11) EP3113523
(21) EP15174927.2
(47) 31.10.2018
(22) 02.07.2015
(54) A VIDEO REGION INDICATOR THAT INDICATES THAT VIDEO CONTENT IS AVAILABLE
(73) Nokia Technologies Oy
(72) LEHTINIEMI, Arto
LAAKSONEN, Lasse
VILERMO, Miikka
TAMMI, Mikko

(51) H04W 4/02
H04W 4/20
H04L 29/06
H04W 4/21
H04B 5/00
H04L 29/08
(11) EP2760227
(21) EP13160237.7
(47) 31.10.2018
(22) 20.03.2013
(54) Methods and Apparatus to Facilitate Device-to-Device Communication
(73) BlackBerry Limited
(72) Blankenship, Yufei Wu
Furbeck, David Stuart
(31) 201313750777
(32) 25.01.2013
(33) United States of America

(51) H04W 4/02
H04W 52/02
(11) EP3200483
(21) EP17153805.1
(47) 31.10.2018
(22) 30.01.2017
(54) METHOD AND DEVICE FOR ACQUIRING LOCATION INFORMATION
(73) Beijing Xiaomi Mobile Software Co., Ltd.
(72) XIE, Yan
REN, Tian
CHENG, Yue
(31) 201610064139
(32) 29.01.2016
(33) China

(51) H04W 4/021
H04W 4/029
(11) EP3241366
(21) EP14830964.4
(47) 31.10.2018
(87) EP2014079431
07.07.2016
(22) 30.12.2014
(54) METHOD AND SYSTEM FOR ESTIMATING A NUMBER OF PERSONS IN A CROWD
(73) Telecom Italia S.p.A.
(72) COLONNA, Massimo
MAMEI, Marco

(51) H04W 4/021
H04W 4/029
G06F 17/18
G08G 1/01
(11) EP3241367
(21) EP14830965.1
(47) 31.10.2018
(87) EP2014079434
07.07.2016
(22) 30.12.2014
(54) METHOD AND SYSTEM FOR REAL-TIME COMPUTING OF ORIGIN-DESTINATION MATRICES RELATING TO ATTENDEES AT A PUBLIC HAPPENING THROUGH ANALYSIS OF MOBILE COMMUNICATION NETWORK DATA
(73) Telecom Italia S.p.A.
(72) COLONNA, Massimo
MAMEI, Marco

(51) H04W 4/021
H04W 4/029
H04W 84/04
G06Q 30/02
(11) EP3241368
(21) EP14830966.9
(47) 31.10.2018
(87) EP2014079435
07.07.2016
(22) 30.12.2014
(54) METHOD AND SYSTEM FOR A REAL-TIME COUNTING OF A NUMBER OF PARTICIPANTS AT A PUBLIC HAPPENING
(73) Telecom Italia S.p.A.
(72) COLONNA, Massimo
MAMEI, Marco

(51) H04W 4/06
H04W 4/50
H04W 24/10
H04W 72/00
(11) EP2584803
(21) EP10853422.3
(47) 31.10.2018
(87) CN2010074159
29.12.2011
(22) 21.06.2010
(54) METHOD AND DEVICE FOR TRANSMITTING RECEPTION STATUS OF MULTIMEDIA BROADCAST MULTICAST SERVICE
(73) Alcatel Lucent
(72) WANG, He
WORRALL, Chandrika

(51) H04W 4/06
H04W 72/00
(11) EP2807877
(21) EP12701503.0
(47) 31.10.2018
(87) EP2012051110
01.08.2013
(22) 25.01.2012
(54) REPORTING FOR MBMS
(73) Nokia Solutions and Networks Oy
(72) KOSKINEN, Henri Markus
TOSKALA, Antti Anton

(51) H04W 4/12
H04W 8/26
(11) EP2525593
(21) EP11733027.4
(47) 31.10.2018
(87) KR2011000116
21.07.2011
(22) 07.01.2011
(54) METHOD AND SYSTEM FOR TRANSMITTING MESSAGE
(73) Samsung Electronics Co., Ltd.
(72) LIM, Han Na
BAE, Beom Sik
CHO, Song Yean
ZISIMOPOULOS, Haris
LIM, Chae Gwon
(31) 20100013257
20100003722
(32) 12.02.2010
15.01.2010
(33) Korea (Republic)
Korea (Republic)

(51) H04W 4/14
H04W 60/00
H04W 4/60
H04W 88/06
H04L 29/08
(11) EP3219157
(21) EP15804891.8
(47) 31.10.2018
(87) FR2015053046
19.05.2016
(22) 10.11.2015
(54) EUICC CARD STORING SHORT NUMBERS PER SUBSCRIBER PROFILE TO NOTIFY A SUBSCRIPTION MANAGEMENT SERVER
(73) IDEMIA France
(72) LARIGNON, Guillaume
DUMOULIN, Jérôme
(31) 1461031
(32) 14.11.2014
(33) France

(51) H04W 4/16
H04L 29/08
H04M 3/48
H04W 76/10
H04M 3/428
H04W 68/00
H04L 29/06
H04M 7/12
H04M 3/42
(11) EP2289253
(21) EP08779439.2
(47) 31.10.2018
(87) SE2008050862
17.12.2009
(22) 10.07.2008
(54) METHOD FOR ACHIEVING A CALL -WAITING FUNCTIONALITY IN A COMMUNICATION NETWORK.
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ANULF, Andreas
AXELL, Jörgen
FORSBERG, Mikael
OLSSON, John
(31) 0801370
(32) 12.06.2008
(33) Sweden

(51) H04W 4/24
H04M 15/00
H04L 12/14
H04L 29/08
H04W 76/10
H04L 29/06
H04L 12/26
(11) EP2875659
(21) EP12737289.4
(47) 31.10.2018
(87) EP2012064218
23.01.2014
(22) 19.07.2012
(54) METHODS AND APPARATUS FOR IMPLEMENTING POLICY AND CHARGING CONTROL
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) CASTRO CASTRO, Fabian
FERNANDEZ ALONSO, Susana

(51) H04W 4/24
H04W 12/12
H04L 29/08
H04L 12/14
H04M 15/00
H04L 12/24
H04W 12/08
(11) EP2596653
(21) EP10735214.8
(47) 31.10.2018
(87) EP2010004475
26.01.2012
(22) 21.07.2010
(54) TECHNIQUE FOR PACKET FLOW ANALYSIS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) RUBIO VIDALES, Jose
PEREZ MARTINEZ, Alfonso de Jesus
CAMPO GIRALTE, Luis
ALVAREZ DOMINGUEZ, Rodrigo

(51) H04W 4/60
H04W 4/50
H04W 4/80
H04W 12/04
H04W 8/00
H04L 29/08
H04W 84/04
(11) EP2989848
(21) EP14788773.1
(47) 31.10.2018
(87) KR2014003388
30.10.2014
(22) 18.04.2014
(54) ELECTRONIC DEVICE AND METHOD OF REGISTERING PERSONAL CLOUD

APPARATUS IN USER PORTAL SERVER THEREOF
(73) Samsung Electronics Co., Ltd.
(72) KOO, Bon-hyun
NOH, Kyoung-lae
OH, Su-byeong
(31) 20130045077
(32) 23.04.2013
(33) Korea (Republic)

(51) H04W 4/60
H04W 24/06
(11) EP2958358
(21) EP14172776.8
(47) 31.10.2018
(22) 17.06.2014
(54) System for base-station testing
(73) Sarokal Test Systems Oy
(72) Valasma, Harri
Vierimaa, Kari

(51) H04W 4/70
H04L 29/08
H04L 29/12
(11) EP3005742
(21) EP14741374.4
(47) 31.10.2018
(87) IB2014061994
11.12.2014
(22) 05.06.2014
(54) OPTIMIZATION OF RESOURCE URLS IN MACHINE-TO-MACHINE NETWORKS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) FOTI, George
(31) 201361832615 P
201361832596 P
(32) 07.06.2013
07.06.2013
(33) United States of America
United States of America

(51) H04W 4/90
H04W 76/50
H04W 8/04
H04W 60/04
H04W 12/02
H04W 88/08
(11) EP3185638
(21) EP16188679.1
(47) 31.10.2018
(22) 14.09.2016
(54) APPARATUSES AND METHODS FOR PROVIDING ASSISTANCE INFORMATION FOR CALLS UNDER ISOLATED E-UTRAN OPERATION FOR PUBLIC SAFETY (IOPS)
(73) Acer Incorporated
(72) TSAI, Wei-Chieh
(31) 201562387240 P
105115681
(32) 23.12.2015
20.05.2016
(33) United States of America
Taiwan, Province of China

(51) H04W 8/00
(11) EP2827646
(21) EP13775469.3
(47) 31.10.2018
(87) CN2013074213
17.10.2013
(22) 15.04.2013
(54) DISCOVERING DEVICES
(73) Huawei Technologies Co., Ltd.
(72) ZHOU, Weihua
GUO, Yali
ZHANG, Wanqiang
WU, Xiaobo
(31) 201210108880
(32) 13.04.2012
(33) China

(51) H04W 8/00
H04L 29/08
H04W 4/18
H04W 84/12
(11) EP2632193
(21) EP13155959.3
(47) 31.10.2018
(22) 20.02.2013
(54) METHOD AND APPARATUS FOR DISCOVERING A DEVICE IN A WIRELESS COMMUNICATION NETWORK
(73) Samsung Electronics Co., Ltd
(72) Kim, Changsoon
Seo, Byunghoon
Choi, Jongmu
Kim, Hakkwan
Cho, Namju
Cho, Chanki
(31) 20120018952
(32) 24.02.2012
(33) Korea (Republic)

(51) H04W 8/00
H04L 29/08
H04W 84/18
H04W 76/14
(11) EP2559271
(21) EP11717845.9
(47) 31.10.2018
(87) US2011032676
20.10.2011
(22) 15.04.2011
(54) NETWORK-ASSISTED PEER DISCOVERY
(73) Qualcomm Incorporated
(72) MALLIK, Siddhartha
WANG, Renqiu
PALANKI, Ravi
BHUSHAN, Naga
(31) 201113085306
360705 P
324606 P
(32) 12.04.2011
01.07.2010
15.04.2010
(33) United States of America
United States of America
United States of America

(51) H04W 8/00
H04W 76/14
H04W 4/80
H04W 84/18
(11) EP2953387
(21) EP15164103.2
(47) 31.10.2018
(22) 17.04.2015
(54) METHOD AND SYSTEM FOR BIDIRECTIONAL COMMUNICATIONS VIA A BLUETOOTH LOW ENERGY ADVERTISE LINK
(73) EM Microelectronic-Marin SA
(72) Jakusovszky, Mark
Lojewski, Evan
(31) 201414298453
(32) 06.06.2014
(33) United States of America

(51) H04W 8/08
H04L 12/717
H04W 40/20
H04L 12/46
(11) EP2954713
(21) EP14711302.1
(47) 31.10.2018
(87) IB2014058645
14.08.2014
(22) 29.01.2014
(54) METHOD AND APPARATUS FOR RECONFIGURING A VIRTUAL HOME GATEWAY
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) HADDAD, Wassim
HALPERN, Joel
(31) 201361763120 P
201313866320
(32) 11.02.2013
19.04.2013
(33) United States of America
United States of America

(51) H04W 8/08
H04W 80/04
H04W 88/18
H04L 29/12
H04W 40/24
(11) EP3082363
(21) EP14876201.6
(47) 31.10.2018
(87) CN2014070165
09.07.2015
(22) 06.01.2014
(54) ROUTING METHOD AND ROUTING APPARATUS
(73) Huawei Technologies Co., Ltd.
(72) HE, Ning
XIONG, Chunshan
LIU, Jianning

(51) H04W 8/18
(11) EP2904827
(21) EP12816021.5
(47) 31.10.2018
(87) EP2012074954
10.04.2014
(22) 10.12.2012
(54) METHOD AND APPARATUSES FOR POLICY AND CHARGING CONTROL OF MACHINE-TO-MACHINE TYPE COMMUNICATIONS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) RIVAS MOLINA, Ignacio
LÖVSEN, Lars
PANCORBO MARCOS, Maria Belen
SEGURA, Louis
(31) 201261708678 P
201261708759 P
(32) 02.10.2012
26.10.2012
(33) United States of America

United States of America

(51) H04W 8/18
H04W 28/10
H04W 4/50
(11) EP2879417
(21) EP13397542.5
(47) 31.10.2018
(22) 29.11.2013
(54) Service provisioning and activation in telecommunications network
(73) Comptel Corporation
(72) Dence, Martin

(51) H04W 8/22
(11) EP3151594
(21) EP14893479.7
(47) 31.10.2018
(87) CN2014082090
03.12.2015
(22) 11.07.2014
(54) METHOD, DEVICE, AND SYSTEM FOR DYNAMIC MACHINE-CARD BINDING
(73) ZTE Corporation
(72) WU, Chuanxi
(31) 201410228118
(32) 27.05.2014
(33) China

(51) H04W 8/26
(11) EP2445239
(21) EP11165744.1
(47) 31.10.2018
(22) 11.05.2011
(54) Method and system for identifying an entity in a mobile telecommunications system
(73) BlackBerry Limited
(72) Slavitch, Michael Nickola
Chin, Eugene
Rai, Gurdev S.
Preiss, Bruno R.
Schneider, Kenneth Cyril
(31) 405795 P
(32) 22.10.2010
(33) United States of America

(51) H04W 8/26
H04W 76/27
(11) EP3155861
(21) EP14744021.8
(47) 31.10.2018
(87) EP2014065490
21.01.2016
(22) 18.07.2014
(54) ASSIGNING MULTIPLE RADIO NETWORK TEMPORARY IDENTIFIERS TO A USER DEVICE
(73) Huawei Technologies Co. Ltd.
(72) KELA, Petteri
LUNDQVIST, Henrik
OLOFSSON, Henrik

(51) H04W 12/04
H04W 28/08
(11) EP3206421
(21) EP17161581.8
(47) 31.10.2018
(22) 31.10.2014
(54) METHOD AND APPARATUS TO ENABLE MULTIPLE WIRELESS CONNECTIONS
(73) BlackBerry Limited
(72) BLANKENSHIP, Yufei Wu
GAO, Shiwei
(31) 201314069532
(32) 01.11.2013
(33) United States of America

(51) H04W 12/06
(11) EP2039199
(21) EP07734965.2
(47) 31.10.2018
(87) IB2007001904
10.01.2008
(22) 25.06.2007
(54) USER EQUIPMENT CREDENTIAL SYSTEM
(73) Nokia Technologies Oy
(72) HOLTMANNS, Silke
LAITINEN, Pekka
(31) 818517 P
(32) 06.07.2006
(33) United States of America

(51) H04W 12/06
G06F 21/32
G06F 21/34
G06F 21/42
H04L 29/06
H04W 12/02
H04W 12/04
(11) EP2102778
(21) EP06841013.3
(47) 31.10.2018
(87) EP2006012204
26.06.2008
(22) 19.12.2006
(54) METHOD AND ARRANGEMENT FOR SECURE USER AUTHENTICATION BASED ON A BIOMETRIC DATA DETECTION DEVICE
(73) Telecom Italia S.p.A.
(72) ETTORRE, Donato
TUROLLA, Maura
LICCIARDI, Luigi
VARRIALE, Antonio
RABBINI, Alessandro

(51) H04W 12/06
H04L 9/32
H04L 29/06
H04W 4/20
H04W 8/18
H04W 12/04
H04W 84/04
H04L 29/08
(11) EP3180934
(21) EP14899861.0
(47) 31.10.2018
(87) SE2014050939
18.02.2016
(22) 15.08.2014
(54) METHODS AND NODES FOR MAPPING SUBSCRIPTION TO SERVICE USER IDENTITY
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SALMELA, Patrik
LEHTOVIRTA, Vesa
SETHI, Mohit

(51) H04W 12/06
H04L 12/22
H04W 12/02
H04W 4/00
H04W 4/06
H04W 52/02
H04W 84/10
H04W 84/18
H04W 4/80
(11) EP3135053
(21) EP15783786.5
(47) 31.10.2018
(87) US2015026924
29.10.2015
(22) 21.04.2015
(54) DATA TRANSMISSION
(73) Alibaba Group Holding Limited
(72) PANG, Lei
(31) 201410171551
(32) 25.04.2014
(33) China

(51) H04W 12/06
H04L 29/06
(11) EP2854433
(21) EP13793480.8
(47) 31.10.2018
(87) CN2013074373
28.11.2013
(22) 18.04.2013
(54) METHOD, SYSTEM AND RELATED DEVICE FOR REALIZING VIRTUAL SIM CARD
(73) ZTE Corporation
(72) AN, Lu
XU, Minyao
LAI, Min
(31) 201210159453
(32) 22.05.2012
(33) China

(51) H04W 12/08
H04W 4/80
H04L 29/08
G06K 7/00
H04M 1/725
H04W 24/00
H04W 74/00
H04W 84/10
(11) EP2641411
(21) EP10777029.9
(47) 31.10.2018
(87) EP2010067708
24.05.2012
(22) 17.11.2010
(54) APPLICATION ROUTING CONFIGURATION FOR NFC CONTROLLER SUPPORTING MULTIPLE NFC EXECUTION ENVIRONMENTS NFCEE
(73) BlackBerry Limited
(72) NGUYEN, Duc, Hai, Dong

(51) H04W 16/14
(11) EP3242503
(21) EP16168262.0
(47) 31.10.2018
(22) 04.05.2016
(54) METHOD AND NODE FOR OPERATING TWO COMMUNICATION SYSTEMS
(73) Kapsch CarrierCom AG
(72) JACQUES, Roger
BOTET, Gil
GRUET, Christophe

(51) H04W 16/14

H04W 72/04
H04W 72/08
H04W 72/12
H04W 76/16
(11) EP3198917
(21) EP15763233.2
(47) 31.10.2018
(87) EP2015069742
31.03.2016
(22) 28.08.2015
(54) TELECOMMUNICATIONS APPARATUSES AND METHODS
(73) Sony Corporation
(72) MARTIN, Brian Alexander
(31) 14186237
(32) 24.09.2014
(33) European Patent Office (EPO)

(51) H04W 16/18
H04W 24/02
H04W 28/08
H04W 28/02
(11) EP2888900
(21) EP13756088.4
(47) 31.10.2018
(87) EP2013067636
27.02.2014
(22) 26.08.2013
(54) METHOD FOR JOINT AND COORDINATED LOAD BALANCING AND COVERAGE AND CAPACITY OPTIMIZATION IN CELLULAR COMMUNICATION NETWORKS
(73) Actix GmbH
(72) FEHSKE, Albrecht
ISHEDEN, Christian
KLESSIG, Henrik
VOIGT, Jens
(31) 12181705
(32) 24.08.2012
(33) European Patent Office (EPO)

(51) H04W 24/00
H04M 3/22
H04W 72/04
H04L 29/06
(11) EP2658305
(21) EP13165753.8
(47) 31.10.2018
(22) 29.04.2013
(54) SYSTEM AND METHOD FOR CELLULAR CALL MONITORING USING DOWNLINK CHANNEL CORRELATION
(73) Verint Systems Ltd
(72) Poznanski, Arik
Langer, Itai
(31) 21945912
(32) 29.04.2012
(33) Israel

(51) H04W 24/00
H04W 24/02
H04W 24/08
H04W 84/18
(11) EP2426978
(21) EP09843912.8
(47) 31.10.2018
(87) CN2009075856
04.11.2010
(22) 22.12.2009
(54) METHOD AND SYSTEM FOR OPTIMIZING NETWORK COVERAGE AND CAPACITY
(73) ZTE Corporation
(72) GAO, Yin
(31) 200910135586
(32) 27.04.2009
(33) China

(51) H04W 24/02
H04W 16/32
(11) EP2957121
(21) EP15730681.2
(47) 31.10.2018
(87) KR2015004915
19.11.2015
(22) 15.05.2015
(54) APPARATUS AND METHOD OF TRANSMITTING/RECEIVING SIGNALS IN MOBILE COMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION
(73) Samsung Electronics Co., Ltd.
(72) KIM, Soenghun
KIM, Sangbum
JANG, Jaehyuk
JEONG, Kyeongin
(31) 20140059113
(32) 16.05.2014
(33) Korea (Republic)

(51) H04W 24/06
H04W 88/06
H04W 24/10
H04W 88/10
(11) EP2727397
(21) EP11868615.3
(47) 31.10.2018
(87) IB2011052869
03.01.2013
(22) 29.06.2011
(54) METHOD AND APPARATUS FOR TERMINAL MEASUREMENT CONFIGURATION IN MULTI-RADIO ACCESS TECHNOLOGY ENVIRONMENT
(73) Nokia Technologies Oy
(72) KESKITALO, Ilkka, Antero
UUSITALO, Mikko, Aleksi

(51) H04W 24/10
H04W 36/00
H04W 36/08
H04W 36/34
H04W 36/36
H04W 36/38
H04W 52/00
(11) EP2564637
(21) EP11775365.7
(47) 31.10.2018
(87) SE2011050351
03.11.2011
(22) 29.03.2011
(54) METHOD, APPARATUS AND SYSTEM FOR MOBILITY ENHANCEMENT IN DRX
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SÅGFORS, Mats
WAGER, Stefan
(31) 771799
(32) 30.04.2010
(33) United States of America

(51) H04W 24/10
H04W 84/18
(11) EP2478721
(21) EP10754517.0
(47) 31.10.2018
(87) EP2010063719
24.03.2011
(22) 17.09.2010
(54) RADIO NETWORK COMPRISING RADIO CLIENTS THAT PERFORM CHANNEL MEASUREMENTS IN A DIAGNOSTIC MODE
(73) Phoenix Contact GmbH & Co. KG
(72) HAKEMEYER, Frank
WITTE, Stefan
(31) 102009041835
(32) 18.09.2009
(33) Germany

(51) H04W 24/10
H04W 88/08
(11) EP3086594
(21) EP14871204.5
(47) 31.10.2018
(87) KR2014004886
25.06.2015
(22) 02.06.2014
(54) METHOD FOR PERFORMING MEASUREMENT IN CLOUD WIRELESS COMMUNICATION SYSTEM AND DEVICE FOR SAME
(73) LG Electronics Inc.
(72) CHOI, Hyeyoung
CHUNG, Jaehoon
LEE, Eunjong
CHO, Heejeong
HAHN, Genebeck
(31) 201361916724 P
(32) 16.12.2013
(33) United States of America

(51) H04W 28/00
H04L 1/18
(11) EP2505017
(21) EP09851582.8
(47) 31.10.2018
(87) CN2009075179
03.06.2011
(22) 27.11.2009
(54) INCREASING CAPACITY IN WIRELESS COMMUNICATIONS
(73) Qualcomm Incorporated
(72) XUE, Yisheng
FAN, Michael M.
LIANG, Jiye

(51) H04W 28/02
H04W 88/06
H04W 12/04
H04W 8/24
H04W 36/00
H04W 36/22
H04W 36/14
H04W 84/12
(11) EP3152954
(21) EP15803303.5
(47) 31.10.2018
(87) US2015028634
10.12.2015
(22) 30.04.2015

(54) RADIO RESOURCE CONTROL (RRC) PROTOCOL FOR INTEGRATED WLAN/3GPP RADIO ACCESS TECHNOLOGIES
(73) Intel Corporation
(72) HIMAYAT, Nageen
SIROTKIN, Alexander
ZHU, Jing
STOJANOVSKI, Alexandre
FONG, Mo-han
GUPTA, Vivek
NIU, Huaning
ZONG, Pingping
DIMOU, Konstantinos
YEH, Shu-ping
TALWAR, Shilpa
VENKATACHALAM, Muthaiah
(31) 201462007388 P
201414583222
(32) 03.06.2014
26.12.2014
(33) United States of America
United States of America

(51) H04W 28/06
(11) EP2676476
(21) EP11703692.1
(47) 31.10.2018
(87) EP2011052254
23.08.2012
(22) 16.02.2011
(54) RADIO LINK CONTROL
(73) Nokia Solutions and Networks Oy
(72) SIPOLA, Jussi, Matti
KOSKINEN, Henri, Markus

(51) H04W 28/08
H04B 7/0404
H04B 7/06
H04W 16/28
(11) EP2700262
(21) EP12773827.6
(47) 31.10.2018
(87) CN2012071783
26.10.2012
(22) 29.02.2012
(54) INTRA-FREQUENCY LOAD BALANCING METHOD AND APPARATUS THEREOF
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ZHANG, Zhang
LIU, Jinhua
(31) 201110111187
(32) 22.04.2011
(33) China

(51) H04W 36/00
(11) EP2966900
(21) EP13881852.1
(47) 31.10.2018
(87) CN2013074178
16.10.2014
(22) 12.04.2013
(54) METHOD AND APPARATUS FOR ASSISTING TERMINAL IN PERFORMING MEASUREMENT
(73) Huawei Technologies Co., Ltd.
(72) LI, Qiang
LV, Yongxia

(51) H04W 36/00
(11) EP3179774
(21) EP15829693.9
(47) 31.10.2018
(87) CN2015084224
11.02.2016
(22) 16.07.2015
(54) BEARER ADMISSION CONTROL METHOD AND BEARER ADMISSION CONTROL APPARATUS
(73) China Academy of Telecommunications Technology
(72) WU, Yumin
ZHANG, Dajun
(31) 201410381925
(32) 05.08.2014
(33) China

(51) H04W 36/00
H04L 5/00
H04W 56/00
H04W 28/08
H04W 76/15
H04W 76/18
(11) EP3064016
(21) EP14858148.1
(47) 31.10.2018
(87) US2014055835
07.05.2015
(22) 16.09.2014
(54) SYSTEMS, METHODS, AND DEVICES FOR EFFICIENT DEVICE-TO-DEVICE CHANNEL CONTENTION
(73) Intel IP Corporation
(72) LI, Qinghua
KUMAR, Utsaw
NIU, Huaning
ZHU, Yuan
ZONG, Pingping
FWU, Jong-Kae
(31) 201361898425 P
201414316175
(32) 31.10.2013
26.06.2014
(33) United States of America
United States of America

(51) H04W 36/00
H04W 4/06
(11) EP3192306
(21) EP15767386.4
(47) 31.10.2018
(87) US2015048953
17.03.2016
(22) 08.09.2015
(54) DERIVATION OF EMBMS NEIGHBOR SAI INFORMATION WITH CORRELATION BIT-MAP
(73) Qualcomm Incorporated
(72) YANG, Kenchieh Brian
WANG, Jun
ZHANG, Xiaoxia
GHOLMIEH, Ralph Akram
NAIK, Nagaraju
(31) 201462048191 P
201514846335
(32) 09.09.2014
04.09.2015
(33) United States of America
United States of America

(51) H04W 36/00
H04W 28/26
H04W 36/04
H04W 36/32
H04W 48/16
H04W 84/04
H04W 88/16
H04W 92/24
H04W 76/10
(11) EP2375807
(21) EP09831442.0
(47) 31.10.2018
(87) CN2009075215
17.06.2010
(22) 30.11.2009
(54) HANDOVER PROCESSING METHOD, HOME BASE STATION GATEWAY AND NETWORK SYSTEM
(73) Huawei Technologies Co., Ltd.
(72) CHEN, Xin
DENG, Mingyi
TIAN, Xu
(31) 200810204571
200910177421
(32) 10.12.2008
28.09.2009
(33) China
China

(51) H04W 36/00
H04W 36/08
(11) EP2749077
(21) EP12880661.9
(47) 31.10.2018
(87) CN2012000939
09.01.2014
(22) 06.07.2012
(54) METHOD, DEVICE AND BASE STATION FOR HANDOVER CONTROL
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) HUANG, Min
QIANG, Yongquan
CENTONZA, Angelo
LIU, Huichun
KONG, Weidong

(51) H04W 36/00
H04W 72/04
H04W 72/08
H04W 76/10
H04W 36/30
H04W 36/32
(11) EP3114892
(21) EP14708852.0
(47) 31.10.2018
(87) EP2014054316
11.09.2015
(22) 06.03.2014
(54) CONFIGURATION OF WIRELESS TERMINALS BASED UPON DISCOVERY OF OTHER WIRELESS TERMINALS IN THE VICINITY USING SHORT RANGE COMMUNICATIONS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LINDOFF, Bengt
RAHMAN, Imadur
WILHELMSSON, Leif

(51) H04W 36/00
H04W 76/27
H04W 16/26
(11) EP2462776
(21) EP09781615.1

(47) 31.10.2018
(87) EP2009060278
10.02.2011
(22) 07.08.2009
(54) OPERATION IN CASE OF RADIO LINK FAILURE
(73) HMD global Oy
(72) VAN PHAN, Vinh
YU, Ling
HORNEMAN, Kari Veikko

(51) H04W 36/02
H04W 72/00
H04W 76/00
H04W 36/00
(11) EP2797361
(21) EP14153934.6
(47) 31.10.2018
(22) 13.04.2011
(54) Cell selection depending on mbms capability
(73) HMD global Oy
(72) Ranta-aho, Karri Markus
Koskela, Jarkko T.
Koskinen, Henri Markus
Hwang, Woonhee
Pekonen, Johanna Katariina

(51) H04W 36/26
H04L 12/857
H04W 28/18
H04W 36/14
(11) EP2583500
(21) EP10748198.8
(47) 31.10.2018
(87) US2010046387
29.12.2011
(22) 23.08.2010
(54) MAPPING OF QUALITY OF SERVICE PARAMETERS BETWEEN RADIO ACCESS TECHNOLOGIES
(73) Qualcomm Incorporated
(72) KLINGENBRUNN, Thomas
BABBAR, Uppinder Singh
BALASUBRAMANIAN, Srinivasan
RAMACHANDRAN, Shyamal
SWAMINATHAN, Arvind
(31) 819318
(32) 21.06.2010
(33) United States of America

(51) H04W 36/30
H04W 76/14
(11) EP2733988
(21) EP12814852.5
(47) 31.10.2018
(87) KR2012005647
24.01.2013
(22) 16.07.2012
(54) METHOD FOR PERFORMING HANDOVER DURING DEVICE-TO-DEVICE COMMUNICATION IN WIRELESS ACCESS SYSTEM AND DEVICE FOR SAME
(73) LG Electronics Inc.
(72) JANG, Jiwoong
CHO, Hangyu
(31) 201161508070 P
(32) 15.07.2011
(33) United States of America

(51) H04W 36/32
H04W 24/10
H04W 28/18
H04W 36/00
H04W 36/06
H04W 36/30
H04W 64/00
(11) EP2501180
(21) EP10829780.5
(47) 31.10.2018
(87) JP2010066169
19.05.2011
(22) 17.09.2010
(54) MOBILE STATION, NETWORK, AND HANDOVER CONTROL METHOD
(73) NTT DOCOMO, INC.
(72) EBARA, Hidetoshi
MAEDA, Masato
(31) 2009256869
(32) 10.11.2009
(33) Japan

(51) H04W 40/22
(11) EP2153593
(21) EP08759760.5
(47) 31.10.2018
(87) EP2008056143
27.11.2008
(22) 20.05.2008
(54) METHOD OF TRANSMITTING DATA PACKETS
(73) Thomson Licensing
(72) JEANNE, LUDOVIC
FONTAINE, PATRICK
GUGUEN, CHARLINE
(31) 0755249
(32) 24.05.2007
(33) France

(51) H04W 40/36
H04W 8/12
H04W 8/08
H04W 80/04
(11) EP2119146
(21) EP08716487.7
(47) 31.10.2018
(87) EP2008001985
18.09.2008
(22) 12.03.2008
(54) METHOD FOR PERFORMING ROUTE OPTIMIZATION BETWEEN TWO NODES IN NETWORK BASED MOBILITY MANAGEMENT
(73) NEC Corporation
(72) ABEILLE, Julien
LIEBSCH, Marco
MELIA, Telemaco
(31) 07005052
(32) 12.03.2007
(33) European Patent Office (EPO)

(51) H04W 48/12
(11) EP2844004
(21) EP14189726.4
(47) 31.10.2018
(22) 16.11.2007
(54) METHOD AND APPARATUS FOR RECEIVING SYSTEM INFORMATION FROM BASE STATION IN A MOBILE COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd
(72) Ko, Min-Suk
Jeong, Kyeong-In
(31) 20060115082
(32) 21.11.2006
(33) Korea (Republic)

(51) H04W 48/18
(11) EP2441294
(21) EP10728485.3
(47) 31.10.2018
(87) US2010037807
16.12.2010
(22) 08.06.2010
(54) METHOD AND APPARATUS FOR SWITCHING VIRTUAL SIM SERVICE CONTRACTS BASED UPON A USER PROFILE
(73) QUALCOMM Incorporated
(72) SHI, Guangming
TANGIRALA, Venkat
SIU, Ta-yan
DURAND, Julian
SPRIGG, Stephen A.
(31) 480406
(32) 08.06.2009
(33) United States of America

(51) H04W 48/18
H04W 72/00
H04W 48/12
(11) EP2103007
(21) EP08704836.9
(47) 31.10.2018
(87) KR2008000300
24.07.2008
(22) 17.01.2008
(54) METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING MOBILITY INFORMATION SUPPORTING HANDOVER AND/OR ROAMING IN DIGITAL BROADCASTING SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) XU, Yiling
SONG, Jae-Yeon
LEE, Kook-Heui
(31) 20070006211
(32) 19.01.2007
(33) Korea (Republic)

(51) H04W 48/20
H04W 36/26
H04W 16/26
H04W 84/04
(11) EP2826310
(21) EP12708142.0
(47) 31.10.2018
(87) EP2012054289
19.09.2013
(22) 12.03.2012
(54) PICO CELL-SELECTION / HANDOVER FOR TDM EICIC HETEROGENOUS NETWORKS
(73) Nokia Solutions and Networks Oy
(72) PEDERSEN, Klaus, Ingemann
SORET-ALVAREZ, Beatriz

(51) H04W 52/04
H04W 52/32
H04W 52/34
H04W 52/14
(11) EP2509370
(21) EP11817718.7
(47) 31.10.2018

(87) CN2011075691
23.02.2012
(22) 13.06.2011
(54) TERMINAL AND GRANT PROCESSING METHOD THEREOF
(73) ZTE Corporation
(72) CHENG, Xiang
KE, Yazhu
LIU, Lin
(31) 201010265145
(32) 20.08.2010
(33) China

(51) H04W 52/14
H04W 52/54
H04W 52/08
H04W 52/48
H04W 52/16
H04W 52/28
H04W 52/32
(11) EP3079414
(21) EP14867878.2
(47) 31.10.2018
(87) KR2014011906
11.06.2015
(22) 05.12.2014
(54) METHOD AND APPARATUS FOR CONTROLLING UPLINK TRANSMISSION POWER IN WIRELESS ACCESS SYSTEM SUPPORTING MACHINE-TYPE COMMUNICATION
(73) LG Electronics Inc.
(72) KIM, Bonghoe
SEO, Dongyoun
YANG, Suckchel
YI, Yunjung
(31) 201361912536 P
201361914379 P
(32) 05.12.2013
10.12.2013
(33) United States of America
United States of America

(51) H04W 52/24
H04W 72/04
H04W 52/14
H04W 52/36
H04W 72/02
H04W 72/08
(11) EP2926602
(21) EP13805766.6
(47) 31.10.2018
(87) EP2013003491
05.06.2014
(22) 19.11.2013
(54) METHOD AND SYSTEM FOR DETERMINING AN INTERVAL OF FREQUENCIES IN A TELECOMMUNICATIONS NETWORK
(73) Airbus DS SAS
(72) GEORGEAUX, Eric
GRUET, Christophe
FRAYSSE, Frédéric
LERAUT, Christophe
(31) 1261420
(32) 29.11.2012
(33) France

(51) H04W 52/28
H04W 52/24
H04W 52/18
H04W 52/34
H04W 52/36
H04W 52/14
(11) EP2829128
(21) EP13717075.9
(47) 31.10.2018
(87) SE2013050287
26.09.2013
(22) 15.03.2013
(54) METHODS AND APPARATUS FOR ADJUSTING MAXIMUM OUTPUT POWER LEVEL
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) KAZMI, Muhammad
GHASEMZADEH, Farshid
LIU, Jinhua
MIAO, Qingyu
TEJEDOR, Erika
(31) 201261612790 P
(32) 19.03.2012
(33) United States of America

(51) H04W 52/30
H04W 52/36
H04L 1/18
H04L 5/00
H04W 28/18
H04W 52/02
H04W 52/14
H04W 52/24
H04W 52/28
H04W 52/32
H04W 52/48
H04W 72/12
H04W 72/04
H04W 76/15
H04W 52/16
(11) EP3095283
(21) EP15737309.3
(47) 31.10.2018
(87) KR2015000540
23.07.2015
(22) 19.01.2015
(54) ADAPTATIONS OF DUAL CONNECTIVITY OPERATION TO UE CAPABILITY
(73) Samsung Electronics Co., Ltd.
(72) PAPASAKELLARIOU, Aris
NG, Boon Loong
LI, Ying
(31) 201461928900 P
201461930837 P
201461996671 P
201514595827
(32) 17.01.2014
23.01.2014
14.05.2014
13.01.2015
(33) United States of America
United States of America
United States of America
United States of America

(51) H04W 52/36
H04L 5/00
H04W 52/54
H04W 72/12
(11) EP3255937
(21) EP17183792.5
(47) 31.10.2018
(22) 03.11.2011
(54) UPLINK SCHEDULING APPARATUS AND METHOD BASED ON UPLINK REPORT IN WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) KIM, Soeng Hun
VAN LIESHOUT, Gert-Jan
(31) 20100109664
20100116958
(32) 05.11.2010
23.11.2010
(33) Korea (Republic)
Korea (Republic)

(51) H04W 52/38
H04W 16/32
H04W 52/30
H04W 72/04
H04W 52/36
H04W 52/14
H04W 52/16
H04W 52/32
H04W 52/34
H04W 76/15
H04W 52/28
(11) EP3160197
(21) EP15809040.7
(47) 31.10.2018
(87) JP2015067596
23.12.2015
(22) 18.06.2015
(54) TERMINAL DEVICE, BASE-STATION DEVICE, AND COMMUNICATION METHOD
(73) Sharp Kabushiki Kaisha
(72) SHIMEZAWA Kazuyuki
NOGAMI, Toshizo
OUCHI, Wataru
KUSASHIMA, Naoki
RUIZ DELGADO, Alvaro
(31) 2014126934
(32) 20.06.2014
(33) Japan

(51) H04W 56/00
H04L 27/26
(11) EP2079267
(21) EP09150132.0
(47) 31.10.2018
(22) 07.01.2009
(54) Method for adjusting transmission timing and transmitting continuous packets and mobile station thereof
(73) LG Electronics Inc.
(72) Ahn, Joon Kui
Kim, Ki Jun
Ihm, Bin Chul
Yun, Young Woo
(31) 20080003517
(32) 11.01.2008
(33) Korea (Republic)

(51) H04W 64/00
G01S 5/02
G01S 5/10
(11) EP3033913
(21) EP14772460.3
(47) 31.10.2018
(87) SE2014050933
19.02.2015

(22) 12.08.2014
(54) POSITIONING IN A SHARED CELL
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SIOMINA, Iana
KAZMI, Muhammad
(31) 201361864967 P
(32) 12.08.2013
(33) United States of America

(51) H04W 64/00
H04W 4/90
H04W 76/50
G08B 25/01
(11) EP3231201
(21) EP15817009.2
(47) 31.10.2018
(87) US2015063884
16.06.2016
(22) 04.12.2015
(54) A METHOD AND SYSTEM FOR INFORMATION MANAGEMENT FOR AN INCIDENT RESPONSE
(73) Motorola Solutions, Inc.
(72) NAKFOUR, Juana E.
GRIESMANN, Daniel S.
(31) 201414568261
(32) 12.12.2014
(33) United States of America

(51) H04W 68/02
(11) EP2979505
(21) EP14733685.3
(47) 31.10.2018
(87) IB2014000659
02.10.2014
(22) 28.03.2014
(54) PAGING IN MOBILE NETWORKS USING INDEPENDENT PAGING CELLS AND ACCESS CELLS
(73) Orange
(72) Yifan, Yu
(31) PCT/CN2013/000359
(32) 28.03.2013
(33) World Intellectual Property Office (WIPO)

(51) H04W 72/02
H04W 72/10
H04W 72/12
H04W 4/00
(11) EP3131352
(21) EP16181159.1
(47) 31.10.2018
(22) 26.07.2016
(54) METHOD FOR PERFORMING A LOGICAL CHANNEL PRIORITIZATION IN A D2D COMMUNICATION SYSTEM AND DEVICE THEREFOR
(73) LG ELECTRONICS INC.
(72) YI, Seungjune
LEE, Sunyoung
(31) 201562204421 P
(32) 12.08.2015
(33) United States of America

(51) H04W 72/04
(11) EP2793521
(21) EP13738204.0
(47) 31.10.2018
(87) CN2013070746
25.07.2013
(22) 21.01.2013
(54) NODE GROUPING METHOD, NODE, AND ACCESS POINT
(73) Huawei Technologies Co., Ltd.
(72) WU, Tianyu
CHEN, Chen
ZHU, Lina
LI, Changle
(31) 201210017911
(32) 19.01.2012
(33) China

(51) H04W 72/04
H04J 11/00
H04L 5/00
(11) EP3122134
(21) EP15765581.2
(47) 31.10.2018
(87) JP2015055701
24.09.2015
(22) 26.02.2015
(54) TERMINAL DEVICE AND INTEGRATED CIRCUIT
(73) Sharp Kabushiki Kaisha
(72) YAMADA Ryota
YOKOMAKURA Kozue
KATO Katsuya
TOMEBA Hiromichi
YOKOMAKURA Kazunari
(31) 2014057347
(32) 20.03.2014
(33) Japan

(51) H04W 72/04
H04W 72/08
H04W 4/021
H04W 24/10
H04W 74/00
(11) EP2932779
(21) EP13843035.0
(47) 31.10.2018
(87) IB2013002939
07.08.2014
(22) 16.12.2013
(54) A DYNAMIC SPECTRUM ACCESS METHOD, CORRESPONDING DEVICE, COMPUTER PROGRAM PRODUCT
(73) Orange
(72) WANG, Dongyan
SAMPSON, Nick
ZHANG, Lin
(31) PCT/CN2012/086802
(32) 17.12.2012
(33) World Intellectual Property Office (WIPO)

(51) H04W 72/08
H04J 11/00
H04W 88/10
(11) EP3202204
(21) EP15780792.6
(47) 31.10.2018
(87) EP2015072490
07.04.2016
(22) 29.09.2015
(54) INTERFERENCE DETECTION
(73) British Telecommunications public limited company
(72) SCAHILL, Francis
RINGLAND, Simon
TOWNEND, David
EVENDEN, Richard
(31) 14250111
14250112
14250110
(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 72/08
H04W 48/16
H04W 52/02
H04W 36/00
H04W 48/20
H04W 74/00
(11) EP3294030
(21) EP17186734.4
(47) 31.10.2018
(22) 09.04.2014
(54) SYSTEM INFORMATION TRANSMISSION METHODS, BASE STATION, AND USER EQUIPMENT
(73) HUAWEI TECHNOLOGIES CO., LTD.
(72) LI, Sainan
HUANG, Huang
HUANG, Lei

(51) H04W 72/08
H04W 72/04
(11) EP3100570
(21) EP14881120.1
(47) 31.10.2018
(87) SE2014050127
06.08.2015
(22) 31.01.2014
(54) RADIO NODE, COMMUNICATION DEVICES AND METHODS THEREIN
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SORRENTINO, Stefano
ZHAO, Zhenshan

(51) H04W 72/10
H04W 76/15
H04W 88/06
(11) EP3261401
(21) EP16176118.4
(47) 31.10.2018
(22) 24.06.2016
(54) USING A SHARED RADIO COMMUNICATION COMPONENT
(73) Intel IP Corporation
(72) LIPKA, Dietmar
STROBL, Stefan
WIPPICH, Wolfgang

(51) H04W 72/12
H04J 11/00
H04W 28/02
H04L 5/00
H04W 72/04
H04W 88/02
(11) EP2557880
(21) EP11766162.9
(47) 31.10.2018
(87) KR2011002429
13.10.2011
(22) 06.04.2011
(54) METHOD AND APPARATUS FOR PROCESSING SCHEDULING INFORMATION IN MOBILE COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd

(72) KIM, Soeng-hun
VAN LIESHOUT, Gert-Jan
(31) 20100099013
20100062273
20100043238
20100031278
(32) 11.10.2010
29.06.2010
07.05.2010
06.04.2010
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) H04W 72/12
H04W 74/06
(11) EP2896262
(21) EP13770582.8
(47) 31.10.2018
(87) US2013059652
20.03.2014
(22) 13.09.2013
(54) TRANSFER OF DATA PACKETS
(73) Interdigital Patent Holdings, Inc.
(72) WANG, Xiaofei
ZHANG, Guodong
(31) 201261700720 P
201361831759 P
(32) 13.09.2012
06.06.2013
(33) United States of America
United States of America

(51) H04W 72/12
H04W 88/06
(11) EP3209084
(21) EP17165619.2
(47) 31.10.2018
(22) 20.07.2011
(54) APPARATUS AND METHOD FOR ACTIVITY COORDINATION IN MULTI-RADIO TERMINALS
(73) MediaTek Inc.
(72) Ko, Li-Chun
Hsu, Hong-Kai
Fu, I-Kang
Lee, Chi-Chen
(31) 365891 P
925475
(32) 20.07.2010
22.10.2010
(33) United States of America
United States of America

(51) H04W 74/00
H04L 5/00
H04W 56/00
H04W 74/08
(11) EP2735206
(21) EP11734075.2
(47) 31.10.2018
(87) EP2011062235
24.01.2013
(22) 18.07.2011
(54) DETERMINATION OF THE TIMING ADVANCE GROUP
(73) Nokia Solutions and Networks Oy
(72) WU, Chunli
SEBIRE, Benoist, Pierre

(51) H04W 74/04
H04W 72/08
H04W 84/18
(11) EP2020785
(21) EP08008221.7
(47) 31.10.2018
(22) 30.04.2008
(54) Method and system for bidirectional radio communication
(73) ista International GmbH
(72) Bley, Bert, Dipl.-Ing.
Niederfeld, Gerhard, Dipl.-Ing.
(31) 102007036751
(32) 03.08.2007
(33) Germany

(51) H04W 74/06
(11) EP2742751
(21) EP12751666.4
(47) 31.10.2018
(87) US2012050639
21.02.2013
(22) 13.08.2012
(54) DEVICES FOR REDUCED OVERHEAD PAGING
(73) Qualcomm Incorporated
(72) MERLIN, Simone
SAMPATH, Hemanth
ABRAHAM, Santosh Paul
WENTINK, Menzo
QUAN, Zhi
ASTERJADHI, Alfred
(31) 201161523033 P
201161552444 P
201161552661 P
201261591493 P
201261598200 P
201213572427
(32) 12.08.2011
27.10.2011
28.10.2011
27.01.2012
13.02.2012
10.08.2012
(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

(51) H04W 74/08
H04W 36/16
(11) EP2615883
(21) EP13162780.4
(47) 31.10.2018
(22) 28.02.2005
(54) Random access method and radio communication terminal device
(73) Optis Wireless Technology, LLC
(72) Cheng, Jun
Nishio, Akihiko
Miyoshi, Kenichi
(31) 2004065625
(32) 09.03.2004
(33) Japan

(51) H04W 74/08
H04W 76/18
H04W 56/00
H04L 5/00
(11) EP3022982
(21) EP14826512.7
(47) 31.10.2018
(87) KR2014006414
22.01.2015
(22) 16.07.2014
(54) METHOD AND APPARATUS FOR PERFORMING RANDOM ACCESS PROCEDURE IN WIRELESS COMMUNICATION SYSTEM
(73) LG Electronics Inc.
(72) PARK, Sungjun
LEE, Youngdae
YI, Seungjune
JUNG, Sunghoon
(31) 201361856070 P
(32) 19.07.2013
(33) United States of America

(51) H04W 74/08
H04W 84/12
H04W 52/02
(11) EP2863699
(21) EP13807144.4
(47) 31.10.2018
(87) KR2013005353
27.12.2013
(22) 18.06.2013
(54) METHOD AND DEVICE FOR CONTROLLING CHANNEL ACCESS IN WIRELESS LAN SYSTEM
(73) LG Electronics Inc.
(72) SEOK, Yongho
(31) 201261660813 P
201261692712 P
(32) 18.06.2012
24.08.2012
(33) United States of America
United States of America

(51) H04W 76/10
(11) EP3075207
(21) EP14865136.7
(47) 31.10.2018
(87) US2014067183
04.06.2015
(22) 24.11.2014
(54) CONCURRENT USES OF NON-CELLULAR INTERFACES FOR PARTICIPATING IN HYBRID CELLULAR AND NON-CELLULAR NETWORKS
(73) M87, Inc.
(72) BHARGAVA, Vidur
FELDMAN, Peter, Matthew
(31) 201314092446
201414264314
(32) 27.11.2013
29.04.2014
(33) United States of America
United States of America

(51) H04W 76/10
H04W 48/00
H04W 48/18
H04W 8/26
H04W 88/16
H04W 92/02
H04W 48/08
H04W 48/14
H04W 76/12
(11) EP2641368
(21) EP11841366.5

(47) 31.10.2018
(87) FI2011051007
24.05.2012
(22) 16.11.2011
(54) APPARATUS AND METHOD FOR SELECTION OF A GATEWAY OF A LOCAL AREA NETWORK
(73) Nokia Technologies Oy
(72) RINNE, Mika
KOKKINEN, Heikki
KEKKI, Sami
DOPPLER, Klaus
(31) 950557
(32) 19.11.2010
(33) United States of America

(51) H04W 76/14
H04W 72/04
H04W 4/80
H04B 7/26
H04W 88/04
H04W 92/18
(11) EP2806673
(21) EP12860170.5
(47) 31.10.2018
(87) CN2012071351
27.06.2013
(22) 20.02.2012
(54) METHOD AND SYSTEM FOR NEIGHBORING DEVICE COMMUNICATION, AND NETWORK SIDE DEVICE
(73) ZTE Corporation
(72) XU, Hui
(31) 201110437670
(32) 23.12.2011
(33) China

(51) H04W 76/15
(11) EP2936900
(21) EP12890470.3
(47) 31.10.2018
(87) US2012072291
26.06.2014
(22) 31.12.2012
(54) METHOD AND APPARATUS FOR LAYER 3 CONFIGURATION IN A HETEROGENEOUS NETWORK
(73) BlackBerry Limited
(72) CAI, Zhijun
SONG, Yi
BONTU, Chandra Sekhar
(31) 201213720783
(32) 19.12.2012
(33) United States of America

(51) H04W 76/25
H04W 64/00
H04W 60/00
(11) EP2477450
(21) EP12150221.5
(47) 31.10.2018
(22) 05.01.2012
(54) Method and device for activating a UMTS/LTE mobile phone without the user noticing
(73) Rohde & Schwarz GmbH & Co. KG
(72) Schachinger, Jürgen
Frick, Joachim
(31) 102011008733
102011010354
102011005413
(32) 17.01.2011
04.02.2011
11.03.2011
(33) Germany
Germany
Germany

(51) H04W 76/25
H04W 68/12
(11) EP2540115
(21) EP11744841.5
(47) 31.10.2018
(87) JP2011054417
25.08.2011
(22) 21.02.2011
(54) MOBILE TERMINATED CONTROL METHOD AND MOBILE TERMINAL DEVICE
(73) Lenovo Innovations Limited (Hong Kong)
(72) LAIR, Yannick
IANEV, Iskren
(31) 201002892
(32) 22.02.2010
(33) United Kingdom

(51) H04W 92/12
H04W 88/08
(11) EP2687062
(21) EP12710893.4
(47) 31.10.2018
(87) EP2012053895
20.09.2012
(22) 07.03.2012
(54) BASE STATION
(73) Intel Deutschland GmbH
(72) MUECK, Markus Dominik
(31) 201113046885
(32) 14.03.2011
(33) United States of America

(51) H05B 1/02
(11) EP2741568
(21) EP12819393.5
(47) 31.10.2018
(87) JP2012069968
07.02.2013
(22) 06.08.2012
(54) HEATER CONTROL DEVICE, METHOD, AND PROGRAM
(73) Mitsubishi Heavy Industries Thermal Systems, Ltd.
(72) NAGASAKA, Keiji
SATO, Hidetaka
NAKANO, Koji
MATSUBARA, Shiro
KOMINAMI, Satoshi
SUMITO, Kiyotaka
SHIMIZU, Kenji
(31) 2011171154
(32) 04.08.2011
(33) Japan

(51) H05B 3/60
A23B 5/01
A23L 3/005
(11) EP2829156
(21) EP13712609.0
(47) 31.10.2018
(87) NL2013050202
26.09.2013
(22) 19.03.2013
(54) PROCESS FOR FAST AND HOMOGENEOUSLY HEATING A LIQUID PRODUCT AND APPARATUS FOR SUCH PROCESS
(73) Stichting Wageningen Research
(72) TIMMERMANS, Rian, Adriana, Hendrika
DE MORAES, Ricardo, Ermirio
MASTWIJK, Hendrikus, Cornelis
MATSER, Ariette, Margaretha
(31) 12160363
0062631
(32) 20.03.2012
20.03.2012
(33) European Patent Office (EPO)
Brazil

(51) H05B 6/06
A47J 27/62
A61B 5/00
F24C 7/08
F24C 7/00
G01N 33/02
H05B 1/02
H05B 6/64
(11) EP3232733
(21) EP17165648.1
(47) 31.10.2018
(22) 10.04.2017
(54) SYSTEM THAT EMITS LIGHT TO OVERHEATED PORTION OF COOKING CONTAINER
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) KAMEI, Rinako
RAFII, Zarina
ASO, Mitsuhiro
SUGIMOTO, Hiroko
YUKI, Yasuhiro
(31) 2016082431
2017009849
(32) 15.04.2016
23.01.2017
(33) Japan
Japan

(51) H05B 6/80
(11) EP2211592
(21) EP09169790.4
(47) 31.10.2018
(22) 09.09.2009
(54) Microwave oven with door change device
(73) Samsung Electronics Co., Ltd.
(72) Kim, Gong Soo
(31) 20080123184
(32) 05.12.2008
(33) Korea (Republic)

(51) H05B 33/08
(11) EP2779794
(21) EP14158106.6
(47) 31.10.2018
(22) 06.03.2014
(54) Voltage to current architecture to improve PWM performance of output drivers
(73) NXP B.V.
(72) Kamal, Abu
Caravella, James
(31) 201313827578
(32) 14.03.2013
(33) United States of America

(51) H05B 33/10

C09D 11/30
C09D 11/36
H01L 51/00
H01L 51/56
C09D 11/50
C09D 11/52
H01L 51/50
H01L 27/32
(11) EP2874470
(21) EP14193164.2
(47) 31.10.2018
(22) 14.11.2014
(54) Ink for forming functional layer, method of manufacturing ink for forming functional layer, and method of manufacturing organic electro-luminescence element
(73) Seiko Epson Corporation
(72) Imamura, Koji
Uchida, Masahiro
Sonoyama, Takuya
(31) 2013238595
(32) 19.11.2013
(33) Japan

(51) H05B 37/02
(11) EP2170016
(21) EP09011786.2
(47) 31.10.2018
(22) 16.09.2009
(54) Light source switching control system of lighting device for vehicle
(73) Koito Manufacturing Co., Ltd.
(72) Murakami, Kentarou
Ito, Masayasu
(31) 2008238142
(32) 17.09.2008
(33) Japan

(51) H05B 37/02
(11) EP3171674
(21) EP15195148.0
(47) 31.10.2018
(22) 18.11.2015
(54) A LEARNING LUMINAIRE, AND A LEARNING CONTROL DEVICE FOR A LUMINAIRE, USING FUZZY LOGIC
(73) Helvar Oy Ab
(72) Ahola, Jukka

(51) H05B 37/02
(11) EP3284322
(21) EP16718257.5
(47) 31.10.2018
(87) EP2016057732
20.10.2016
(22) 08.04.2016
(54) LIGHTING CONTROL APPARATUS
(73) Philips Lighting Holding B.V.
(72) CHRAIBI, Sanae
MEERBEEK, Berent, Willem
MAGIELSE, Remco
VAN DE SLUIS, Bartel, Marinus
ALIAKSEYEU, Dzmitry, Viktorovich
ENGELEN, Dirk, Valentinus, René
MASON, Jonathan, David
(31) 15163867
(32) 16.04.2015
(33) European Patent Office (EPO)

(51) H05B 37/02
(11) EP3226660
(21) EP17162824.1
(47) 31.10.2018
(22) 24.03.2017
(54) A COMPUTER IMPLEMENTED METHOD FOR CREATING A DYNAMIC LIGHT EFFECT AND CONTROLLING A LIGHTING DEVICE ACCORDING TO THE DYNAMIC LIGHT EFFECT
(73) Philips Lighting Holding B.V.
(72) NIEMANTSVERDRIET, Karin
EGGEN, Josephus Hubertus
VAN ESSEN, Harm
(31) 16163093
(32) 31.03.2016
(33) European Patent Office (EPO)

(51) H05B 41/28
H05B 33/08
(11) EP2919558
(21) EP14159329.3
(47) 31.10.2018
(22) 13.03.2014
(54) Mains synchronized PWM dimming of lighting means
(73) Dialog Semiconductor (UK) Limited
(72) Jelaca, Nebojsa
Zudrell-Koch, Stefan

(51) H05H 1/20
H05H 1/46
C23C 16/40
C23C 16/455
C23C 16/503
(11) EP2316252
(21) EP09805431.5
(47) 31.10.2018
(87) US2009052679
11.02.2010
(22) 04.08.2009
(54) PLASMA SOURCE AND METHOD FOR DEPOSITING THIN FILM COATINGS USING PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION AND METHOD THEREOF
(73) AGC Flat Glass North America, Inc.
AGC Glass Europe
AGC Inc.
(72) MASCHWITZ, Peter
(31) 137839 P
(32) 04.08.2008
(33) United States of America

(51) H05K 1/02
(11) EP2826346
(21) EP13712380.8
(47) 31.10.2018
(87) NL2013050172
19.09.2013
(22) 14.03.2013
(54) SUBMOUNT, ASSEMBLY INCLUDING SUBMOUNT, METHOD OF ASSEMBLING AND ASSEMBLING DEVICE
(73) IMEC vzw
Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) VAN HECK, Gerardus Titus
DE KOK, Margaretha Maria
(31) 12159639
(32) 15.03.2012
(33) European Patent Office (EPO)

(51) H05K 1/03
H05K 1/05
B32B 5/02
B32B 7/12
B32B 15/04
B32B 15/08
B32B 15/14
B32B 15/18
B32B 15/20
B32B 27/20
B32B 27/28
(11) EP3146808
(21) EP15729232.7
(47) 31.10.2018
(87) IB2015053498
26.11.2015
(22) 12.05.2015
(54) CIRCUIT ASSEMBLIES AND METHOD OF MANUFACTURE THEREOF
(73) SABIC Global Technologies B.V.
(72) YANG, Jian
PAN, Shengping
VAN ZYL, Andries J.P.
(31) 201462001843 P
(32) 22.05.2014
(33) United States of America

(51) H05K 1/14
(11) EP2474209
(21) EP10755076.6
(47) 31.10.2018
(87) AT2010000316
10.03.2011
(22) 01.09.2010
(54) METHOD FOR CONNECTING A PLURALITY OF ELEMENTS OF A CIRCUIT BOARD, CIRCUIT BOARD, AND USE OF SUCH A METHOD
(73) AT & S Austria Technologie & Systemtechnik Aktiengesellschaft
(72) THUMSER, Christoph
FREYDL, Gerhard
(31) 55209 U
(32) 03.09.2009
(33) Austria

(51) H05K 1/14
H05K 1/18
H05K 3/28
H05K 3/32
H05K 3/36
H05K 5/06
(11) EP2575417
(21) EP12185845.0
(47) 31.10.2018
(22) 25.09.2012
(54) Printed circuit board assembly
(73) Samsung Electronics Co., Ltd.
(72) Lee, Yong Won
Park, Tae Sang
Shin, Hyo Young
Jang, Ji Young
Moon, Young Jun
Hong, Soon Min
(31) 20110098254
(32) 28.09.2011
(33) Korea (Republic)

(51) H05K 3/34
H01L 33/48
H01L 33/62
(11) EP2452547

(21) EP10730744.9
(47) 31.10.2018
(87) EP2010058831
13.01.2011
(22) 22.06.2010
(54) ELECTRONIC COMPONENT
(73) OSRAM Opto Semiconductors GmbH
(72) ZITZLSPERGER, Michael
GRÖTSCH, Stefan
(31) 102009032253
(32) 08.07.2009
(33) Germany

(51) H05K 3/42
C25D 7/12
H01L 21/288
C25D 3/38
(11) EP2607523
(21) EP12198830.7
(47) 31.10.2018
(22) 21.12.2012
(54) Method of copper electroplating
(73) Rohm and Haas Electronic Materials LLC
(72) Saito, Mutsuko
Sakai, Makoto
Hayashi, Shinjiro
(31) 2011281470
(32) 22.12.2011
(33) Japan

(51) H05K 5/00
B60R 16/023
(11) EP3165059
(21) EP15742344.3
(47) 31.10.2018
(87) FR2015051708
07.01.2016
(22) 24.06.2015
(54) ASSEMBLY FOR ATTACHING AN ELECTRONIC BOX AND VEHICLE PROVIDED WITH SUCH AN ASSEMBLY
(73) PSA Automobiles SA
(72) BAIL, Jean-bastien
GOUEDARD, Olivier
(31) 1456258
(32) 01.07.2014
(33) France

(51) H05K 5/02
H05K 7/18
G06F 1/16
(11) EP3039952
(21) EP14841071.5
(47) 31.10.2018
(87) US2014053601
05.03.2015
(22) 29.08.2014
(54) LATCH SYSTEM
(73) Western Digital Technologies, Inc.
(72) FAIRCHILD, Robert G.
(31) 201361872508 P
201314081877
(32) 30.08.2013
15.11.2013
(33) United States of America
United States of America

(51) H05K 7/14
G02B 6/00
(11) EP2635099
(21) EP12194577.8
(47) 31.10.2018
(22) 28.11.2012
(54) Electronic device and printed circuit board connection method
(73) FUJITSU LIMITED
(72) Hashimoto, Shohei
Nishiyama, Takeshi
(31) 2012044591
(32) 29.02.2012
(33) Japan

(51) H05K 7/14
H05K 5/02
H01R 13/66
H01R 24/76
(11) EP2958410
(21) EP13875319.9
(47) 31.10.2018
(87) JP2013007244
21.08.2014
(22) 10.12.2013
(54) USB POWER OUTLET
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) HIRATA, Satoshi
MATSUURA, Shuji
LO, Chihwei
CHIEN, Chiungyu
(31) 2013025256
(32) 13.02.2013
(33) Japan

(51) H05K 7/20
(11) EP2568793
(21) EP12179661.9
(47) 31.10.2018
(22) 08.08.2012
(54) Assembly and method for air conditioning a room
(73) Weiss Klimatechnik GmbH
(31) 202011051248 U
(32) 09.09.2011
(33) Germany

(51) H05K 13/04
H05K 13/08
G06T 7/00
G06F 17/50
G06T 7/73
(11) EP3169146
(21) EP14897258.1
(47) 31.10.2018
(87) JP2014068422
14.01.2016
(22) 10.07.2014
(54) METHOD FOR PRODUCING COMPONENT PLACEMENT COORDINATES AND DEVICE FOR PRODUCING COMPONENT PLACEMENT COORDINATES
(73) FUJI Corporation
(72) NAKAJIMA Mikio
OIKE Hiroshi
ESAKI Hirotake
SUGIYAMA Kenji

EP3

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 33/10
(11) EP3165060
(21) EP16306379.5
(22) 20.10.2016
(54) IMPROVED ROTARY HARROW TOOL AND HARROW COMPRISING SUCH TOOLS
(73) Kuhn SA (Societe Anonyme)
(72) SCHOTT, Thierry
TEITGEN, Hervé
(74) ir. C.M. Jansen c.s.
(31) 1560127
(32) 23.10.2015
(33) France
(47) 12.09.2018

(51) A01B 73/00
A01B 73/04
A01B 73/06
(11) EP3020262
(21) EP15193446.0
(22) 06.11.2015
(54) AGRICULTURAL IMPLEMENT FOR SPREADING A PUMPABLE MEDIUM WITH REINFORCED SPREADER ARM
(73) Bomech B.V.
(72) SCHURINK, Gerard Johannes
(74) ir. H.Th. van den Heuvel c.s.
(31) 2013775
(32) 11.11.2014
(33) Netherlands
(47) 08.08.2018

(51) A01G 9/029
A01G 9/08
(11) EP2584885
(21) EP11729184.9
(22) 23.06.2011
(54) SYSTEM AND METHOD FOR TRANSFERRING AND SINGULARIZING PLANT MATERIAL IN A CONTAINER, CONTAINER FOR PLANT MATERIAL
(73) Visser 's-Gravendeel Holding B.V.
(72) VISSER, Anthony
(74) ir. P.J. Hylarides c.s.
(31) 2004951
(32) 23.06.2010
(33) Netherlands
(47) 08.08.2018

(51) A01G 9/22
(11) EP3136839
(21) EP15728198.1
(22) 30.04.2015
(54) SCREEN DEVICE FOR A GREENHOUSE AND METHOD OF INSTALLATION
(73) Van Der Valk Systemen B.V.
(72) VAN DEURSEN, Adrianus Gerardus
BROOS, Johan Martien
PRINS, Vincent
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2012719
(32) 30.04.2014
(33) Netherlands
(47) 15.08.2018

(51) A01H 5/08
A61K 36/81
(11) EP2882280
(21) EP13756730.1
(22) 13.08.2013
(54) MUTANT TOMATOES AND USE THEREOF FOR PREVENTING WEIGHT GAIN AND/OR TREATING OBESITY-RELATED CONDITIONS
(73) Green4health B.V.
(72) VAN DER WINDT, Arie-Dirk
(74) ir. C.M. Jansen c.s.
(31) 2009317
(32) 13.08.2012
(33) Netherlands
(47) 18.07.2018

(51) A01K 1/00
A01K 31/00
A01K 31/22
A01K 1/03
(11) EP2702866
(21) EP13178463.9
(22) 30.07.2013
(54) Mobile animal stall
(73) Wördekemper, Andreas
(72) Wördekemper, Andreas
(74) ir. C.M. Jansen c.s.
(31) 202012103284 U
202012104233 U
(32) 29.08.2012
05.11.2012
(33) Germany
Germany
(47) 18.07.2018

(51) A01K 1/01
(11) EP3135105
(21) EP15475501.1
(22) 26.08.2015
(54) PET WASTE DISPOSAL DEVICE
(73) Marinko, Dusan
(72) Marinko, Dusan
(74) ir. W.J.J.M. Kempes
(31) 500812015 U
(32) 25.08.2015
(33) Slovakia
(47) 25.07.2018

(51) A01K 1/015
B65G 37/00
A01K 1/01
(11) EP2894969
(21) EP13837299.0
(22) 17.09.2013
(54) SYSTEM AND METHOD FOR TRANSPORTING SAND
(73) Sandmiser Inc.
(72) BEAUMONT, James
(31) 201261701750 P
(32) 17.09.2012
(33) United States of America
(47) 21.06.2017

(51) A01K 5/02
A01K 5/00
A01K 5/01
A01K 7/00
(11) EP2612550
(21) EP13150219.7
(22) 04.01.2013
(54) Feed tray for livestock
(73) Big Dutchman International GmbH
(72) Kruse, Klaus
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 202012000058 U
(32) 04.01.2012
(33) Germany
(47) 15.08.2018

(51) A01K 43/00
(11) EP3247203
(21) EP16714561.4
(22) 12.01.2016
(54) EGG PRINTING SYSTEM AND METHOD
(73) Sanovo Technology Netherlands B.V.
(72) ELFERINK, Hendrik
HORDIJK, Jan
(74) ir. H.V. Mertens c.s.
(31) 2014156
2014157
(32) 19.01.2015
19.01.2015
(33) Netherlands
Netherlands
(47) 22.08.2018

(51) A01K 67/027
(11) EP2993977
(21) EP15727832.6
(22) 28.05.2015
(54) HUMANIZED DIPEPTIDYL PEPTIDASE IV (DPP4) ANIMALS
(73) Regeneron Pharmaceuticals, Inc.
(72) KYRATSOUS, Christos
MUJICA, Alexander
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462005476 P
201462051626 P
201462072692 P
(32) 30.05.2014
17.09.2014
30.10.2014
(33) United States of America
United States of America
United States of America
(47) 18.07.2018

(51) A01M 23/02
A01M 23/16
A01M 25/00

(11) EP2950642
(21) EP14710606.6
(22) 04.02.2014
(54) PEST BAIT STATION
(73) Urquhart, Iain
(72) Urquhart, Iain
(74) ir. J.M.G. Dohmen c.s.
(31) 201301924
(32) 04.02.2013
(33) United Kingdom
(47) 18.07.2018

(51) A01N 1/02
(11) EP2950643
(21) EP14703931.7
(22) 03.02.2014
(54) COMPOSITION AND METHOD FOR PRESERVING, TRANSPORTING AND STORING LIVING BIOLOGICAL MATERIALS
(73) Gho, Conradus Ghosal
(72) Gho, Conradus Ghosal
(74) ir. H.V. Mertens c.s.
(31) 2010225
(32) 01.02.2013
(33) Netherlands
(47) 15.08.2018

(51) A01N 25/32
A01N 47/36
A01N 41/10
A01N 43/707
A01N 37/22
A01N 37/40
A01N 33/18
A01N 25/04
A01P 13/00
(11) EP1903863
(21) EP06762208.4
(22) 27.06.2006
(54) CULTIGEN-COMPATIBLE HERBICIDAL AGENTS CONTAINING HERBICIDES AND ACYLSULFAMOYLBENZAMIDE SAFENERS
(73) Bayer CropScience AG
(72) ROSINGER, Christopher
EVANS, Paul
HACKER, Erwin
(74) ir. W.J.J.M. Kempes
(31) 102005031787
(32) 07.07.2005
(33) Germany
(47) 18.07.2018

(51) A01N 37/36
A01N 37/44
C11D 1/62
C11D 3/39
C11D 3/395
C11D 11/00
A01N 25/30
A01N 59/00
A01N 59/08
A01N 33/12
C11D 3/20
A01N 47/44
(11) EP3131395
(21) EP15724504.4
(22) 08.04.2015
(54) METHOD FOR FIGHTING MOLD, ALGAE, AND OTHER MICROORGANISMS ON VARIOUS WALL, FLOOR, OR CEILING SURFACES INFESTED WITH SAID ORGANISMS, AND ON MASONRY IN GENERAL
(73) BMB Gebäudehygiene GmbH
(72) BRANDNER, Gerhard
(74) ir. C.M. Jansen c.s.
(31) 502802014
(32) 15.04.2014
(33) Austria
(47) 18.07.2018

(51) A01N 43/04
C07H 15/24
(11) EP3007557
(21) EP14811683.3
(22) 10.06.2014
(54) PREPARATION OF (S,S)-SECOISOLARICIRESINOL DIGLUCOSIDE AND (R,R)-SECOISOLARICIRESINOL DIGLUCOSIDE
(73) The Trustees Of The University Of Pennsylvania
The Scripps Research Institute
(72) CHRISTOFIDOU-SOLOMIDOU, Melpo
NICOLAOU, Kyriacos, C.
VALIULIN, Roman, A.
SIMMONS, Nicholas
HERETSCH, Philipp, M.
(74) drs. C.M.A. Quintelier
(31) 201361833258 P
(32) 10.06.2013
(33) United States of America
(47) 18.07.2018

(51) A01N 43/40
A01N 43/08
A01N 43/82
A01N 25/04
A01P 13/00
(11) EP2210491
(21) EP10159094.1
(22) 14.03.2007
(54) HERBICIDAL AGENTS COMPRISING DIFLUFENICAN, FLUFENACET AND FLURTAMONE
(73) Bayer CropScience AG
(72) Frisch, Gerhard
Rude, Janine
(74) ir. W.J.J.M. Kempes
(31) 06006526
06019647
(32) 29.03.2006
20.09.2006
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 18.07.2018

(51) A01N 43/40
A61K 31/44
C07D 413/14
A61K 31/4412
A61K 31/506
C07D 409/14
C07D 417/14
A61P 37/00
A61P 29/00
A61P 3/10
A61P 35/00
(11) EP2648516
(21) EP11847595.3
(22) 06.12.2011
(54) SUBSTITUTED PYRIDINONE-PYRIDINYL COMPOUNDS
(73) Aclaris Therapeutics, Inc.
(72) SELNESS, Shaun, R.
MONAHAN, Joseph, B.
SCHINDLER, John, F.
DEVADAS, Balekudru
(74) ir. C.G.C. Veldman-Dijkers
(31) 420074 P
(32) 06.12.2010
(33) United States of America
(47) 05.09.2018

(51) A01N 57/00
(11) EP2961276
(21) EP14756379.5
(22) 27.02.2014
(54) GLYPHOSATE AND DICAMBA TANK MIXTURES WITH IMPROVED VOLATILITY
(73) Monsanto Technology LLC
(72) HEMMINGHAUS, John
MACINNES, Alison
(74) ir. F.A. Geurts c.s.
(31) 201361769943 P
(32) 27.02.2013
(33) United States of America
(47) 08.08.2018

(51) A22B 5/16
B26B 25/00
B25F 5/00
(11) EP3087842
(21) EP16174568.2
(22) 14.09.2006
(54) HANDHELD DEHIDER
(73) JARVIS PRODUCTS CORPORATION
(72) GWYTHER, Peter
(74) ir. C.M. Jansen c.s.
(31) 238320
464991
(32) 29.09.2005
16.08.2006
(33) United States of America
United States of America
(47) 18.07.2018

(51) A22C 11/02
(11) EP2798961
(21) EP14166669.3
(22) 30.04.2014
(54) Device for producing a string of sausages
(73) VEMAG Maschinenbau GmbH
(72) Thelen, Christoph
Meininger, Thorsten
(74) ir. C.M. Jansen c.s.
(31) 202013004093 U
(32) 03.05.2013
(33) Germany
(47) 25.07.2018

(51) A22C 11/02
(11) EP3207805
(21) EP16156463.8
(22) 19.02.2016
(54) PACKING COMESTIBLES WITH SOLID AND LIQUID CONTENT
(73) Albert Handtmann Maschinenfabrik GmbH & Co. KG
(72) Staudenrausch, Martin

Kloos, Daniel
Wiemann, Uwe
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 15.08.2018

(51) A23C 9/15
A01J 11/10
B04B 11/02
A23C 7/00
(11) EP3167721
(21) EP16195359.1
(22) 24.10.2016
(54) METHOD FOR DISCHARGE CONTROL OF A SEPARATOR, AND A SEPARATOR WITH DISCHARGE CONTROL
(73) Tetra Laval Holdings & Finance S.A.
(72) AVERGÅRD, Pontus
ÖLUND, Åke
(74) ir. W.J.J.M. Kempes
(31) 1551472
(32) 13.11.2015
(33) Sweden
(47) 08.08.2018

(51) A23G 3/02
A23G 1/18
A23G 1/46
A23G 1/00
(11) EP3085241
(21) EP16020271.9
(22) 15.07.2016
(54) TEMPERING APPARATUS FOR CHOCOLATE AND CREME MASS
(73) Aasted ApS
(72) Holmud, Dennis
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 25.07.2018

(51) A23G 3/02
F04B 7/06
A23G 3/20
A23G 1/00
A23G 1/20
A23G 3/34
(11) EP2111120
(21) EP08707190.8
(22) 22.01.2008
(54) DEVICE FOR METERING OUT A FLOWABLE MASS
(73) KMB Produktions AG
(72) KNOBEL, Guido
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102007011015
(32) 22.01.2007
(33) Germany
(47) 18.07.2018

(51) A23J 1/00
A23J 1/10
(11) EP3192377
(21) EP16151355.1
(22) 14.01.2016
(54) METHOD FOR PRODUCING PARTLY HYDROLYZED KERATINACEOUS MATERIAL
(73) Tessenderlo Group NV/SA
(72) BELMANS, Marc
DELMOTTE, Matthieu
ROGIERS, Joeri
LOUSSOUARN, Vincent
FILLIÈRES, Romain
(74) drs. W.H.P. Derks
(47) 25.07.2018

(51) A23K 10/00
C12N 1/20
C12N 15/01
C12R 1/07
C12R 1/125
A23L 33/135
(11) EP2836589
(21) EP13717479.3
(22) 11.04.2013
(54) ANTIBIOTIC SENSITIVE BACILLUS STRAINS HAVING ANTIMICROBIAL EFFECT AGAINST E. COLI AND CLOSTRIDIUM PERFRINGENS AND HAVING HIGH SPORULATION CAPACITY
(73) Chr. Hansen A/S
(72) NIELSEN, Beatrice
CANTOR, Mette Dines
STUER-LAURIDSEN, Birgitte
DERKX, Patrick
JOHANSEN, Eric
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 12164087
(32) 13.04.2012
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) A23K 50/00
A01K 51/00
(11) EP3110260
(21) EP15714701.8
(22) 09.03.2015
(54) INTEGRATIVE FUNGAL SOLUTIONS FOR PROTECTING BEES
(73) Stamets, Paul Edward
(72) Stamets, Paul Edward
(74) dr. W.A.H.M. Van Borm
(31) 201461967117 P
201414247207
201462074023 P
201514641432
(32) 10.03.2014
07.04.2014
02.11.2014
08.03.2015
(33) United States of America
United States of America
United States of America
United States of America
(47) 01.08.2018

(51) A23L 3/3454
(11) EP3082455
(21) EP14820785.5
(22) 12.12.2014
(54) USE OF A SWEET WHEY CONTAINING INFANT FORMULA FOR PROMOTING THE POSTNATAL NEURONAL DEVELOPMENT OF THE INFANT GASTROINTESTINAL TRACT, AND THE ESTABLISHMENT OF THE INTESTINAL FUNCTIONS THAT IT CONTROLS
(73) Nestec S.A.
(72) FAURE, Magali
(74) ir. F.A. Geurts c.s.
(31) 13197197
(32) 13.12.2013
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) A23L 7/161
(11) EP2987414
(21) EP13882103.8
(22) 15.04.2013
(54) METHOD FOR PACKAGING WHOLE GRAINS
(73) Dode S.A.
(72) CAMPÀ ANFRUNS, Jordi
MONTAGUT SALA, Salvador
(74) J.M.H. Duyver lic.
(47) 18.07.2018

(51) A23L 27/30
(11) EP3177156
(21) EP15752970.2
(22) 04.08.2015
(54) SWEETENER COMPOSITIONS
(73) Givaudan S.A.
(72) AUGELLI, Jenifer
FURRER, Stefan
VAN OMMEREN, Esther
UNGUREANU, Ioana Maria
(74) ir. C.M. Jansen c.s.
(31) 201462033314 P
(32) 05.08.2014
(33) United States of America
(47) 25.07.2018

(51) A23L 27/30
A23L 27/00
A23L 2/56
A23L 2/60
(11) EP3217813
(21) EP15784281.6
(22) 22.10.2015
(54) COMPOSITION COMPRISING GLUCOSYLATED STEVIOL GLYCOSIDES
(73) ADM WILD Europe GmbH & Co. KG
(72) HEIDEBACH, Thomas
SATTLER, Robert
DE WITH, Axel
SASS, Matthias
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 14003778
(32) 10.11.2014
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) A23L 33/00
A47J 31/40
(11) EP2299851
(21) EP09793926.8
(22) 02.07.2009
(54) PORTION-CONTROLLED NUTRITION SYSTEM AND METHOD USING CAPSULES
(73) Nestec S.A.
(72) MANSER, Daniel, Roland
ROULIN, Anne
STEVEN, Matthew, David
WYSS, Heinz
EPARS, Yann
TRAN, Conchita
(74) ir. F.A. Geurts c.s.
(31) 08159947
(32) 08.07.2008
(33) European Patent Office (EPO)
(47) 22.08.2018

(51) A23L 33/10
A23L 27/00

A23L 27/10
A23L 27/30
(11) EP3000334
(21) EP14003288.9
(22) 23.09.2014
(54) Enzyme modification of sweet blackberry leaves
(73) ADM WILD Europe GmbH & Co. KG
(72) Heidebach, Thomas
de With, Axel
Sass, Matthias
Zeevaart, Jacob
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 15.08.2018

(51) A23L 33/105
(11) EP2440206
(21) EP10725100.1
(22) 10.06.2010
(54) Trigonellin as a muscle stimulant
(73) DSM IP Assets B.V.
(72) FRIEDEL, Angelika
KURATLI, Karin
WEHRLI, Christof
WERTZ, Karin
WOLFRAM, Swen
WANG-SCHMIDT, Ying
(74) ir. W.J.J.M. Kempes
(31) 09162470
09166271
(32) 11.06.2009
23.07.2009
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 18.07.2018

(51) A23P 20/12
A23P 20/18
A23L 29/00
A23L 7/122
A23L 7/143
(11) EP2068645
(21) EP07843453.7
(22) 28.09.2007
(54) GRAIN-BASED FOOD PRODUCT WITH POWDER COATING
(73) THE QUAKER OATS COMPANY
(72) PARSONS, Marcus
LEWIS, Karen
(74) ir. J.M.G. Dohmen c.s.
(31) 528745
(32) 28.09.2006
(33) United States of America
(47) 18.07.2018

(51) A24B 3/12
A24D 1/18
A24B 15/30
(11) EP2767176
(21) EP12839421.0
(22) 12.10.2012
(54) METHOD FOR AUGMENTING COMPONENT PROVIDING SMOKING FLAVOR FOR TOBACCO PRODUCT, TOBACCO RAW MATERIAL, CIGARETTE, AND CIGAR
(73) Japan Tobacco, Inc.
(72) KOBAYASHI, Shinichi
KOMATSU, Masahiro
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011224773
(32) 12.10.2011
(33) Japan
(47) 15.08.2018

(51) A24F 15/18
H02J 7/00
A24F 47/00
(11) EP3180831
(21) EP15738113.8
(22) 20.07.2015
(54) RECHARGEABLE DEVICE WITH SHORT CIRCUIT PREVENTION
(73) Philip Morris Products S.A.
(72) BERNAUER, Dominique
(74) dr. W.A.H.M. Van Borm
(31) 14180991
(32) 14.08.2014
(33) European Patent Office (EPO)
(47) 12.09.2018

(51) A24F 47/00
(11) EP3166426
(21) EP15735972.0
(22) 10.07.2015
(54) AEROSOL-GENERATING SYSTEM COMPRISING CARTRIDGE DETECTION
(73) Philip Morris Products S.A.
(72) BATISTA, Rui Nuno
(74) dr. W.A.H.M. Van Borm
(31) 14176826
(32) 11.07.2014
(33) European Patent Office (EPO)
(47) 12.09.2018

(51) A24F 47/00
(11) EP3183980
(21) EP15202205.9
(22) 22.12.2015
(54) A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM AND AN AEROSOL-GENERATING SYSTEM COMPRISING A CARTRIDGE
(73) Philip Morris Products S.A.
(72) SILVESTRINI, Patrick Charles
WALLER, Judith
(74) dr. W.A.H.M. Van Borm
(47) 08.08.2018

(51) A24F 47/00
(11) EP3195738
(21) EP16155412.6
(22) 12.02.2016
(54) ELECTRONIC CIGARETTE HAVING A CERAMIC VAPORIZER
(73) Zhu, Xiaochun
(72) Zhu, Xiaochun
(74) J.M.H. Duyver lic.
(31) PCT/CN2016/071499
(32) 20.01.2016
(33) World Intellectual Property Office (WIPO)
(47) 19.09.2018

(51) A24F 47/00
(11) EP3206513
(21) EP15778290.5
(22) 08.10.2015
(54) SWITCH FAILURE MONITORING IN AN ELECTRICALLY HEATED SMOKING SYSTEM
(73) Philip Morris Products S.A.
(72) BERNAUER, Dominique
FERNANDO, Felix
(74) dr. W.A.H.M. Van Borm
(31) 14188685
(32) 13.10.2014
(33) European Patent Office (EPO)
(47) 12.09.2018

(51) A45D 26/00
(11) EP2895025
(21) EP13773406.7
(22) 02.09.2013
(54) EPILATING DEVICE HAVING OPEN CONFIGURATION
(73) Koninklijke Philips N.V.
(72) BYUN, Da-Mi
HIETBRINK, Ingrid
PUTZER, Arthur
WALDNER, Roland
STARMANS, Franciscus Jozef Marie
(74) drs. O. Griebling
(31) 201261701751 P
(32) 17.09.2012
(33) United States of America
(47) 08.08.2018

(51) A45D 27/46
(11) EP3133954
(21) EP15725888.0
(22) 23.04.2015
(54) DEVICE FOR CLEANING A WET SHAVING APPARATUS
(73) Carrera Brands Limited
(72) Hug, Peter
(74) ir. P.J. Hylarides c.s.
(31) 102014105673
(32) 23.04.2014
(33) Germany
(47) 18.07.2018

(51) A45F 3/14
A62B 25/00
(11) EP2248440
(21) EP10160181.3
(22) 16.04.2010
(54) Shoulder Strap
(73) Draeger Safety UK Ltd.
(72) Wrigley, Gordon
Townsend, Paul
(74) ir. W.J.J.M. Kempes
(31) 0907751
(32) 06.05.2009
(33) United Kingdom
(47) 18.07.2018

(51) A45F 3/18
B65D 43/02
B65D 43/16
B65D 43/22
B65D 43/26
B65D 47/32
B65D 51/18
A47G 19/22
(11) EP2967239
(21) EP14768170.4
(22) 11.03.2014
(54) DRINK CONTAINERS AND CAP ASSEMBLIES
(73) CamelBak Products, LLC
(72) BLAIN, Christopher, C.
CANEER, Greg
DAVIES, Jeff
(74) dr. A. Krebs
(31) 201361788811 P

201361859695 P
201414203303
(32) 15.03.2013
29.07.2013
10.03.2014
(33) United States of America
United States of America
United States of America
(47) 22.08.2018

(51) A47B 9/04
A47B 9/20
(11) EP3189748
(21) EP16157402.5
(22) 25.02.2016
(54) HEIGHT ADJUSTABLE FRAME PARTS FOR A PIECE OF FURNITURE, IN PARTICULAR A HEIGHT-ADJUSTABLE TABLE LEG, AND HEIGHT-ADJUSTABLE SINGLE OR MULTI-COLUMN TABLE FRAME
(73) Oelschläger Metalltechnik GmbH
(74) ir. P.J. Hylarides c.s.
(31) 202016100040 U
(32) 06.01.2016
(33) Germany
(47) 25.07.2018

(51) A47C 20/04
(11) EP3207828
(21) EP17156511.2
(22) 16.02.2017
(54) FURNITURE DRIVE
(73) DewertOkin GmbH
(72) Koltzenburg, Sascha
Müller, Sven
Müller, Christian
(74) ir. C.G.C. Veldman-Dijkers
(31) 202016100782 U
202016100783 U
(32) 16.02.2016
16.02.2016
(33) Germany
Germany
(47) 26.09.2018

(51) A47C 27/00
A47C 27/15
(11) EP3111807
(21) EP16176633.2
(22) 28.06.2016
(54) MATTRESS FOR A TRUCK CAB MOUNTED BED
(73) Daf Trucks N.V.
(72) Schrover, Lieuwe Petrus Henricus
Sterks, Gerardus Johannes Maria
Roestenburg, Adam
(74) ir. C.M. Jansen c.s.
(31) 2015046
(32) 29.06.2015
(33) Netherlands
(47) 01.08.2018

(51) A47F 3/04
F25D 1/00
(11) EP3003095
(21) EP13726498.2
(22) 29.05.2013
(54) REFRIGERATED SALES FURNITURE
(73) Carrier Corporation
(72) VONBERG, Andrej
FUCHS, Markus
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 15.08.2018

(51) A47G 9/08
(11) EP2967237
(21) EP14719978.0
(22) 14.03.2014
(54) SLEEPING BAG
(73) Exxel Outdoors, LLC
(72) SUMNICHT, Casey
GLAVIN, Michael
(74) ir. C.M. Jansen c.s.
(31) 201361793109 P
(32) 15.03.2013
(33) United States of America
(47) 15.08.2018

(51) A47G 23/08
(11) EP2649912
(21) EP11847644.9
(22) 10.11.2011
(54) HOLDER FOR CONVEYING FOODS AND/OR BEVERAGES
(73) Kura Corporation Ltd.
(72) TANAKA, Kunihiko
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2010274181
(32) 09.12.2010
(33) Japan
(47) 22.08.2018

(51) A47J 19/02
(11) EP3158897
(21) EP16194561.3
(22) 19.10.2016
(54) ELECTRICAL APPLIANCE FOR PREPARING FOOD JUICE BY PRESSING
(73) SANTOS
(72) FOUQUET, Nicolas
GELIN, Cédric
(74) ir. A.R. Aalbers
(31) 1559986
(32) 20.10.2015
(33) France
(47) 08.08.2018

(51) A47J 31/40
A47J 31/41
(11) EP3089636
(21) EP14828359.1
(22) 29.12.2014
(54) SYSTEM FOR PREPARING BEVERAGE CONSUMPTIONS
(73) Koninklijke Douwe Egberts B.V.
(72) DEES, Hendrik Johan
WILKINSON, Craig Martin
GIESEN, Leonardus Henricus Wilhelmus
VERBURG, Pim
NIJLAND, Wouter Plechelmus Bernardus
(74) ir. C.M. Jansen c.s.
(31) 2012046
(32) 03.01.2014
(33) Netherlands
(47) 18.07.2018

(51) A47J 31/42
A47J 42/50
(11) EP3225142
(21) EP17161512.3
(22) 17.03.2017
(54) COFFEE MACHINE
(73) Melitta Europa GmbH & Co. KG
(72) SCHÄFER, Markus
SACHTLEBEN, Andreas
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102016105702
(32) 29.03.2016
(33) Germany
(47) 22.08.2018

(51) A47J 31/44
(11) EP2830468
(21) EP13717999.0
(22) 25.03.2013
(54) FROTH WAND FOR ESPRESSO MAKER
(73) B/E Aerospace, Inc.
(72) KELLY, Luke
DEBALD, Keith, R.
(74) ir. H.J.G. Lips c.s.
(31) 201261615486 P
201313849314
(32) 26.03.2012
22.03.2013
(33) United States of America
United States of America
(47) 03.10.2018

(51) A47J 37/06
(11) EP2988637
(21) EP14731022.1
(22) 23.04.2014
(54) COOKING MACHINE
(73) De'Longhi Appliances S.r.l.
(72) DE' LONGHI, Giuseppe
(74) J.M.H. Duyver lic.
(31) MI20130687
(32) 24.04.2013
(33) Italy
(47) 18.07.2018

(51) A47J 37/08
B65G 15/56
B65G 15/30
A21B 1/46
B65G 15/32
B65G 23/14
(11) EP2816938
(21) EP13752253.8
(22) 22.02.2013
(54) FLEXIBLE CONVEYOR BELT WRAPPER
(73) Advanced Flexible Composites, Inc.
(72) LEWIS, William, James
LEWIS, Marc, W.F.
SWIFT, Malcolm, M.
TERPSTRA, Lambert, Allen
LEWIS, William, Christopher
(74) J.M.H. Duyver lic.
(31) 201261603020 P
(32) 24.02.2012
(33) United States of America
(47) 01.08.2018

(51) A47J 37/12
(11) EP1922965
(21) EP07356157.3
(22) 08.11.2007
(54) Cooking appliance and device for raising and lowering a basket for draining the cooked food
(73) SEB S.A.
(72) Mathey, Olivier
Dirand, Pascal
(74) J.M.H. Duyver lic.
(31) 0609963

(32) 15.11.2006
(33) France
(47) 15.08.2018

(51) A47J 43/07
A47J 43/10
(11) EP2802248
(21) EP12812699.2
(22) 18.12.2012
(54) FOOD PROCESSING TOOL
(73) Kenwood Limited
(72) PENDLETON, Oliver
FARAM, David Stephen
JAYS, Nick
(74) ir. F.A. Geurts c.s.
(31) 201200299
(32) 10.01.2012
(33) United Kingdom
(47) 01.08.2018

(51) A47K 11/02
F23D 14/02
F23D 14/82
F23D 14/70
(11) EP2303083
(21) EP09734856.9
(22) 27.04.2009
(54) AN INCINERATION SYSTEM FOR A TOILET
(73) Sirius Technology AS
(72) ASLAKSEN, Odd Arne
(74) dr. A. Krebs
(31) 20081980
(32) 25.04.2008
(33) Norway
(47) 18.07.2018

(51) A47L 13/258
(11) EP2739198
(21) EP12759254.1
(22) 30.07.2012
(54) IMPROVED MOP BASE
(73) TTS Cleaning s.r.l.
(72) ZORZO, Renato
(31) PD20110260
(32) 03.08.2011
(33) Italy
(47) 18.07.2018

(51) A61B 1/04
A61B 1/06
A61B 17/56
(11) EP2127594
(21) EP08718453.7
(22) 16.01.2008
(54) CABLE-FREE ARTHROENDOSCOPE
(73) Guillén García, Pedro
(72) LÓPEZ HIDALGO, Antonio
GUILLÉN VICENTE, Marta
LÓPEZ HIDALGO, Jesús
LÓPEZ HIDALGO, Miguel A.
GUILLÉN VICENTE, Isabel
GUILLÉN GARCÍA, Pedro
(74) J.M.H. Duyver lic.
(31) 200700166
(32) 19.01.2007
(33) Spain
(47) 25.07.2018

(51) A61B 5/00
A61B 5/145
(11) EP2756303
(21) EP12830997.8
(22) 14.09.2012
(54) MEASUREMENT OF A FLUORESCENT ANALYTE USING TISSUE EXCITATION
(73) The Trustees of Columbia University in the City of New York
(72) BRITTENHAM, Gary, M.
STEPP, Herbert
HENNIG, Georg
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161535064 P
(32) 15.09.2011
(33) United States of America
(47) 22.08.2018

(51) A61B 5/00
A61N 1/372
(11) EP2691015
(21) EP12725297.1
(22) 30.03.2012
(54) MONITORING SYSTEM
(73) medic assist GmbH & Co. KG
(72) MASSMANN, Clemens
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102011001678
(32) 30.03.2011
(33) Germany
(47) 18.07.2018

(51) A61B 5/00
H04R 1/10
H04M 1/24
(11) EP2742700
(21) EP11763763.7
(22) 10.08.2011
(54) METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR COLLECTING EARPIECE DATA FROM A MOBILE TERMINAL
(73) Sony Mobile Communications Inc.
(72) SMAILAGIC, Sead
NILSSON, Jesper
NYSTROM, Martin
(74) ir. C.M. Jansen c.s.
(47) 25.07.2018

(51) A61B 5/0245
A61N 1/362
A61N 1/365
A61N 1/372
A61N 1/39
A61B 5/00
A61B 5/042
A61B 5/11
A61N 1/37
A61B 5/04
A61N 1/368
(11) EP2114244
(21) EP08729181.1
(22) 06.02.2008
(54) SENSING VECTOR SELECTION IN A CARDIAC STIMULUS DEVICE WITH POSTURAL ASSESSMENT
(73) Cameron Health, Inc.
(72) SANGHERA, Rick
ALLAVATAM, Venugopal
(74) ir. H.J.G. Lips c.s.
(31) 672353
(32) 07.02.2007
(33) United States of America
(47) 29.08.2018

(51) A61B 5/0478
A61B 5/00
A61B 5/0408
(11) EP2568878
(21) EP11781310.5
(22) 12.05.2011
(54) DEVICE FEATURES AND DESIGN ELEMENTS FOR LONG-TERM ADHESION
(73) Irhythm Technologies, Inc.
(72) KUMAR, Uday, N.
LIVINGSTON, Peter, H.
DAY, Mark, J.
PARK, Shena, H.
WILLIS, William, F.
RIGHTER, William, H.
(74) dr. W.A.H.M. Van Borm
(31) 334081 P
(32) 12.05.2010
(33) United States of America
(47) 25.07.2018

(51) A61B 5/0488
A61M 16/04
A61N 1/05
A61B 1/267
(11) EP2800509
(21) EP12818693.9
(22) 12.12.2012
(54) CLAMP FOR SECURING A TERMINAL END OF A WIRE TO A SURFACE ELECTRODE
(73) Medtronic Xomed, Inc.
(72) LI, Wenjeng
BENNETT, Steven W.
LITTLE, II, David John
STANISLAUS, Maria Charles Vijay
HACKER, David C.
(74) ir. F.A. Geurts c.s.
(31) 201213343283
(32) 04.01.2012
(33) United States of America
(47) 10.10.2018

(51) A61B 5/055
(11) EP2886052
(21) EP13837210.7
(22) 17.09.2013
(54) MAGNETIC RESONANCE IMAGING DEVICE
(73) Toshiba Medical Systems Corporation
(72) ZHOU, Xiangzhi
MIYAZAKI, Mitsue
HOSHINO, Tsutomu
(74) ir. C.M. Jansen c.s.
(31) 201213618001
(32) 14.09.2012
(33) United States of America
(47) 18.07.2018

(51) A61B 6/03
A61B 6/00
G16H 50/50
G06F 19/00
(11) EP3150126
(21) EP16192895.7
(22) 08.12.2011
(54) GENERATING A SUITABLE MODEL FOR ESTIMATING PATIENT RADIATION DOSE RESULTING FROM MEDICAL IMAGING SCANS

(73) Bayer Healthcare LLC
(72) COUCH, Gregory
COUCH, James
(74) ir. W.J.J.M. Kempes
(31) 420834 P
(32) 08.12.2010
(33) United States of America
(47) 25.07.2018

(51) A61B 17/08
A61B 17/11
A61B 17/00
A61F 2/04
(11) EP2651314
(21) EP11848922.8
(22) 08.12.2011
(54) SYSTEMS FOR BYPASSING AN ANASTOMOSIS SITE
(73) Colospan Ltd.
(72) ASSAF, Boaz
TEICHMAN, Eyal
(74) ir. W.J.J.M. Kempes
(31) 423529 P
201161524343 P
(32) 15.12.2010
17.08.2011
(33) United States of America
United States of America
(47) 18.07.2018

(51) A61B 17/15
A61B 17/00
A61B 17/56
A61B 34/10
(11) EP2538854
(21) EP11747977.4
(22) 23.02.2011
(54) CUSTOMIZED PATIENT-SPECIFIC TIBIAL CUTTING BLOCKS
(73) DePuy Products, Inc.
(72) ARAM, Luke, J.
BUGBEE, William
ENGH, Andrew
MOSKAL, Joseph
PAGNANO, Mark
SWANK, Michael
ROSE, Bryan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 308136 P
(32) 25.02.2010
(33) United States of America
(47) 22.08.2018

(51) A61B 17/17
(11) EP3001963
(21) EP15187739.6
(22) 30.09.2015
(54) UNIVERSAL SURGICAL GUIDE SYSTEMS
(73) Medos International Sarl
(72) ARDITO, Lauren
FERNANDES, Gary
VARIEUR, Michael S.
ZYLKA, Kevin J.
PRESBREY, Scott
BUSCONI, Brian D.
TAYLOR, Dean C.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201414503206
(32) 30.09.2014
(33) United States of America
(47) 29.08.2018

(51) A61B 17/22
A61M 25/01
A61M 25/10
A61B 17/3207
A61B 17/00
A61M 25/00
(11) EP2757984
(21) EP12777963.5
(22) 18.09.2012
(54) SUBINTIMAL RE-ENTRY CATHETER AND RETROGRADE RECANALIZATION
(73) Boston Scientific Scimed, Inc.
(72) ANDERSON, James
(74) ir. A.R. Aalbers
(31) 201161536229 P
(32) 19.09.2011
(33) United States of America
(47) 29.08.2018

(51) A61B 17/24
A61Q 11/00
A61N 1/32
(11) EP2384707
(21) EP11003682.9
(22) 05.05.2011
(54) Tongue cleaning device
(73) Braun GmbH
(72) Schaefer, Norbert
White, Donald James
Gartstein, Vladimir
(31) 331969 P
(32) 06.05.2010
(33) United States of America
(47) 01.08.2018

(51) A61B 17/84
A61M 25/02
A61M 16/04
(11) EP2131905
(21) EP08741907.3
(22) 11.04.2008
(54) DEVICE FOR SUPPORTING AND RETAINING MEDICAL APPLIANCES
(73) ATOS MEDICAL AB
(72) PERSSON, Jan-Ove
(74) ir. H.V. Mertens c.s.
(31) PCT/SE2007/000343
(32) 12.04.2007
(33) World Intellectual Property Office (WIPO)
(47) 05.09.2018

(51) A61B 18/02
B65D 83/30
B65D 83/20
B65D 83/22
(11) EP2925246
(21) EP13818422.1
(22) 19.11.2013
(54) A DISPENSER OF CRYOGENIC SUBSTANCES, AND A PROCESS FOR DISPENSING THE CRYOGENTIC SUBSTANCES
(73) Sixtem Life S.r.l.
(72) OTTANELLI, Luciano
(74) ir. H.Th. van den Heuvel c.s.
(31) MI20122050
(32) 30.11.2012
(33) Italy
(47) 25.07.2018

(51) A61B 18/12
A61B 18/14
A61B 18/00
A61B 18/18
(11) EP2305160
(21) EP10177678.9
(22) 21.11.2005
(54) Fluid-assisted electrosurgical devices, electrosurgical unit with pump and methods of use thereof
(73) Salient Surgical Technologies, Inc.
(72) McClurken, Michael E.
(74) ir. J.M.G. Dohmen c.s.
(31) 630582 P
274908
(32) 23.11.2004
14.11.2005
(33) United States of America
United States of America
(47) 29.08.2018

(51) A61B 18/12
A61B 18/14
A61N 1/36
(11) EP2793725
(21) EP12816590.9
(22) 21.12.2012
(54) APPARATUSES FOR REMODELING TISSUE OF OR ADJACENT TO A BODY PASSAGE
(73) Vessix Vascular, Inc.
(72) MATHUR, Prabodh
NASSIF, Rabih
MOADDEB, Shahram
(74) ir. A.R. Aalbers
(31) 201161580141 P
201261632624 P
201261633154 P
201261743225 P
201261743237 P
201261743238 P
(32) 23.12.2011
27.01.2012
06.02.2012
29.08.2012
29.08.2012
29.08.2012
(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
(47) 05.09.2018

(51) A61B 18/20
A61M 25/01
A61B 17/22
A61M 25/09
A61L 29/04
A61B 18/24
A61M 25/00
(11) EP2765944
(21) EP12840010.8
(22) 12.10.2012
(54) SMALL FLEXIBLE LIQUID CORE CATHETER FOR LASER ABLATION IN BODY LUMENS
(73) RA Medical Systems, Inc.
(72) LAUDENSLAGER, James, B.

IRWIN, Dean, S.
DIAZ, Cesar, M.
(74) ir. C.M. Jansen c.s.
(31) 201161547435 P
(32) 14.10.2011
(33) United States of America
(47) 05.09.2018

(51) A61B 18/22
A61N 5/06
(11) EP3089690
(21) EP15700918.4
(22) 02.01.2015
(54) DEVICE FOR USE OF PHOTODYNAMIC THERAPY
(73) CranioVation, Inc.
(72) AGARWAL, Vijay
BABU, Ranjith
RATCLIFFE, Jack
(74) ir. C.G.C. Veldman-Dijkers
(31) 201461923639 P
(32) 04.01.2014
(33) United States of America
(47) 29.08.2018

(51) A61B 34/10
(11) EP2938284
(21) EP13868283.6
(22) 31.12.2013
(54) METHODS FOR INTERVENTIONAL PROCEDURE PLANNING
(73) Intuitive Surgical Operations, Inc.
(72) DONHOWE, Caitlin Q.
CHOPRA, Prashant
REILEY, Carol
ZHAO, Tao
PANESCU, Dorin
(74) ir. F.A. Geurts c.s.
(31) 201261747920 P
201314144232
(32) 31.12.2012
30.12.2013
(33) United States of America
United States of America
(47) 05.09.2018

(51) A61C 3/02
A61C 8/00
A61B 17/16
(11) EP2689743
(21) EP12760317.3
(22) 20.03.2012
(54) DRILL FOR IMPLANT SURGERY
(73) Innobiosurg
(72) WANG, Je-Won
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20110025532
(32) 22.03.2011
(33) Korea (Republic)
(47) 08.08.2018

(51) A61C 5/68
(11) EP2737872
(21) EP13194769.9
(22) 28.11.2013
(54) Dental container
(73) SDI Limited
(72) Cheetham, Joshua James
(74) ir. G.J.M. Verhees
(31) 2012905260
(32) 30.11.2012
(33) Australia
(47) 25.07.2018

(51) A61C 5/80
A61C 5/85
(11) EP2389134
(21) EP10704238.4
(22) 25.01.2010
(54) DENTAL SEPARATOR FOR PRODUCING DENTAL RESTORATIONS
(73) DENTSPLY SIRONA Inc.
(72) PIERONI, Robert, J.
COSTE, Andrew, J.
(74) ir. C.M. Jansen c.s.
(31) 205796 P
(32) 23.01.2009
(33) United States of America
(47) 01.08.2018

(51) A61C 17/02
A61C 17/22
(11) EP2819614
(21) EP13712872.4
(22) 28.02.2013
(54) DEVICE FOR CLEANING TEETH
(73) Willo 32
(72) DE GENTILE, Jean-Marie
(74) ir. G.J.M. Verhees
(31) 1251879
(32) 01.03.2012
(33) France
(47) 18.07.2018

(51) A61F 2/24
A61F 2/966
(11) EP3213717
(21) EP17158339.6
(22) 28.02.2017
(54) DELIVERY CATHETER AND CATHETER ARRANGEMENT
(73) Biotronik AG
(72) Keller, Mark
Hepke, Markus
Maspoli, Peter
(74) drs. C.H. Mink-Lindenburg
(31) 16158376
(32) 03.03.2016
(33) European Patent Office (EPO)
(47) 19.09.2018

(51) A61F 2/32
A61F 2/04
A61B 17/88
A61F 2/28
A61F 2/30
A61F 2/34
A61B 17/86
(11) EP2385810
(21) EP09831075.8
(22) 02.12.2009
(54) ILIAC CANAL PROSTHESIS
(73) Smith & Nephew, Inc.
(72) RIES, Michael D.
SHEA, Jeffrey Joel
KELMAN, David C.
SHARP, Jeffrey A.
(74) ir. J.D. de Zeeuw
(31) 119210 P
(32) 02.12.2008
(33) United States of America
(47) 18.07.2018

(51) A61F 2/38
A61F 2/30
(11) EP2528546
(21) EP11737728.3
(22) 28.01.2011
(54) CRUCIATE-RETAINING KNEE PROSTHESIS
(73) Smith & Nephew, Inc.
(72) LENZ, Nathaniel, M.
SMITH, Richard, Michael
WILKINSON, Zachary, Christopher
MCKINNON, Brian, W.
SALEHI, Abraham, B.
NELSEN, Jonathan, Kirk
RIES, Michael, D.
JERRY, Gerald, J.
(74) ir. J.D. de Zeeuw
(31) 382287 P
299835 P
372556 P
(32) 13.09.2010
29.01.2010
11.08.2010
(33) United States of America
United States of America
United States of America
(47) 25.07.2018

(51) A61F 9/007
A61B 17/32
(11) EP2674137
(21) EP13184138.9
(22) 20.05.2008
(54) System for transverse phacoemulsification
(73) Johnson & Johnson Surgical Vision, Inc.
(72) Steen, Mark, E.
Raney, Rob
Muri, John, I.
Bromfield, George
(74) mr.ir. F.N. Ferro
(31) 753554
(32) 24.05.2007
(33) United States of America
(47) 19.09.2018

(51) A61F 9/008
A61B 3/10
(11) EP2968000
(21) EP14710171.1
(22) 26.02.2014
(54) LASER EYE SURGERY SYSTEM
(73) Optimedica Corporation
(72) SCHUELE, Georg
GOODING, Phillip
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361780736 P
(32) 13.03.2013
(33) United States of America
(47) 15.08.2018

(51) A61F 13/02
(11) EP2337539
(21) EP09777990.4
(22) 20.08.2009
(54) HOT COMPRESS
(73) Beiersdorf AG
(72) WÖLLER, Karl-Heinz
NEMEC, Dominik
ERISMIS, Harun
(74) ir. F.A. Geurts c.s.
(31) 102008048327
(32) 15.09.2008

(33) Germany
(47) 25.07.2018

(51) A61F 13/15
A61F 13/472
A61F 13/49
(11) EP2394620
(21) EP10738442.2
(22) 27.01.2010
(54) APPARATUS FOR MANUFACTURING AN ABSORBING BODY AND METHOD OF MANUFACTURING AN AIR PERMEABLE MEMBER
(73) Unicharm Corporation
(72) ISHIKAWA, Masahiko
(74) J.M.H. Duyver lic.
(31) 2009025228
(32) 05.02.2009
(33) Japan
(47) 12.09.2018

(51) A61F 13/15
A61F 13/472
A61F 13/534
A61F 13/535
A61F 13/539
(11) EP3042639
(21) EP14840443.7
(22) 02.07.2014
(54) ABSORBENT PRODUCT
(73) Kao Corporation
(72) ISHIKAWA, Takehiro
KIMURA, Mayumi
OKU, Shogo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013181675
(32) 02.09.2013
(33) Japan
(47) 05.09.2018

(51) A61F 13/15
A61F 13/49
(11) EP2356959
(21) EP09826090.4
(22) 11.11.2009
(54) METHOD OF MANUFACTURING ABSORPTIVE ARTICLE AND DEVICE FOR MANUFACTURING ABSORPTIVE ARTICLE
(73) Unicharm Corporation
(72) YAMAMOTO, Hiroki
MATSUMOTO, Yoshihiko
(74) ir. J.D. de Zeeuw
(31) 2008289310
(32) 11.11.2008
(33) Japan
(47) 15.08.2018

(51) A61F 13/42
A61F 13/84
(11) EP3260096
(21) EP16175476.7
(22) 21.06.2016
(54) WETNESS NOTIFICATION SYSTEM
(73) I-DING MEDICAL EQUIPMENT CO. LTD.
(72) CHEN, Hung-Chi
(74) mr. dr. H.D. Dokter
(47) 01.08.2018

(51) A61F 13/494
A61F 13/515
A61F 13/15
(11) EP2983631
(21) EP14723241.7
(22) 03.04.2014
(54) ABSORBENT ARTICLES WITH BARRIER LEG CUFFS
(73) The Procter & Gamble Company
(72) BERRIZBEITIA, Jose, Mauricio
BIANCHI, Ernesto, Gabriel
FRAZER, Andrea, Marie
(31) 201361809519 P
(32) 08.04.2013
(33) United States of America
(47) 01.08.2018

(51) A61F 13/496
(11) EP2849708
(21) EP13790190.6
(22) 25.04.2013
(54) ABSORBENT ARTICLE HAVING CHARACTERISTIC WAIST END
(73) The Procter & Gamble Company
(72) MORIMOTO, Koichi
YONEMURA, Katsuhiro
LAVON, Gary Dean
(31) PCT/CN2012/075490
(32) 15.05.2012
(33) World Intellectual Property Office (WIPO)
(47) 01.08.2018

(51) A61G 7/057
(11) EP2892488
(21) EP13765577.5
(22) 06.09.2013
(54) LOW-AIR-LOSS (LAL) PATIENT SUPPORT APPARATUSES
(73) Huntleigh Technology Limited
(72) VRZALIK, John, H.
PHILLIPS, Bruce
HONG, K.Z.
(74) mr. ir. J. van Breda c.s.
(31) 201261698039 P
(32) 07.09.2012
(33) United States of America
(47) 25.07.2018

(51) A61J 1/10
A61J 1/14
A61M 5/148
(11) EP2545894
(21) EP12188251.8
(22) 16.03.2009
(54) Flexible container with insert part
(73) F. Hoffmann-La Roche AG
(72) Haueter, Ulrich
Wyss, Martin
Kühni, Florian
(74) ir. C.M. Jansen c.s.
(47) 15.08.2018

(51) A61K 9/00
A61F 2/00
G02C 7/04
(11) EP1706094
(21) EP04814801.9
(22) 17.12.2004
(54) TREATMENT OF OPHTHALMIC CONDITIONS
(73) Osio Corp.
(72) OSIO SANCHO, Alberto
(74) ir. W.J.J.M. Kempes
(31) PA03011987
(32) 19.12.2003
(33) Mexico
(47) 18.07.2018

(51) A61K 9/00
A61K 9/08
A61K 31/7004
A61K 45/06
A61K 47/12
A61K 47/26
A61K 31/19
A61K 31/485
(11) EP3003268
(21) EP14727848.5
(22) 05.06.2014
(54) STABLE ORAL SOLUTIONS FOR COMBINED API
(73) Pharnext
(72) COHEN, Daniel
CHUMAKOV, Ilya
NABIROCHKIN, Serguei
BERTRAND, Viviane
(74) J.M.H. Duyver lic.
(31) 13170583
(32) 05.06.2013
(33) European Patent Office (EPO)
(47) 25.07.2018

(51) A61K 9/00
A61K 31/522
A61P 11/06
A61P 37/08
(11) EP2734186
(21) EP12740119.8
(22) 19.07.2012
(54) COMPOSITION
(73) GlaxoSmithKline LLC
(72) AMBERY, Claire Louise
EDWARDS, Christopher David
(74) ir. F.A. Geurts c.s.
(31) 201161510624 P
(32) 22.07.2011
(33) United States of America
(47) 12.09.2018

(51) A61K 9/14
A61K 9/16
A61K 9/20
A61K 31/00
(11) EP2954892
(21) EP15176068.3
(22) 09.06.2011
(54) SOLID COMPOSITIONS
(73) AbbVie Ireland Unlimited Company
(72) LIEPOLD, Bernd
JUNG, Tina
HOLIG, Peter
SCHROEDER, Rudolf
SEVER, Nancy E.
LAFOUNTAINE, Justin
SINCLAIR, Brent D.
GAO, Yi
WU, Jianwei
ERICKSON, Bryan K.
KULLMANN, Simon
WESTEDT, Ulrich
PAULI, Mirko
HEITERMANN, Tanja
KOENIG, Renato
THIEL, Madlen
WOEHRLE, Gerd
(74) ir. M.F.J.M. Ketelaars c.s.

(31) 813301
353553 P
(32) 10.06.2010
10.06.2010
(33) United States of America
United States of America
(47) 18.07.2018

(51) A61K 9/14
A61K 9/70
C08L 67/04
(11) EP3108881
(21) EP16178875.7
(22) 30.03.2012
(54) NONWOVEN MEMBRANE AS A DRUG DELIVERY SYSTEM
(73) Hospital Sant Joan de Deu
Universitat Politécnica De Catalunya
(72) Tornero Garcia, Jose Antonio
Montero Carcaboso, Angel
Bertran Llavina, Joan
(74) J.M.H. Duyver lic.
(47) 25.07.2018

(51) A61K 9/20
A61K 9/48
A61K 31/4184
A61P 35/00
A61P 43/00
(11) EP2886118
(21) EP14832164.9
(22) 31.07.2014
(54) PHARMACEUTICAL PREPARATION COMPRISING AMINOPYRAZOLE DERIVATIVE
(73) Chugai Seiyaku Kabushiki Kaisha
(72) NIHIRA, Jun
OKAZAKI, Kensuke
YOSHIMURA, Shiho
(74) J.M.H. Duyver lic.
(31) 2013159521
(32) 31.07.2013
(33) Japan
(47) 05.09.2018

(51) A61K 9/20
A61K 38/11
A61P 15/00
(11) EP3200773
(21) EP15813589.7
(22) 29.09.2015
(54) ORALLY DISINTEGRATING SOLID PHARMACEUTICAL DOSAGE UNIT CONTAINING A PARTUS CONTROL SUBSTANCE
(73) Oxytone Bioscience B.V.
(72) PLATTEEUW, Johannes Jan
COELINGH BENNINK, Herman Jan Tijmen
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 14187346
(32) 01.10.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) A61K 9/48
A61K 9/20
(11) EP2007362
(21) EP07760105.2
(22) 04.04.2007
(54) ORAL DOSAGE FORMS INCLUDING AN ANTIPLATELET AGENT AND AN ACID INHIBITOR
(73) KG Acquisition LLC
(72) GOLDSMITH, Mark, A.
VADAS, Elizabeth
(74) ir. F.A. Geurts c.s.
(31) 789543 P
812326 P
(32) 04.04.2006
09.06.2006
(33) United States of America
United States of America
(47) 05.09.2018

(51) A61K 9/48
A61K 39/12
A61P 35/00
A61K 39/02
A61K 9/50
(11) EP2830599
(21) EP13769010.3
(22) 14.03.2013
(54) GASTROINTESTINAL SITE-SPECIFIC ORAL VACCINATION FORMULATIONS ACTIVE ON THE ILEUM AND APPENDIX
(73) THERABIOME, LLC
(72) SCHENTAG, Jerome, J.
KABADI, Mohan
(74) dr. A. Ellens c.s.
(31) 201261617367 P
(32) 29.03.2012
(33) United States of America
(47) 15.08.2018

(51) A61K 31/00
A61K 31/519
A61K 31/497
A61K 45/06
A61P 35/02
(11) EP3110409
(21) EP15710994.3
(22) 27.02.2015
(54) JAK1 INHIBITORS FOR THE TREATMENT OF MYELODYSPLASTIC SYNDROMES
(73) Incyte Corporation
(72) VADDI, Krishna
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201461946124 P
(32) 28.02.2014
(33) United States of America
(47) 15.08.2018

(51) A61K 31/198
A61K 31/519
C07D 487/04
(11) EP3034075
(21) EP15191241.7
(22) 19.11.2007
(54) IMIDAZOTRIAZINES AND IMIDAZOPYRIMIDINES AS KINASE INHIBITORS
(73) Incyte Holdings Corporation
(72) ZHUO, Jincong
METCALF, Brian
XU,Meizhong
HE, Chunhong
ZHANG, Colin
QIAN, Ding-quan
BURNS, David M.
LI, Yunlong
YAO, Wenqing
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 860840 P
861459 P
957236 P
(32) 22.11.2006
29.11.2006
22.08.2007
(33) United States of America
United States of America
United States of America
(47) 25.07.2018

(51) A61K 31/20
(11) EP3091973
(21) EP14796306.0
(22) 03.11.2014
(54) LIPID COMPOSITION FOR IMPROVING BODY COMPOSITION DURING CATCH-UP GROWTH
(73) N.V. Nutricia
(72) VAN DER BEEK, Eline Marleen
ABRAHAMSE-BERKEVELD, Marieke
TELLER, Inga Christiane
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 13191300
(32) 01.11.2013
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) A61K 31/20
A61K 31/201
A61K 31/202
A61P 1/16
A61P 3/04
A61P 3/06
A61P 3/10
A23K 20/158
A23L 33/12
(11) EP2913051
(21) EP13850683.7
(22) 14.10.2013
(54) METABOLISM-IMPROVING AGENT COMPRISING RARE FATTY ACID
(73) Kyoto University
Nitto Pharmaceutical Industries, Ltd.
(72) OGAWA, Jun
KISHINO, Shigenobu
PARK, Si-Bum
KAWADA, Teruo
TAKAHASHI, Nobuyuki
GOTO, Tsuyoshi
KIM, Hidekazu
SUGAWARA, Tatsuya
HIRATA, Takashi
YONEJIMA, Yasunori
(74) ir. H.V. Mertens c.s.
(31) 2012237933
(32) 29.10.2012
(33) Japan
(47) 19.09.2018

(51) A61K 31/28
A61K 9/00
A61K 47/54
A61K 9/127
A61K 33/24
(11) EP2252304
(21) EP09708680.5
(22) 06.02.2009
(54) PLATINUM AGGREGATES AND PROCESS FOR PRODUCING THE SAME

(73) Transave, Inc.
(72) LEE, Jin, K.
MILLER, Brian, S.
WU, Fangjun
BONI, Lawrence, T.
MALININ, Vladimir
(74) J.M.H. Duyver lic.
(31) 27752
(32) 07.02.2008
(33) United States of America
(47) 18.07.2018

(51) A61K 31/343
A61K 31/366
A61P 21/00
A61K 31/35
A61K 31/353
A61K 31/352
A23K 20/10
(11) EP2485740
(21) EP10822363.7
(22) 08.10.2010
(54) METHODS FOR PREVENTING OR TREATING SARCOPENIA AND MUSCLE ATROPHY IN ANIMALS
(73) Nestec S.A.
(72) PAN, Yuanlong
KOCHHAR, Sunil
REZZI, Serge, André, Dominique
MARTIN, Françoise-Pierre
PERE-TREPAT, Emma
COLLINO, Sebastiano
ARCE VERA, Francia
(74) ir. F.A. Geurts c.s.
(31) 278633 P
(32) 09.10.2009
(33) United States of America
(47) 29.08.2018

(51) A61K 31/415
A61P 33/14
A61K 9/00
A01N 43/56
A01K 13/00
A01K 27/00
(11) EP2883545
(21) EP14199863.3
(22) 09.06.2008
(54) Control of ectoparasites
(73) Bayer Animal Health GmbH
(72) Crawford, Michael J.
(74) ir. W.J.J.M. Kempes
(31) 942651 P
(32) 07.06.2007
(33) United States of America
(47) 18.07.2018

(51) A61K 31/4188
A61K 31/714
A61K 36/81
A61K 36/899
A61K 38/01
A61K 31/198
A61K 36/48
A23L 33/00
A23L 33/17
A23L 33/175
A23L 33/18
A23L 33/185
A23L 33/19
A23L 13/40
A23L 13/60
A23L 23/10
A61K 38/02
(11) EP1771192
(21) EP05762926.3
(22) 18.07.2005
(54) USE OF ASPARTATE FOR REGULATING GLUCOSE LEVELS IN BLOOD
(73) N.V. Nutricia
(72) HAGEMAN, Robert, Johan, Joseph
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 04077100
588793 P
04077359
(32) 19.07.2004
19.07.2004
20.08.2004
(33) European Patent Office (EPO)
United States of America
European Patent Office (EPO)
(47) 12.09.2018

(51) A61K 31/428
A61K 31/575
A61K 9/00
A61P 25/00
A61P 25/16
A61P 25/28
(11) EP3016654
(21) EP13747521.6
(22) 01.07.2013
(54) TAUROURSODEOXYCHOLIC ACID (TUDCA) FOR USE IN THE TREATMENT OF NEURODEGENERATIVE DISORDERS
(73) Bruschettini S.r.l.
(72) RINALDI, Gilberto
(74) J.M.H. Duyver lic.
(47) 05.09.2018

(51) A61K 31/437
A61K 31/4545
A61K 31/444
A61K 31/5377
A61P 35/00
(11) EP3007694
(21) EP14761286.5
(22) 13.06.2014
(54) PYRAZOLOPYRIDINE DERIVATIVES FOR USE IN THE TREATMENT OF BLADDER CANCER
(73) SANOFI
(72) ALCOUFFE, Chantal
(74) ir. W.J.J.M. Kempes
(31) 1355578
(32) 14.06.2013
(33) France
(47) 18.07.2018

(51) A61K 31/485
A61P 29/02
A61K 9/00
(11) EP2611445
(21) EP11758027.4
(22) 02.09.2011
(54) HIGH DOSE BUPRENORPHINE COMPOSITIONS AND USE AS ANALGESIC
(73) Zoetis Belgium S.A.
(72) RICHARDSON, Rachel A.
LUANGDILOK, Carmela H.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 379996 P
(32) 03.09.2010
(33) United States of America
(47) 15.08.2018

(51) A61K 31/5585
A61K 35/28
C12N 5/078
(11) EP2663313
(21) EP12700137.8
(22) 13.01.2012
(54) METHOD FOR ENHANCING ENGRAFTMENT OF HAEMATOPOETIC STEM CELLS
(73) SciPharm S.à r.l.
(72) FREISSMUTH, Michael
ZEBEDIN-BRANDL, Eva-Maria
BERGMAYR, Christian
HUSSAIN, Filza
(74) ir. J.D. de Zeeuw
(31) 11150835
(32) 13.01.2011
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) A61K 31/7088
C12N 15/113
(11) EP3305302
(21) EP17203913.3
(22) 17.06.2010
(54) COMPOSITIONS AND METHODS FOR MODULATION OF SMN2 SPLICING IN A SUBJECT
(73) Biogen MA Inc.
Cold Spring Harbor Laboratory
(72) BENNETT, C. Frank
HUNG, Gene
RIGO, Frank
KRAINER, Adrian R.
HUA, Yimin
PASSINI, Marco A.
SHIHABUDDIN, Lamya
CHENG, Seng H.
KLINGER, Katherine W.
(74) ir. W.J.J.M. Kempes
(31) 218031 P
(32) 17.06.2009
(33) United States of America
(47) 19.09.2018

(51) A61K 35/12
A61F 2/02
B41J 2/05
(11) EP2943205
(21) EP14737751.9
(22) 14.01.2014
(54) TISSUE ARRAY PRINTING
(73) Scripps Health
(72) COLWELL, Clifford
D'LIMA, Darryl
(74) dr. A. Krebs
(31) 201361752372 P
201361785178 P
(32) 14.01.2013
14.03.2013
(33) United States of America
United States of America
(47) 22.08.2018

(51) A61K 35/55
(11) EP2244717

(21) EP08856937.1
(22) 28.11.2008
(54) ACTIVITY OF RECOMBINANT EQUINE FOLLICLE STIMULATING HORMONE
(73) AspenBio Pharma, Inc.
(72) COLGIN, Mark
BOIME, Irving
ROSER, Janet
NISWENDER, Kory
(74) ir. J.M.G. Dohmen c.s.
(31) 991297 P
(32) 30.11.2007
(33) United States of America
(47) 01.08.2018

(51) A61K 38/17
A61K 38/13
A61K 31/436
A61P 37/06
A61K 45/06
A61K 38/51
(11) EP2968457
(21) EP14721085.0
(22) 13.03.2014
(54) FACTOR H FOR TRANSPLANTATION
(73) Baxalta Incorporated
Baxalta GmbH
(72) JOHNSON, Richard
ZHANG, Jenny, Zheng
(74) mr.ir. F.N. Ferro
(31) 201361785977 P
(32) 14.03.2013
(33) United States of America
(47) 29.08.2018

(51) A61K 38/17
A61K 38/49
A61P 25/00
A61P 9/10
A61M 31/00
(11) EP2723363
(21) EP12802409.8
(22) 23.06.2012
(54) COMBINATION THERAPY FOR ISCHEMIA
(73) NoNO Inc.
(72) TYMIANSKI, Michael
(74) dr. W.A.H.M. Van Borm
(31) 201161501117 P
201261617001 P
(32) 24.06.2011
28.03.2012
(33) United States of America
United States of America
(47) 29.08.2018

(51) A61K 38/21
A61K 38/37
A61K 39/00
C12Q 1/68
C07K 14/755
A61K 47/50
C12Q 1/6883
A61K 47/68
(11) EP2802668
(21) EP13735995.6
(22) 12.01.2013
(54) REDUCING IMMUNOGENICITY AGAINST FACTOR VIII IN INDIVIDUALS UNDERGOING FACTOR VIII THERAPY
(73) Bioverativ Therapeutics Inc.
Puget Sound Blood Center
(72) JIANG, Haiyan
LIU, Tongyao
KRISHNAMOORTHY, Sriram
JOSEPHSON, Neil
GLENN, Pierce
(74) ir. W.J.J.M. Kempes
(31) 201261586103 P
201261668961 P
(32) 12.01.2012
06.07.2012
(33) United States of America
United States of America
(47) 01.08.2018

(51) A61K 38/48
C12N 9/64
C12N 9/52
C12N 9/96
A61P 29/00
(11) EP2903635
(21) EP13771540.5
(22) 04.10.2013
(54) USE OF CLOSTRIDIUM TOXIN DERIVATIVES FOR THE TREATMENT OF PAIN
(73) Dublin City University
(72) DOLLY, James Oliver
WANG, Jiafu
MENG, Jianghui
(74) ir. W.J.J.M. Kempes
(31) 12187163
201213644386
(32) 04.10.2012
04.10.2012
(33) European Patent Office (EPO)
United States of America
(47) 18.07.2018

(51) A61K 39/00
A61K 39/395
A61P 19/02
A61P 29/00
A61P 37/06
C07K 14/00
C07K 16/28
(11) EP2968491
(21) EP14717310.8
(22) 12.03.2014
(54) PROTEINS SPECIFIC FOR BAFF AND B7RP1 AND USES THEREOF
(73) Amgen Inc.
(72) HSU, Hailing
ZHANG, Ming
KANNAN, Gunasekaran
JACOBSEN, Frederick W.
TSUJI, Wayne
(74) ir. C.M. Jansen c.s.
(31) 201361780260 P
201461942776 P
(32) 13.03.2013
21.02.2014
(33) United States of America
United States of America
(47) 18.07.2018

(51) A61K 39/02
A61K 39/12
A61P 31/14
A61P 31/04
(11) EP3076997
(21) EP14808935.2
(22) 02.12.2014
(54) SWINE VACCINE AGAINST PRRS AND LAWSONIA INTRACELLULARIS
(73) Intervet International B.V.
(72) DREXLER, Christa
JACOBS, Antonius Arnoldus Christiaan
(74) J.J.L. Mestrom
(31) 13195529
(32) 03.12.2013
(33) European Patent Office (EPO)
(47) 29.08.2018

(51) A61K 39/295
A61K 39/145
C07K 19/00
A61P 31/16
A61K 39/00
A61K 39/12
C12N 7/00
(11) EP2956168
(21) EP14751295.8
(22) 14.02.2014
(54) POLYVALENT FUSION PROTEIN VACCINE AGAINST INFLUENZA
(73) Obshchestvo s Organichennoy Otvetstvennostyu "Aktivnye Biosistemy" (OOO "ABS")
(72) DUKHOVLINOV, Ilya Vladimirovich
ORLOV, Anton Iosifovich
TSYBALOVA, Ljudmila Markovna
KISELEV, Oleg Ivanovich
(74) ir. W.J.J.M. Kempes
(31) 2013107777
(32) 15.02.2013
(33) Russian Federation
(47) 25.07.2018

(51) A61K 39/395
A61K 38/20
A61P 35/00
A61P 31/06
A61K 39/00
C07K 16/24
(11) EP2750709
(21) EP12834301.9
(22) 21.09.2012
(54) CACHEXIA TREATMENT
(73) XBiotech, Inc
(72) SIMARD,John
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161538309 P
(32) 23.09.2011
(33) United States of America
(47) 15.08.2018

(51) A61K 39/395
C07K 16/28
C07K 14/705
C07K 14/475
C12N 15/12
A61P 35/00
(11) EP3009148
(21) EP15178099.6
(22) 02.07.2008
(54) COMPOSITIONS AND METHODS FOR TREATING AND DIAGNOSING CANCER
(73) Oncomed Pharmaceuticals, Inc.
(72) GURNEY, Austin
(74) ir. F.A. Geurts c.s.

(31) 947611 P
(32) 02.07.2007
(33) United States of America
(47) 22.08.2018

(51) A61K 45/06
(11) EP3191477
(21) EP15766218.0
(22) 11.09.2015
(54) FUSED BICYCLIC (HETERO)AROMATIC COMPOUNDS USEFUL FOR THE TREATMENT OF CANCERS
(73) Redx Pharma Plc
(72) BINGHAM, Matilda
TESTAR, Richard
GIGNOUX, Camille
(74) dr. A. Krebs
(31) 201416186
(32) 12.09.2014
(33) United Kingdom
(47) 18.07.2018

(51) A61K 47/00
A61P 35/00
A61K 9/00
A61K 31/00
C12N 15/00
(11) EP3011974
(21) EP15182208.7
(22) 01.06.2012
(54) ANTI-NUCLEOLIN AGENT-CONJUGATED NANOPARTICLES
(73) University Of Louisville Research Foundation, Inc.
(72) BATES, Paula J
MALIK, Mohammad Tariq
KANG, Kyung A
(74) ir. F.A. Geurts c.s.
(31) 201161492683 P
(32) 02.06.2011
(33) United States of America
(47) 08.08.2018

(51) A61K 47/02
A61F 6/14
A61P 15/18
(11) EP2806893
(21) EP13702817.1
(22) 22.01.2013
(54) A DRUG DELIVERY SYSTEM
(73) Bayer Oy
(72) LYYTIKÄINEN, Heikki
JUKARAINEN, Harri
(74) ir. W.J.J.M. Kempes
(31) 20125069
(32) 23.01.2012
(33) Finland
(47) 18.07.2018

(51) A61K 47/18
A61K 9/107
(11) EP2874661
(21) EP13747451.6
(22) 17.07.2013
(54) USE OF A CREAM THAT PROTECTS AGAINST THE EFFECTS OF AGGRESSIVE CHEMICAL AGENTS IN CONTACT WITH THE SKIN
(73) PREVOR INTERNATIONAL
(72) BLOMET, Joël
MATHIEU, Laurence
MEYER, Marie-Claude
(74) J.M.H. Duyver lic.
(31) 1256939
(32) 18.07.2012
(33) France
(47) 08.08.2018

(51) A61K 47/32
A61K 9/20
A61K 31/135
(11) EP2838512
(21) EP13716298.8
(22) 16.04.2013
(54) TAMPER RESISTANT AND DOSE-DUMPING RESISTANT PHARMACEUTICAL DOSAGE FORM
(73) Grünenthal GmbH
(72) WENING, Klaus
BARNSCHEID, Lutz
SCHWIER, Sebastian
(74) ir. W.J.J.M. Kempes
(31) 12002708
(32) 18.04.2012
(33) European Patent Office (EPO)
(47) 22.08.2018

(51) A61K 51/12
A61K 103/00
A61K 103/20
A61K 103/32
A61P 35/00
(11) EP3062828
(21) EP14827409.5
(22) 30.10.2014
(54) RADIOACTIVE MICROSPHERES MADE OF NANOPOROUS GLASS FOR RADIATION THERAPY
(73) Fritz, Eberhard
(72) Fritz, Eberhard
(74) ir. F.A. Geurts c.s.
(31) 102013018685
(32) 01.11.2013
(33) Germany
(47) 15.08.2018

(51) A61L 29/06
(11) EP2219698
(21) EP08865704.4
(22) 19.12.2008
(54) CROSS-LINKED POLYMERS IN MEDICAL DEVICES
(73) Abbott Laboratories Vascular Enterprises Limited
(72) GÜNTER, Lorenz
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 07024954
(32) 21.12.2007
(33) European Patent Office (EPO)
(47) 22.08.2018

(51) A61M 1/16
(11) EP2783712
(21) EP14157542.3
(22) 08.05.2006
(54) Dialysis machine
(73) Quanta Dialysis Technologies Limited
(72) Heyes, Keith
(74) J.M.H. Duyver lic.
(31) 0509330
0518175
0603729
(32) 06.05.2005
07.09.2005
24.02.2006
(33) United Kingdom
United Kingdom
United Kingdom
(47) 25.07.2018

(51) A61M 5/00
A61M 5/31
(11) EP2506891
(21) EP10834871.5
(22) 03.12.2010
(54) SELF-INJECTION DEVICE WITH MULTI-POSITION CAP
(73) Becton, Dickinson and Company
(72) CRONENBERG, Richard
JETER, Ruane
(74) ir. C.M. Jansen c.s.
(31) 266697 P
(32) 04.12.2009
(33) United States of America
(47) 01.08.2018

(51) A61M 5/142
(11) EP2340860
(21) EP10015123.2
(22) 30.11.2010
(54) Ambulatory infusion device with variable energy storage testing and method for testing an energy storage
(73) F.Hoffmann-La Roche AG
(72) Rufer, Thomas
Aeschlimann, Reto
(74) ir. C.M. Jansen c.s.
(31) 09016038
(32) 28.12.2009
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) A61M 5/142
A61M 1/00
A61F 9/007
F04B 43/12
(11) EP2079931
(21) EP07863983.8
(22) 06.11.2007
(54) EYE TREATMENT SYSTEM WITH FLUIDICS PUMP INTERFACE
(73) Abbott Medical Optics Inc.
(72) MURI, John I.
EDWARDS, Craig
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 558416
(32) 09.11.2006
(33) United States of America
(47) 15.08.2018

(51) A61M 5/158
A61B 5/00
A61M 5/168
(11) EP2830488
(21) EP13872336.6
(22) 13.03.2013
(54) GEOMETRY OF A TRANSCUTANEOUS SENSOR
(73) Ivwatch, LLC
(72) WARREN, Gary, P.
ALLEY, Matthew, S.
ANCHELL, Scott, J.
NARAMORE, William, J.
BONNEMA, Garret, T.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361755273 P

(32) 22.01.2013
(33) United States of America
(47) 15.08.2018

(51) A61M 5/32
A61M 37/00
(11) EP2817047
(21) EP13716870.4
(22) 23.02.2013
(54) DEVICES FOR TARGETED DELIVERY OF THERAPEUTIC IMPLANTS
(73) UNL Holdings LLC
(72) SHETTY, Gautam N.
WEIR, Aaron M.
BRANDT, Christian P.
CASTAGNA, Lou
BRENNER, Tod H.
(74) ir. W.J.J.M. Kempes
(31) 201261602277 P
201261639898 P
201261667010 P
201261677186 P
201361767369 P
(32) 23.02.2012
28.04.2012
02.07.2012
30.07.2012
21.02.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 18.07.2018

(51) A61M 5/32
C08L 65/00
A61M 5/158
C08L 71/00
C08L 81/06
(11) EP2547383
(21) EP11708476.4
(22) 16.03.2011
(54) IMPROVED NEEDLES MADE OF A PARTICULAR PLASTIC MATERIAL
(73) Solvay Specialty Polymers USA, L.L.C.
(72) BONNADIER, Jean-Baptiste
IRELAND, Daniel, J.
MASSILLON, Henri
(74) ir. W.J.J.M. Kempes
(31) 10162490
10158123
314613 P
(32) 11.05.2010
29.03.2010
17.03.2010
(33) European Patent Office (EPO)
European Patent Office (EPO)
United States of America
(47) 18.07.2018

(51) A61M 5/50
A61M 5/31
A61M 5/32
(11) EP3038683
(21) EP14758114.4
(22) 27.08.2014
(54) SAFETY DEVICE FOR A MEDICAMENT CONTAINER
(73) SANOFI
(72) DARRAS, David
CANEPA, Fabien
SERRE, Bruno
MAZZOLINI, Jacky
(74) ir. W.J.J.M. Kempes
(31) 13306179
(32) 29.08.2013
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) A61M 15/00
(11) EP2343096
(21) EP10012995.6
(22) 07.04.2000
(54) Aerosol medication delivery apparatus with a mouthpiece
(73) Trudell Medical International
(72) Schmidt, James
Grychowski, Jerry
Engelbreth, Daniel K.
Morton, Robert
Foley, Martin P.
(74) ir. H.V. Mertens c.s.
(31) 287997
(32) 07.04.1999
(33) United States of America
(47) 12.09.2018

(51) A61M 16/04
(11) EP2585153
(21) EP11728656.7
(22) 24.06.2011
(54) STOPPER DEVICE
(73) Ashkal Developments Limited
(72) NASIR, Muhammed
JASSELL, Surinderjit
(74) dr. A. Krebs
(31) 201010647
(32) 24.06.2010
(33) United Kingdom
(47) 18.07.2018

(51) A61M 16/04
(11) EP2627387
(21) EP11782456.5
(22) 06.10.2011
(54) ARTIFICIAL AIRWAY DEVICE
(73) Teleflex Life Sciences Unlimited Company
(72) BRAIN, Archibald Ian Jeremy
(74) ir. H.J.G. Lips c.s.
(31) 201115456
201017453
(32) 07.09.2011
15.10.2010
(33) United Kingdom
United Kingdom
(47) 15.08.2018

(51) A61M 25/01
(11) EP2956196
(21) EP14710671.0
(22) 31.01.2014
(54) RE-ENTRY CATHETERS AND RELATED METHODS
(73) Invatec S.p.A.
(72) COPETA, Luca
GUALA, Carlo
MORERO, Massimo
SILVESTRO, Claudio
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201313764837
(32) 12.02.2013
(33) United States of America
(47) 22.08.2018

(51) A61N 1/05
(11) EP2741809
(21) EP12766193.2
(22) 10.08.2012
(54) METHOD FOR COATING DEVICES USING ELECTROSPINNING AND MELT BLOWING
(73) Cardiac Pacemakers, Inc.
(72) ARNHOLT, Devon N.
PAGORIA, Douglas D.
POLKINGHORNE, Jeannette C.
(74) ir. H.J.G. Lips c.s.
(31) 201161523069 P
(32) 12.08.2011
(33) United States of America
(47) 01.08.2018

(51) A61N 1/05
A61B 5/0478
(11) EP2440283
(21) EP10786433.2
(22) 03.06.2010
(54) MICROELECTRODE AND MULTIPLE MICROELECTRODES COMPRISING MEANS FOR RELEASING DRUGS INTO THE TISSUE
(73) Neuronano AB
(72) EK, Fredrik
DANIELSEN, Nils
ERIKSSON LINSMEIER, Jenny
PETERSSON, Per
SCHOUENBORG, Jens
(74) ir. H.V. Mertens c.s.
(31) 0900789
(32) 09.06.2009
(33) Sweden
(47) 01.08.2018

(51) A61N 1/30
(11) EP1480720
(21) EP03717937.1
(22) 06.03.2003
(54) ELECTRODE ASSEMBLY FOR CONSTANT-CURRENT ELECTROPORATION
(73) Inovio Pharmaceuticals, Inc.
(72) WESTERSTEN, Allan
DRAGHIA-AKLI, Ruxandra
CARPENTER, Robert, H.
KERN, Douglas, R.
WILKINSON, William, R.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 362362 P
(32) 07.03.2002
(33) United States of America
(47) 22.08.2018

(51) A61N 1/30
A61N 1/04
A61M 37/00
A61N 1/32
(11) EP3061492
(21) EP16162615.5
(22) 11.03.2003
(54) TRANSDERMAL DRUG DELIVERY PATCH SYSTEM
(73) Nitto Denko Corporation
(72) EPPSTEIN, Jonathan
MCRAE, Stuart
SMITH, Alan

(74) ir. H.V. Mertens c.s.
(31) 363022 P
(32) 11.03.2002
(33) United States of America
(47) 19.09.2018

(51) A61N 1/375
A61N 1/372
(11) EP2790780
(21) EP12806297.3
(22) 12.12.2012
(54) IMPLANTABLE DEVICE HEADER AND METHOD
(73) Cardiac Pacemakers, Inc.
(72) KANE, Michael J.
O'ROURKE, John
(74) ir. W.J.J.M. Kempes
(31) 201161569940 P
(32) 13.12.2011
(33) United States of America
(47) 18.07.2018

(51) A61N 5/06
A61B 8/10
A61F 9/007
A61F 9/008
(11) EP3160583
(21) EP15738792.9
(22) 26.06.2015
(54) REALTIME ACOUSTIC DOSIMETRY FOR CORNEAL COLLAGEN CROSSLINKING
(73) Teclens, LLC
(72) ACKER, David E.
LOPATH, Patrick David
(74) ir. F.A. Geurts c.s.
(31) 201462018255 P
201462096164 P
(32) 27.06.2014
23.12.2014
(33) United States of America
United States of America
(47) 22.08.2018

(51) A61N 5/06
A61F 7/03
A61F 7/00
A61F 7/02
(11) EP2908807
(21) EP12818909.9
(22) 03.12.2012
(54) SKIN PATCH FOR ABSORBING TOXINS FROM THE BODY
(73) Salim, Nurman
(72) Salim, Nurman
(74) P.J. Pollard B.Eng
(31) 201213656239
(32) 19.10.2012
(33) United States of America
(47) 25.07.2018

(51) A61P 37/00
(11) EP2998313
(21) EP13884437.8
(22) 25.10.2013
(54) PEPTIDE FOR INDUCING MAST CELL-SPECIFIC APOPTOSIS AND USE THEREOF
(73) Caregen Co., Ltd.
(72) CHUNG, Yong Ji
KIM, Eun Mi
LEE, Eung-Ji
LEE, Tae-Hoon
LEE, Young-Min
(74) ir. C.M. Jansen c.s.
(31) 20130053779
(32) 13.05.2013
(33) Korea (Republic)
(47) 10.10.2018

(51) A62B 1/04
A62B 35/00
B64F 5/00
E04G 21/32
F16B 47/00
(11) EP2415501
(21) EP10171902.9
(22) 04.08.2010
(54) A safety barrier system
(73) Latchways PLC
(72) Bissett, Timothy
Beaman, Andrew
(74) J.M.H. Duyver lic.
(47) 19.09.2018

(51) A63D 5/08
(11) EP3160603
(21) EP15725802.1
(22) 24.04.2015
(54) MACHINE FOR SETTING UP BOWLING PINS, INCLUDING A MEANS FOR SELECTING THE SETUP OF ONE OR MORE PINS IN SELECTED POSITIONS
(73) Multi Interventions Bowling (MIB)
(72) KRIBIB, Hicham
(74) J.M.H. Duyver lic.
(31) 1456114
(32) 30.06.2014
(33) France
(47) 01.08.2018

(51) A63F 13/323
A63F 13/26
A63F 13/533
A63F 13/213
(11) EP2961501
(21) EP14710443.4
(22) 25.02.2014
(54) ACTIVE TAG CODES
(73) Microsoft Technology Licensing, LLC
(72) PLAGGE, Mark
MASALKAR, Prafulla
YEE, Dawson
LEYVAND, Tommer
(74) J.M.H. Duyver lic.
(31) 201313781444
(32) 28.02.2013
(33) United States of America
(47) 22.08.2018

(51) A63J 25/00
E04H 3/00
E04H 3/22
(11) EP3144044
(21) EP16188967.0
(22) 15.09.2016
(54) ARRANGEMENT OF CINEMAS IN MULTIPLEX CINEMAS AND CINEMA ROOM FOR A MULTI-SCREEN CINEMA
(73) Vallesviu, S.A.
(72) SALLENT PUIGCERCOS, Pere
(74) J.M.H. Duyver lic.
(31) 201531312
15185387
(32) 16.09.2015
16.09.2015
(33) Spain
European Patent Office (EPO)
(47) 25.07.2018

(51) B01D 3/14
B01J 19/24
C07C 37/74
C07C 45/82
C07C 45/00
(11) EP3180303
(21) EP15749932.8
(22) 03.08.2015
(54) PROCESS AND SYSTEM FOR MAKING CYCLOHEXANONE
(73) ExxonMobil Chemical Patents Inc.
(72) BECKER, Christopher L.
DAVIS, Jason D.
DAKKA, Jihad M.
NADLER, Kirk C.
(74) ir. W.J.J.M. Kempes
(31) 201462037794 P
14188588
(32) 15.08.2014
13.10.2014
(33) United States of America
European Patent Office (EPO)
(47) 18.07.2018

(51) B01D 19/00
(11) EP3173135
(21) EP16196709.6
(22) 01.11.2016
(54) METHOD AND APPARATUS FOR DEGASSING A LIQUID REGARDING NON DESIRED COMPOUNDS
(73) TTM Energiprodukter AB
(72) ILLERSTAM, Per-Olof
(74) ir. C.M. Jansen c.s.
(31) 1551535
(32) 26.11.2015
(33) Sweden
(47) 25.07.2018

(51) B01D 33/073
B01D 33/46
(11) EP3131654
(21) EP15722272.0
(22) 07.04.2015
(54) DRUM FILTER FOR WATER FILTRATION AND METHOD THEREFOR
(73) Van Den Berg, Bart
(72) Van Den Berg, Bart
(74) ir. P.J. Hylarides c.s.
(31) 2012621
(32) 15.04.2014
(33) Netherlands
(47) 15.08.2018

(51) B01D 46/00
B01D 53/94
B01J 23/44
B01J 35/00
B01J 37/02
F01N 3/035
F01N 3/10
F01N 13/00
B01J 23/42
(11) EP2539040
(21) EP11746943.7
(22) 22.02.2011

(54) IMPROVED CATALYZED SOOT FILTER
(73) BASF Corporation
BASF SE
(72) PUNKE, Alfred Helmut
GRUBERT, Gerd
LI, Yuejin
WOLFF, Ruediger
ROTH, Stanley
MÜLLER-STACH, Torsten
VOSS, Kenneth
SIANI, Attilio
NEUBAUER, Torsten
(74) ir. W.J.J.M. Kempes
(31) 306960 P
(32) 23.02.2010
(33) United States of America
(47) 18.07.2018

(51) B01D 53/62
B01D 53/88
B01J 23/755
F23J 15/04
C01F 11/18
(11) EP2849871
(21) EP13722039.8
(22) 14.05.2013
(54) CARBON CAPTURE
(73) University of Newcastle Upon Tyne
(72) SILLER, Lidija
BHADURI, Gaurav Ashok
(74) dr. A. Krebs
(31) 201208511
(32) 15.05.2012
(33) United Kingdom
(47) 19.09.2018

(51) B01F 15/00
B01F 11/00
B01F 9/00
(11) EP3157660
(21) EP15730753.9
(22) 17.06.2015
(54) MIXER FOR VISCOUS FLUIDS AND METHOD OF MIXING VISCOUS FLUIDS
(73) Fast & Fluid Management B.V.
(72) KRUIT, Martin
BAAK, Mark
VAN BEELEN, Nico
POST, Johannes Hermanus Nicolaas
(74) ir. A.R. Aalbers
(31) 201462013278 P
(32) 17.06.2014
(33) United States of America
(47) 15.08.2018

(51) B01J 19/18
B01J 19/20
B01J 19/00
C12M 1/06
(11) EP3154674
(21) EP15729443.0
(22) 15.06.2015
(54) REACTION CHAMBER FOR A CHEMICAL REACTOR, AND CHEMICAL REACTOR CONSTRUCTED THEREFROM
(73) Bayer Aktiengesellschaft
(72) MLECZKO, Leslaw
BUCHHOLZ, Sigurd
BOOS, Karl-Robert
FALSS, Sebastian
(74) ir. W.J.J.M. Kempes
(31) 102014108407
(32) 16.06.2014
(33) Germany
(47) 18.07.2018

(51) B01J 27/22
B01J 37/02
C07C 31/20
C07C 29/153
(11) EP2495042
(21) EP10826054.8
(22) 22.10.2010
(54) PREPARATION AND APPLICATION of a TUNGSTEN CARBIDE CATALYST SUPPORTED ON MESOPOROUS CARBON
(73) Dalian Institute of Chemical Physics, Chinese Academy of Sciences
(72) ZHANG, Tao
ZHANG, Yanhua
WANG, Aiqin
ZHENG, Mingyuan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 200910188221
(32) 27.10.2009
(33) China
(47) 22.08.2018

(51) B01J 29/04
B01J 29/74
C10G 69/00
C10G 65/04
C10G 45/08
C10G 45/12
C10G 45/62
C10G 45/64
C10M 171/02
(11) EP1551942
(21) EP03777738.0
(22) 07.10.2003
(54) PROCESS FOR PREPARING BASESTOCKS HAVING HIGH VI
(73) ExxonMobil Research and Engineering Company
(72) CODY, Ian, A.
MURPHY, William, J.
HANTZER, Sylvain, S.
LARKIN, David, W.
GALLAGHER, John, E., Jr.
KIM, Jeenok, T.
(74) ir. W.J.J.M. Kempes
(31) 416865 P
(32) 08.10.2002
(33) United States of America
(47) 18.07.2018

(51) B01J 29/06
C07C 17/087
C07C 17/20
C07C 17/25
C07C 17/389
C07C 17/395
C07C 19/10
C07C 21/18
(11) EP2970055
(21) EP14770673.3
(22) 14.03.2014
(54) PROCESS FOR THE REDUCTION OF ALKYNE IMPURITIES IN FLUOROOLEFINS
(73) The Chemours Company FC, LLC
(72) NAPPA, Mario Joseph
SUN, Xuehui
CORBIN, David Richard
KOPKALLI, Haluk
WANG, Haiyou
(74) ir. C.M. Jansen c.s.
(31) 201361791304 P
(32) 15.03.2013
(33) United States of America
(47) 25.07.2018

(51) B01J 31/02
B01J 31/04
C10G 45/08
(11) EP2576052
(21) EP11727014.0
(22) 01.06.2011
(54) HYDROPROCESSING CATALYSTS AND THEIR PRODUCTION
(73) ExxonMobil Research and Engineering Company
(72) SOLED, Stuart, L.
MISEO, Sabato
BAUMGARTNER, Joseph, E.
NISTOR, Iulian, G.
VENKATARAMAN, Pallassana, S.
KLIEWER, Chris, E.
CHIMENTI, Robert, J.
GUZMAN, Javier
KENNEDY, Gordon
LEVIN, Doron
(74) ir. W.J.J.M. Kempes
(31) 350234 P
(32) 01.06.2010
(33) United States of America
(47) 18.07.2018

(51) B01L 3/00
(11) EP1438567
(21) EP02715213.1
(22) 27.03.2002
(54) METHODS AND SYSTEMS FOR MICROFLUIDIC PROCESSING
(73) Handylab, Inc.
(72) PARUNAK, Gene
HANDIQUE, Kalyan
WU, Betty
GANESAN, Karthik
(74) ir. C.M. Jansen c.s.
(31) 307638 P
14519
14520
75371
(32) 26.07.2001
14.12.2001
14.12.2001
15.02.2002
(33) United States of America
United States of America
United States of America
United States of America
(47) 25.07.2018

(51) B01L 3/00
(11) EP2528687
(21) EP11705075.7
(22) 28.01.2011
(54) SYSTEM COMPRISING A HOST INSTRUMENT AND A MICROFLUIDIC CARTRIDGE FOR ASSAYS

(73) Micronics, Inc.
(72) BATTRELL, C., Frederick
SPRAGUE, Isaac
BRAGD, Matthew, Scott
CAPODANNO, Jason
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 299534 P
(32) 29.01.2010
(33) United States of America
(47) 22.08.2018

(51) B01L 9/00
B01L 3/00
(11) EP2694214
(21) EP12722754.4
(22) 06.04.2012
(54) MICROFLUIDIC CARD CONNECTION DEVICE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) CHARLES, Raymond
POUTEAU, Patrick
(74) ir. F.A. Geurts c.s.
(31) 1153072
(32) 08.04.2011
(33) France
(47) 01.08.2018

(51) B02C 4/30
(11) EP3083062
(21) EP14815280.4
(22) 09.12.2014
(54) METHOD FOR PROVIDING RECESSES IN A ROLLER
(73) KHD Humboldt Wedag GmbH
(72) KOPP, Günther
BRENDLER, Dieter
(74) ir. W.J.J.M. Kempes
(31) 102013021764
102014002366
(32) 20.12.2013
18.02.2014
(33) Germany
Germany
(47) 18.07.2018

(51) B02C 18/12
B29L 31/00
B29B 9/02
B02C 18/08
B29B 13/10
B29B 17/04
(11) EP3099415
(21) EP15708698.4
(22) 21.01.2015
(54) COMMINUTING TOOL
(73) EREMA Engineering Recycling Maschinen und Anlagen Gesellschaft m.b.H.
(72) FEICHTINGER, Klaus
HACKL, Manfred
PAULI, Peter
WEIGERSTORFER, Georg
(74) J.M.H. Duyver lic.
(31) 500552014
(32) 28.01.2014
(33) Austria
(47) 19.09.2018

(51) B05B 11/00
B65D 83/00
B65D 88/62
(11) EP2251093
(21) EP09013533.6
(22) 27.10.2009
(54) Storage container and use of same
(73) F. Holzer GmbH
KIST-Europe Forschungsgesellschaft mbH
(72) Lee, Hyeck-Hee Dr.-Ing.
Steinfeld, Ute Dr.rer.nat.
Kim, Jungtae Dr.rer.nat.
Krause, Holger Dipl.-Ing.
(74) J.M.H. Duyver lic.
(31) 102009021501
(32) 15.05.2009
(33) Germany
(47) 05.09.2018

(51) B05B 13/02
B05D 1/00
A61F 2/82
B29C 33/56
(11) EP2766128
(21) EP12748371.7
(22) 14.08.2012
(54) ADJUSTABLE SUPPORT FOR TUBULAR MEDICAL DEVICE PROCESSING
(73) Abbott Cardiovascular Systems, Inc.
(72) HOOPAI, Adam, K.
(74) ir. C.M. Jansen c.s.
(31) 201113273133
(32) 13.10.2011
(33) United States of America
(47) 25.07.2018

(51) B21D 51/26
B21D 26/049
(11) EP2798908
(21) EP12863876.4
(22) 31.12.2012
(54) SYSTEM AND METHOD FOR FORMING A METAL BEVERAGE CONTAINER USING PRESSURE MOLDING
(73) The Coca-Cola Company
(72) ADAMS, John
GOPALASWAMY, Rajesh
(74) ir. W.J.J.M. Kempes
(31) 201161581860 P
201261586990 P
201261586995 P
(32) 30.12.2011
16.01.2012
16.01.2012
(33) United States of America
United States of America
United States of America
(47) 18.07.2018

(51) B22F 9/02
B22F 9/24
B22F 1/02
(11) EP2373450
(21) EP09796527.1
(22) 14.12.2009
(54) METHODS OF MAKING RADIOACTIVE GOLD NANOPARTICLES
(73) National Health Research Institutes
National Tsing Hua University
(72) CHEN, Jen-Kun
PEIR, Jinn-Jer
WANG, Mei-Ya
LIU, Chih-Hui
CHOU, Fong-In
YANG, Chung-Shi
YANG, Mo-Hsiung
SHIH, Mei-Hui
(74) dr. A. Krebs
(31) 138511
(32) 17.12.2008
(33) United States of America
(47) 18.07.2018

(51) B22F 9/08
C22C 18/00
(11) EP2689873
(21) EP13170994.1
(22) 07.06.2013
(54) Method for producing a powder of a metal alloy
(73) Rimmer, Karl
(72) Rimmer, Karl
(74) ir. H.V. Mertens c.s.
(31) 3042012 U
(32) 25.07.2012
(33) Austria
(47) 08.08.2018

(51) B23B 5/16
B26D 3/16
(11) EP2796232
(21) EP14165542.3
(22) 23.04.2014
(54) Peeling device
(73) Aquatherm Besitzgesellschaft mbH & Co. KG
(72) Rosenberg, Maik
(74) ir. H.V. Mertens c.s.
(31) 102013104153
(32) 24.04.2013
(33) Germany
(47) 01.08.2018

(51) B23K 9/00
B23K 35/30
B23K 35/36
B23K 35/362
B23K 35/368
B23K 35/02
C22C 38/40
C22C 38/44
C22C 38/50
C22C 38/58
(11) EP3208030
(21) EP17000242.2
(22) 15.02.2017
(54) FLUX-CORED WIRE FOR ARC WELDING OF DUPLEX STAINLESS STEEL
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
(72) Ishida, Masatoshi
Sugahara, Hiroshi
Ikeda, Tetsunao
Nishiyama, Shigeki
(74) ir. C.M. Jansen c.s.
(31) 2016031481
(32) 22.02.2016
(33) Japan
(47) 26.09.2018

(51) B23P 15/14
B21J 5/00
B21K 1/30
B21C 23/22
B21C 35/02
F16H 55/06

F16H 55/17
B23K 11/16
B23K 20/02
B23K 20/227
(11) EP3059046
(21) EP16154472.1
(22) 05.02.2016
(54) METHOD FOR PRODUCING A HYBRID GEARWHEEL, EXTRUDED PROFILED COMPONENT AND HYBRID GEARWHEEL
(73) Gottfried Wilhelm Leibniz Universität Hannover
(72) Maier, Hans Jürgen Prof. Dr.
Nürnberger, Florian Dr.
Hassel, Thomas Dr.
Klose, Christian Dr.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102015102297
(32) 18.02.2015
(33) Germany
(47) 15.08.2018

(51) B25F 5/02
B25F 5/00
B25F 1/04
(11) EP3141351
(21) EP16194524.1
(22) 14.01.2013
(54) POWER TOOL
(73) Positec Power Tools (Suzhou) Co., Ltd
(72) ANDRIOLO, Paolo
ZHANG, Shisong
ZHONG, Hongfeng
PANG, Xiaoli
XU, Jingtao
XIE, Mingjian
MA, Yichun
ZHANG, Wei
WANG, Qinglin
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201210011339
201210011330
201210019727
201210019726
201210079237
201210394781
201210419186
201210486650
201210486677
201210488618
201210488616
201210553212
201310006329
(32) 13.01.2012
13.01.2012
21.01.2012
21.01.2012
23.03.2012
17.10.2012
26.10.2012
26.11.2012
26.11.2012
26.11.2012
26.11.2012
19.12.2012
08.01.2013
(33) China
China
China
China
China
China
China
China
China
China
China
China
China
(47) 22.08.2018

(51) B26B 11/00
B26B 3/08
A47L 13/08
(11) EP2807002
(21) EP13710778.5
(22) 28.01.2013
(54) CUTTING TOOL
(73) Martor KG
(72) SCHEKALLA, Peter
(74) ir. F.A. Geurts c.s.
(31) 102012001490
(32) 27.01.2012
(33) Germany
(47) 01.08.2018

(51) B26B 19/46
(11) EP2851167
(21) EP13004637.8
(22) 24.09.2013
(54) Hair-cutting device with integrated light source and integrated light guide
(73) Exonda Salon Tools GmbH
(72) Scheunert, Peter
Schmitt, Bernd
(74) ir. H.V. Mertens c.s.
(47) 01.08.2018

(51) B26F 3/00
C03B 37/16
(11) EP2481539
(21) EP11009762.3
(22) 10.12.2011
(54) Device for cutting insulation material
(73) Keller HCW GmbH
(72) Barkowsky, Udo
Herdering, Christian
Meyer, Björn
(74) ir. H.V. Mertens c.s.
(31) 102011009567
(32) 27.01.2011
(33) Germany
(47) 12.09.2018

(51) B28B 5/04
B28B 15/00
B28B 23/02
(11) EP2878415
(21) EP14190202.3
(22) 24.10.2014
(54) Method and manufacturing facility for casting concrete products
(73) Elematic Oyj
(72) Eilola, Jani
(74) ir. F.A. Geurts c.s.
(31) 20136126
(32) 15.11.2013
(33) Finland
(47) 15.08.2018

(51) B29C 33/42
B29D 30/06
B29C 33/00
B29C 69/02
(11) EP3077172
(21) EP13898888.6
(22) 06.12.2013
(54) IN-MOLD OPTIMIZATION OF FORCE VARIATION HARMONICS
(73) Compagnie Générate des Etablisssements Michelin
Compagnie Générale des Etablissements Michelin
(72) BROWN, Joseph Nicholas
STONE, James Edward
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) B29C 35/02
B65G 17/32
B65G 37/00
F26B 15/14
(11) EP3095576
(21) EP15169017.9
(22) 22.05.2015
(54) MOULD TREATMENT DEVICE
(73) EHA Composite Machinery GmbH
(72) Neubert, Mike
(74) mr. ir. J. van Breda c.s.
(47) 18.07.2018

(51) B29C 45/28
B29C 45/27
(11) EP2633971
(21) EP13151950.6
(22) 18.01.2013
(54) INJECTION MOULDING NOZZLE WITH CLOSURE NEEDLES GUIDED BY GUIDE BUSHINGS AND INJECTION MOULDING DEVICE WITH SAME
(73) GÜNTHER Heisskanaltechnik GmbH
(72) Günther, Herbert
Sommer, Siegrid
Schnell, Torsten
(74) J.M.H. Duyver lic.
(31) 102012101754
(32) 01.03.2012
(33) Germany
(47) 25.07.2018

(51) B29C 47/64
B29B 7/48
B29C 47/40
B29C 47/38
B29C 47/62
B29C 47/60
(11) EP2291279
(21) EP09765554.2
(22) 09.06.2009
(54) SCREW ELEMENTS WITH REDUCED ENERGY INPUT DURING PRESSURE BUILD-UP
(73) Covestro Deutschland AG
(72) BIERDEL, Michael
KÖNIG, Thomas
LIESENFELDER, Ulrich
(74) ir. W.J.J.M. Kempes
(31) 102008029306
(32) 20.06.2008
(33) Germany
(47) 18.07.2018

(51) B29C 59/02
A61L 2/232
B32B 27/00
C08J 5/18
C25D 11/04
C25D 11/12
A01N 25/34
A01P 1/00
A01P 3/00
(11) EP2979844
(21) EP15762907.2
(22) 05.03.2015
(54) STERILIZATION METHOD BY USING THE SURFACE OF A SYNTHETIC POLYMER FILM AND METHOD FOR REACTIVATING THIS SURFACE
(73) Sharp Kabushiki Kaisha
(72) YAMADA, Miho
MINOURA, Kiyoshi
NAKAHARA, Takahiro
TAKAMI, Seiji
(74) ir. W.J.J.M. Kempes
(31) 2014088092
2014122774
2014261160
(32) 22.04.2014
13.06.2014
24.12.2014
(33) Japan
Japan
Japan
(47) 15.08.2018

(51) B29C 70/04
B29C 70/34
H01Q 1/42
(11) EP2681035
(21) EP12707746.9
(22) 05.03.2012
(54) GEODESIC RADOME
(73) DSM IP Assets B.V.
(72) OOSTERBOSCH van, Eelco
NICKEL, Reimo
THOMPSON, Chae
CUNNINGHAM, David
(74) ir. W.J.J.M. Kempes
(31) 11156973
(32) 04.03.2011
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) B29C 73/26
B29C 73/10
(11) EP2632700
(21) EP10859116.5
(22) 30.10.2010
(54) Method of preparing a tire surface
(73) Compagnie Générale des Etablissements Michelin
(72) IKONOMOV, Metodi Lubenov
ZARAK, Cesar Enrique
PANNING, Nathan Joel
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) B31F 1/10
(11) EP3197672
(21) EP15781978.0
(22) 23.09.2015
(54) CREASING DEVICES
(73) TECH-NI-FOLD LTD
(72) HARRIS, Graham Michael
(74) ir. F.A. Geurts c.s.
(31) 201416770
(32) 23.09.2014
(33) United Kingdom
(47) 22.08.2018

(51) B32B 5/18
B32B 21/00
E04C 2/00
E04F 13/00
(11) EP2540490
(21) EP11171652.8
(22) 28.06.2011
(54) Method for producing a board sandwich
(73) Flooring Technologies Ltd.
(72) Howald, Martin
(74) ir. H.V. Mertens c.s.
(47) 15.08.2018

(51) B32B 5/18
B32B 27/18
B32B 27/20
B32B 27/32
A47B 96/20
B29C 63/00
B29C 65/16
B29C 65/02
B29C 65/14
B29C 65/48
B29C 65/50
B29L 31/44
B29C 47/00
A47B 13/08
B29C 65/00
B29C 47/06
B29L 9/00
B32B 7/12
B32B 15/08
B32B 27/08
(11) EP2366540
(21) EP11156473.8
(22) 01.03.2011
(54) Edge strip from thermoplastic synthetic material, in particular for furniture panels
(73) MKT Moderne Kunststoff-Technik Gebrüder Eschbach Gmbh
(72) Streichhardt, Thomas
(74) dr. A. Ellens c.s.
(31) 102010011438
102010014776
(32) 15.03.2010
13.04.2010
(33) Germany
Germany
(47) 25.07.2018

(51) B32B 9/00
F28F 7/00
(11) EP1680274
(21) EP04794219.8
(22) 06.10.2004
(54) SANDWICHED THERMAL SOLUTION
(73) NeoGraf Solutions, LLC
(72) FUJIWARA, Kikuo
TOZAWA, Masaaki
SHIVES, Gary, D.
NORLEY, Julian
REYNOLDS, Robert, Anderson, III
(74) ir. C.M. Jansen c.s.
(31) 2003375005
2003382882
2004017710
(32) 04.11.2003
12.11.2003
26.01.2004
(33) Japan
Japan
Japan
(47) 26.09.2018

(51) B32B 27/02
(11) EP2986452
(21) EP14785417.8
(22) 17.04.2014
(54) DISPERSIBLE ARTICLES AND METHODS OF MAKING THE SAME
(73) Sellars Absorbent Materials, Inc.
Solenis Technologies Cayman, L.P.
(72) VIAZMENSKY, Helen
DAVIS, Martyn Reginald, Searle
RIEHLE, Richard, J.
PUTNAM, Marc, Christopher
GOLDSTEIN, Joel, E.
BALLAS, Jerry
CHOI, Doeung, David
(74) ir. F.A. Geurts c.s.
(31) 201361813092 P
(32) 17.04.2013
(33) United States of America
(47) 18.07.2018

(51) B41F 5/24
B41F 13/08
B41F 13/30
B41F 13/44
B41F 33/02
(11) EP2782757
(21) EP12769913.0
(22) 19.09.2012
(54) FLEXOGRAPHIC PRINTING UNIT WITH KNEE LEVER SYSTEM
(73) Gallus Druckmaschinen GmbH
(72) BANGEL, Dieter
(74) J.M.H. Duyver lic.
(31) 102011119088
(32) 22.11.2011
(33) Germany
(47) 12.09.2018

(51) B41F 13/02
B41F 23/04
B65H 23/025
B65H 27/00
(11) EP2719535
(21) EP13187939.7
(22) 09.10.2013
(54) A combined chiller and spreader roll assembly
(73) Goss International Americas, Inc.
(72) Vrotacoe, James, Brian
Perdue, Daniel Matthew
Zagar, Lawrence E.
(74) ir. A.R. Aalbers
(31) 201261713297 P
201314043973
(32) 12.10.2012
02.10.2013
(33) United States of America
United States of America
(47) 22.08.2018

(51) B41F 31/20

B41F 33/10
(11) EP2860032
(21) EP14186991.7
(22) 30.09.2014
(54) Closed loop ink thickness control system with reduced substrate waste in a printing press
(73) Goss International Americas, Inc.
(72) Rancourt, Michael Raymond
Elkinson, Brian Robert
Hoff, Howard W.
(74) ir. A.R. Aalbers
(31) 201314042922
(32) 01.10.2013
(33) United States of America
(47) 08.08.2018

(51) B41J 2/01
B41J 2/21
B41J 19/14
B41J 29/393
(11) EP2933108
(21) EP13878196.8
(22) 23.10.2013
(54) RECORDING DEVICE
(73) Oki Data Corporation
(72) AOI, Yoshihisa
(74) ir. H.Th. van den Heuvel c.s.
(31) 2013053832
(32) 15.03.2013
(33) Japan
(47) 05.09.2018

(51) B41J 2/14
B41J 2/16
(11) EP3063011
(21) EP14792980.6
(22) 23.10.2014
(54) PRINTING PLATE ASSEMBLY AND METHOD FOR AN INK JET PRINT HEAD ASSEMBLY
(73) Illinois Tool Works Inc.
(72) CHEN, Tzer-Yi
WU, Yufeng
(74) ir. W.J.J.M. Kempes
(31) 201361896194 P
201414468773
(32) 28.10.2013
26.08.2014
(33) United States of America
United States of America
(47) 25.07.2018

(51) B41J 3/407
B41J 11/00
(11) EP2595810
(21) EP11810510.5
(22) 25.07.2011
(54) ROTARY SYSTEM AND METHOD FOR PRINTING CONTAINERS
(73) Plastipak Packaging, Inc.
(72) UPTERGROVE, Ronald, L.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 367218 P
(32) 23.07.2010
(33) United States of America
(47) 22.08.2018

(51) B41J 11/00
B41J 15/04
(11) EP2752299
(21) EP14161683.9
(22) 22.12.2009
(54) Tape cassette and tape printer
(73) Brother Kogyo Kabushiki Kaisha
(72) Yamaguchi, Koshiro
Kato, Masato
Nagae, Tsuyoshi
Imamaki, Teruo
Horiuchi, Takashi
Sago, Akira
Iriyama, Yasuhiro
Shibata, Yasuhiro
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2008331634
2008331635
2008331638
2008331639
2008331641
2008331642
2008331643
2009088440
2009088441
2009088456
2009088460
2009088468
2009156398
2009156399
2009156403
2009156404
(32) 25.12.2008
25.12.2008
25.12.2008
25.12.2008
25.12.2008
25.12.2008
25.12.2008
31.03.2009
31.03.2009
31.03.2009
31.03.2009
31.03.2009
30.06.2009
30.06.2009
30.06.2009
30.06.2009
(33) Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan
(47) 15.08.2018

(51) B42D 3/02
B42C 9/00
(11) EP3302993
(21) EP16713983.1
(22) 17.03.2016
(54) BINDING FOLDER
(73) Unibind Limited
(72) PELEMAN, Guido, Frans, M.
(31) 201505351
201505581
(32) 08.06.2015
18.09.2015
(33) Belgium
Belgium
(47) 08.08.2018

(51) B44B 5/00
B60R 13/10
(11) EP2539160
(21) EP10801146.1
(22) 24.12.2010
(54) METHOD AND DEVICE FOR STAMPING MARKINGS, IN PARTICULAR MOTOR VEHICLE MARKINGS
(73) Handelsonderneming Kirpestein B.V.
(72) KIRPESTEIN, Koert, J., W.
(74) ir. H.V. Mertens c.s.
(31) 102010023254
102010009555
(32) 10.06.2010
26.02.2010
(33) Germany
Germany
(47) 12.09.2018

(51) B60C 11/03
B60C 11/11
(11) EP3261857
(21) EP16704221.7
(22) 12.02.2016
(54) TYRE WITH A DIRECTIONAL TREAD COMPRISING CURVED BLOCKS WITH CHAMFERS
(73) Compagnie Générale des Etablissements Michelin
(72) MOSNIER, David
MONTARRAS, Michel
HYE, Yann
(74) ir. W.J.J.M. Kempes
(31) 1500394
(32) 27.02.2015
(33) France
(47) 18.07.2018

(51) B60C 15/02
(11) EP3137319
(21) EP15709961.5
(22) 17.03.2015
(54) ROLLING ASSEMBLY COMPRISING A TYRE, A RIM AND AN ADAPTER
(73) Compagnie Générale des Etablissements Michelin
(72) DAVAL, Bertrand
(74) ir. W.J.J.M. Kempes
(31) 1453853
(32) 29.04.2014
(33) France
(47) 18.07.2018

(51) B60J 5/06
(11) EP3034340
(21) EP15002996.5
(22) 20.10.2015
(54) VEHICLE STRUCTURE WITH A SLIDING TARPAULIN
(73) Fahrzeugwerk Bernard Krone GmbH
(72) Irion, Manfred
Rosin, Andreas
Perk, Thorsten

(74) ir. H.V. Mertens c.s.
(31) 102014018486
(32) 16.12.2014
(33) Germany
(47) 03.10.2018

(51) B60K 6/387
B60K 6/442
B60K 6/52
(11) EP2902231
(21) EP14191714.6
(22) 04.11.2014
(54) Power transmission system for vehicle and vehicle comprising the same
(73) BYD Company Limited
(72) Yang, Dongsheng
Zhang, Jintao
Lian, Yubo
Luo, Hongbin
(74) ir. W.J.J.M. Kempes
(31) 201410044457
201420058026 U
(32) 30.01.2014
30.01.2014
(33) China
China
(47) 18.07.2018

(51) B60K 15/04
(11) EP3164287
(21) EP15733732.0
(22) 01.07.2015
(54) ANTI-SIPHONING DEVICE, PARTICULARLY FOR PREVENTING THE EXTRACTION OF FUEL FROM TANKS
(73) Lago Accessori S.r.l.
(72) LAGO, Fabio
LAGO, Giovanni
(74) ir. H.V. Mertens c.s.
(31) TV20140097
(32) 04.07.2014
(33) Italy
(47) 01.08.2018

(51) B60K 17/344
B60K 6/52
F16H 37/06
F16H 3/12
F16H 57/037
F16H 3/089
B60K 6/48
(11) EP2892750
(21) EP13773629.4
(22) 06.09.2013
(54) HYBRID VEHICLE COMPRISING A TORQUE DISTRIBUTOR
(73) Iveco S.p.A.
(72) AIMO BOOT, Marco
BERNARDINI, Alessandro
MANTOVANI, Giorgio
(74) ir. H.V. Mertens c.s.
(31) 12183275
(32) 06.09.2012
(33) European Patent Office (EPO)
(47) 22.08.2018

(51) B60L 5/42
(11) EP2552736
(21) EP11719653.5
(22) 29.03.2011
(54) UPPER LATERAL STRUCTURE FOR THE OCCASIONAL OR CONTINUOUS COLLECTION OF MAIN-DRIVE OR AUXILIARY ELECTRICAL POWER BY A LAND VEHICLE
(73) NewTL
(72) ANDRE, Jean-Luc
MANDART, Didier
BINDER, Christophe
(74) ir. C.M. Jansen c.s.
(31) 1001268
(32) 29.03.2010
(33) France
(47) 18.07.2018

(51) B60L 11/18
B25J 11/00
(11) EP3152080
(21) EP15728792.1
(22) 02.06.2015
(54) CHARGING BASE FOR A BATTERY AND METHOD FOR USING SUCH A BASE
(73) Softbank Robotics Europe
(72) CLERC, Vincent
GARCIA, Nicolas
SOUCHET, Lucas
CHEVRY, Vincent
(74) ir. C.M. Jansen c.s.
(31) 1455102
(32) 05.06.2014
(33) France
(47) 25.07.2018

(51) B60R 16/03
(11) EP2985189
(21) EP15001573.3
(22) 23.05.2015
(54) ELECTRICAL POWER NETWORK FOR A VEHICLE, IN PARTICULAR AN INDUSTRIAL VEHICLE
(73) MAN Truck & Bus AG
(72) Kigin, Erdogan
Pfau, Stefan
Kraft, Ferry
Fischer, Detlef
(74) ir. J.M.G. Dohmen c.s.
(31) 102014012154
(32) 14.08.2014
(33) Germany
(47) 19.09.2018

(51) B60R 16/08
B32B 1/08
(11) EP3121066
(21) EP16001617.6
(22) 22.07.2016
(54) HOSE ASSEMBLY FOR A MOTOR VEHICLE HAVING AT LEAST ONE CONDUIT IN THE FORM OF A TEXTILE LAYER
(73) MAN Truck & Bus Österreich GesmbH
(72) Raab, Gottfried
Klammer, Josef
Robausch, Stefan
(74) ir. J.M.G. Dohmen c.s.
(31) 4962015
(32) 24.07.2015
(33) Austria
(47) 12.09.2018

(51) B60S 1/38
(11) EP2094542
(21) EP07847356.8
(22) 26.11.2007
(54) WEAR INDICATOR HAVING A SOLUBLE PROTECTIVE ELEMENT
(73) Valeo Systèmes d'Essuyage
(72) CERDAN, Jérôme
OULIE, Michel
(74) J.M.H. Duyver lic.
(31) 0610475
(32) 30.11.2006
(33) France
(47) 22.08.2018

(51) B60S 1/38
(11) EP3135547
(21) EP16180787.0
(22) 22.07.2016
(54) SUPPORT ELEMENT, WIPER BLADE AND WINDSCREEN WIPER OF A MOTOR VEHICLE
(73) Valeo Systèmes d'Essuyage
(72) POTON, Eric
JOMARD, Olivier
GAUCHER, Vincent
Houssat, Stéphane
(74) J.M.H. Duyver lic.
(31) 1557869
(32) 24.08.2015
(33) France
(47) 15.08.2018

(51) B60S 1/40
(11) EP3165416
(21) EP16192894.0
(22) 07.10.2016
(54) ADAPTER FOR A MOTOR VEHICLE WINDSCREEN WIPER
(73) Valeo Systèmes d'Essuyage
(72) TERRASSE, William
MOULEYRE, Guillaume
(74) J.M.H. Duyver lic.
(31) 1560591
(32) 04.11.2015
(33) France
(47) 29.08.2018

(51) B61L 27/00
B61L 21/06
B61L 19/06
(11) EP3235706
(21) EP16166239.0
(22) 20.04.2016
(54) METHOD FOR INITIALIZING THE FS MODE FOR THE MOVEMENT OF A TRAIN ON A RAILWAY EQUIPPED WITH AN ERTMS/ETCS SIGNALING SYSTEM
(73) ALSTOM Transport Technologies
(72) BADOT, Bertrand
(74) ir. A.R. Aalbers
(47) 01.08.2018

(51) B62B 3/02
(11) EP3095668
(21) EP16169383.3
(22) 12.05.2016
(54) COUPLING DEVICE FOR CLEANING TROLLEYS
(73) TTS Cleaning S.r.l.
(72) Zorzo, Renato
(31) UB20150642

(32) 19.05.2015
(33) Italy
(47) 25.07.2018

(51) B62B 9/12
B62B 7/14
(11) EP2567877
(21) EP12006282.3
(22) 06.09.2012
(54) Baby carriage and lower leg rest device thereof
(73) Wonderland Switzerland AG
(72) Zhu, Wanquan
(74) ir. A.R. Aalbers
(31) 201120336559 U
201210037860
(32) 08.09.2011
20.02.2012
(33) China
China
(47) 22.08.2018

(51) B62D 5/12
B62D 7/08
(11) EP2604491
(21) EP11009877.9
(22) 15.12.2011
(54) Steering assembly for commercial vehicles which can be actuated on both sides
(73) Rheinmetall MAN Military Vehicles Österreich GesmbH
(72) Deimel, Michael
Pertlik, Rudolf
(74) J.M.H. Duyver lic.
(47) 01.08.2018

(51) B62D 11/20
B60P 3/40
B62D 12/00
B62D 55/065
(11) EP2999615
(21) EP14801851.8
(22) 25.04.2014
(54) ARTICULATED VEHICLE
(73) Bae Systems Hägglunds Aktiebolag
(72) HELLHOLM, Björn
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1350614
(32) 20.05.2013
(33) Sweden
(47) 15.08.2018

(51) B62D 21/14
B62D 21/20
(11) EP2113413
(21) EP09000990.3
(22) 24.01.2009
(54) Vehicle chassis for in particular containers, structures and similar load containers
(73) Fahrzeugwerk Bernard Krone GmbH
(72) Krone, Bernard
Sasse, Uwe
Papenbrock, Gerhard
(74) ir. H.V. Mertens c.s.
(31) 102008021795
(32) 30.04.2008
(33) Germany
(47) 05.09.2018

(51) B62D 59/04
(11) EP2455276
(21) EP12154682.4
(22) 24.06.2009
(54) Auxiliary drive
(73) Alois Kober GmbH
(72) Eckle, Volker
Hartleff, Christian
Müller, Thomas
Wilhelm Dr., Klaus
Zacharias, Georg
(74) ir. W.J.J.M. Kempes
(31) 202008008429 U
202009001675 U
202009005524 U
(32) 25.06.2008
10.02.2009
11.04.2009
(33) Germany
Germany
Germany
(47) 18.07.2018

(51) B62D 59/04
B60P 3/06
B60P 3/40
(11) EP3152102
(21) EP15732524.2
(22) 03.06.2015
(54) VEHICLE COMBINATION WITH MULTIPLE DRIVEN VEHICLE MODULES
(73) Scheuerle Fahrzeugfabrik GmbH
(72) MUGELE, Ulrich
(31) 102014007979
202014004510 U
(32) 04.06.2014
04.06.2014
(33) Germany
Germany
(47) 22.08.2018

(51) B62L 1/12
B60T 1/06
(11) EP2905211
(21) EP15000831.6
(22) 08.11.2012
(54) Hydraulic rim brake
(73) SRAM, LLC.
(72) Jordan, Brian
Shipman, Christopher
Swanson, Neil
(74) J.M.H. Duyver lic.
(31) 201113291797
(32) 08.11.2011
(33) United States of America
(47) 19.09.2018

(51) B63B 3/34
B63B 25/08
B63B 35/00
B63B 25/02
(11) EP3233622
(21) EP15808768.4
(22) 30.11.2015
(54) SHIPPING DEVICE FOR LIQUID BULK PRODUCTS
(73) Cotalis
(72) BLANCHARD, Dominique
(31) 1462838
(32) 18.12.2014
(33) France
(47) 26.09.2018

(51) B63B 25/16
B63B 11/00
(11) EP2985218
(21) EP14782078.1
(22) 10.04.2014
(54) LNG CARRIER OR LPG CARRIER
(73) Morimoto, Nobuyoshi
(72) Morimoto, Nobuyoshi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013083825
(32) 12.04.2013
(33) Japan
(47) 15.08.2018

(51) B63B 27/14
B63B 19/08
(11) EP3114022
(21) EP15710925.7
(22) 03.03.2015
(54) BOAT WITH STERN HATCH WITH INTEGRATED MOVEMENT
(73) Ferretti S.p.A.
(72) FRABETTI, Andrea
(74) ir. C.M. Jansen c.s.
(31) MI20140336
(32) 05.03.2014
(33) Italy
(47) 25.07.2018

(51) B63B 27/14
B63B 27/36
(11) EP3114023
(21) EP15710926.5
(22) 03.03.2015
(54) BOAT WITH SUBMERSIBLE STERN HATCH
(73) Ferretti S.p.A.
(72) FRABETTI, Andrea
(74) ir. C.M. Jansen c.s.
(31) MI20140339
(32) 05.03.2014
(33) Italy
(47) 25.07.2018

(51) B63B 35/44
B63B 1/04
B63B 39/00
(11) EP2496469
(21) EP10828921.6
(22) 28.10.2010
(54) OFFSHORE BUOYANT DRILLING, PRODUCTION, STORAGE AND OFFLOADING STRUCTURE
(73) JURONG SHIPYARD PTE. LTD.
(72) VANDENWORM, Nicolaas, J.
(74) J.M.H. Duyver lic.
(31) 259201 P
262533 P
(32) 08.11.2009
18.11.2009
(33) United States of America
United States of America
(47) 25.07.2018

(51) B63B 59/02
B63B 21/00
(11) EP3190042
(21) EP16150601.9
(22) 08.01.2016
(54) FENDER ARRANGEMENT FOR DOCKING A MARINE VESSEL WITH A BOAT LANDING OF A MARINE OFFSHORE STRUCTURE

(73) Northern Offshore Services AB
(72) Olofsson, Markus
Ahlström, Johannes
Gustafsson, Ronny
(74) mr. ir. J. van Breda c.s.
(47) 15.08.2018

(51) B63G 8/00
B63G 8/04
B63G 8/38
B63B 15/00
E04H 12/18
H01Q 1/34
(11) EP3052378
(21) EP14850136.4
(22) 29.09.2014
(54) MAST SYSTEM AND METHOD
(73) Elta Systems Ltd.
(72) FARBER, Amit
ERELL, Ehud
(74) ir. C.M. Jansen c.s.
(31) 22868813
(32) 02.10.2013
(33) Israel
(47) 18.07.2018

(51) B64F 1/18
B64F 1/20
F21S 8/00
(11) EP2914494
(21) EP14798998.2
(22) 16.10.2014
(54) LIGHTING SYSTEM FOR AIRCRAFT LANDING SURFACES AND METHOD FOR MAKING SAID SYSTEM
(73) Calzoni S.r.l.
(72) BERTIN, Daniele Maria
(74) ir. M.F.J.M. Ketelaars c.s.
(31) BO20130569
(32) 17.10.2013
(33) Italy
(47) 05.09.2018

(51) B65B 25/04
B65B 5/10
B65B 35/40
B65B 57/10
B65B 1/32
G01G 13/08
(11) EP3209565
(21) EP15781759.4
(22) 13.10.2015
(54) IMPROVED APPARATUS FOR DOSING AND PACKAGING AGRICULTURAL PRODUCTS
(73) Unitec S.p.A.
(72) BENEDETTI, Luca
(74) ir. J.M.G. Dohmen c.s.
(31) PN20140054
(32) 23.10.2014
(33) Italy
(47) 19.09.2018

(51) B65D 1/02
(11) EP2933201
(21) EP15164122.2
(22) 15.05.2008
(54) LIGHTWEIGHT PLASTIC CONTAINER
(73) Plastipak Packaging, Inc.
(72) Morgan, Edward, V.
Darr, Richard, C.
(74) ir. C.M. Jansen c.s.
(31) 749501
(32) 16.05.2007
(33) United States of America
(47) 25.07.2018

(51) B65D 27/16
(11) EP3196140
(21) EP17150533.2
(22) 06.01.2017
(54) SHELL WITH RECLOSABLE FLAP
(73) Harry Plast
(72) HARRISSART, Jean Marie
BLANCHART, Romaric
(74) ir. W.J.J.M. Kempes
(31) 1650413
(32) 19.01.2016
(33) France
(47) 08.08.2018

(51) B65D 35/46
B65D 47/20
(11) EP2969813
(21) EP14721135.3
(22) 14.03.2014
(54) CONTAINER
(73) TC Heartland LLC
(72) GELOV, Teodor
NICHOLS, Karen
NORTON, Douglas
(74) J.M.H. Duyver lic.
(31) 201313844492
(32) 15.03.2013
(33) United States of America
(47) 08.08.2018

(51) B65D 43/02
F25D 11/00
(11) EP2945874
(21) EP14702076.2
(22) 13.01.2014
(54) LID FOR INSULATED BOX AND METHOD FOR STORING PRODUCTS
(73) Bellivo, Société Anonyme
(72) OEYEN, Jan
(74) ir. W.J.J.M. Kempes
(31) 201300031
(32) 16.01.2013
(33) Belgium
(47) 05.09.2018

(51) B65D 47/18
(11) EP1765513
(21) EP05756044.3
(22) 24.06.2005
(54) CONTAINER FOR PACKAGING A LIQUID TO BE DISPENSED IN DROPS REVERSIBLY DEFORMED BY AIR INPUT
(73) Laboratoires THEA
(72) FAURIE, Michel
(74) ir. W.J.J.M. Kempes
(31) 0407042
(32) 24.06.2004
(33) France
(47) 22.08.2018

(51) B65D 55/08
(11) EP3157835
(21) EP15732889.9
(22) 17.06.2015
(54) CONTAINER
(73) Robinsons Soft Drinks Limited
(72) SWAIN, Michael Anthony
WILLIAMS, Steven Lawrence
ROSE, David Raymond
(74) dr. A. Krebs
(31) 201410782
(32) 17.06.2014
(33) United Kingdom
(47) 15.08.2018

(51) B65D 65/40
B32B 27/00
B32B 27/30
B65D 75/30
B32B 27/16
B32B 27/32
B32B 27/08
B65D 75/00
B32B 37/14
(11) EP3214015
(21) EP15855724.9
(22) 27.10.2015
(54) HEAT SHRINKABLE STRETCHED MULTILAYER FILM FOR SKIN PACKS, SKIN PACK PACKAGE USING SAME, AND METHOD FOR PRODUCING HEAT SHRINKABLE STRETCHED MULTILAYER FILM FOR SKIN PACKS
(73) Kureha Corporation
(72) NAMBU, Shota
TOBITA, Hisanori
ITOH, Tadayoshi
(74) ir. W.J.J.M. Kempes
(31) 2014219423
(32) 28.10.2014
(33) Japan
(47) 26.09.2018

(51) B65D 83/00
B65D 47/20
(11) EP3055227
(21) EP14786824.4
(22) 08.10.2014
(54) DEVICE FOR DISPENSING AND PROTECTING A FLUID, COMPRISING A SLIT STOPPER
(73) Courtin, Karine
(72) Courtin, Karine
(74) ir. F.A. Geurts c.s.
(31) 1359844
(32) 10.10.2013
(33) France
(47) 01.08.2018

(51) B65D 85/804
(11) EP3134328
(21) EP15724769.3
(22) 21.04.2015
(54) CAPSULE FOR INFUSION PRODUCTS, IN PARTICULAR COFFEE
(73) Macchiavelli S.r.l.
(72) RONDELLI, Raffaele
(74) ir. M.F.J.M. Ketelaars c.s.
(31) TO20140338
(32) 22.04.2014
(33) Italy
(47) 18.07.2018

(51) B65D 85/804
A47J 31/36
(11) EP2916698
(21) EP12818640.0
(22) 09.11.2012

(54) SYSTEM FOR DISPENSING BEVERAGES
(73) Paolini, Cristiano
(72) Paolini, Cristiano
(74) M.L. Huisman
(47) 18.07.2018

(51) B65G 23/26
B65G 23/44
(11) EP3006381
(21) EP15186930.2
(22) 25.09.2015
(54) CONVEYING DEVICE WITH BRAKING DEVICE
(73) WRH Walter Reist Holding AG
(72) ALIESCH, Robert
(74) ir. C.M. Jansen c.s.
(31) 14852014
(32) 30.09.2014
(33) Switzerland
(47) 18.07.2018

(51) B65H 45/18
(11) EP3063082
(21) EP14809585.4
(22) 16.10.2014
(54) FOLDING MODULE FOR PAPER SHEETS, FOLDING DEVICE COMPRISING THE FOLDING MODULE, AND METHOD FOR FOLDING PAPER SHEETS
(73) Innovative Card Systems GmbH
(72) WEISS, Albin
(74) ir. C.M. Jansen c.s.
(31) 102013111838
(32) 28.10.2013
(33) Germany
(47) 25.07.2018

(51) B66B 1/32
B66B 5/18
(11) EP3197812
(21) EP15763852.9
(22) 03.09.2015
(54) ELEVATOR BRAKE
(73) Inventio AG
(72) BITZI, Raphael
MEIER, Tobias
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 14186210
(32) 24.09.2014
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) B66B 9/08
(11) EP2847118
(21) EP13724015.6
(22) 08.05.2013
(54) STAIR LIFT
(73) Otto Ooms B.V.
(72) OOMS, Alex
(74) ir. P.J. Hylarides c.s.
(31) 2008786
(32) 10.05.2012
(33) Netherlands
(47) 25.07.2018

(51) B66C 13/02
F15B 3/00
(11) EP2883828
(21) EP14187852.0
(22) 07.10.2014
(54) Hydraulic pressure intensifier
(73) ROBERT BOSCH GMBH
(72) Kuijpers, Maarten
Jochems, Steven
van Mil, Roel
(74) ir. C.M. Jansen c.s.
(31) 102013222472
(32) 06.11.2013
(33) Germany
(47) 01.08.2018

(51) B66F 7/06
B66F 7/28
G01M 17/007
(11) EP3026416
(21) EP15196831.0
(22) 27.11.2015
(54) TESTING DEVICE FOR TESTING THE FUNCTIONALITY OF VEHICLE SYSTEMS
(73) MAHA Maschinenbau Haldenwang GmbH & Co. KG
(72) SEIFERT, Alexander
WENDL, Stefan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102014224240
(32) 27.11.2014
(33) Germany
(47) 18.07.2018

(51) C02F 1/20
C02F 101/32
C02F 103/06
B01D 3/22
B01D 3/32
B01D 19/00
B01D 3/34
(11) EP3235552
(21) EP17166628.2
(22) 13.04.2017
(54) AIR STRIPPER SYSTEM AND METHOD
(73) Q.E.D. Environmental Systems, Inc.
(72) FISCHER, David A
SPICER, Bryan D
(74) ir. C.M. Jansen c.s.
(31) 201662325155 P
201715443129
(32) 20.04.2016
27.02.2017
(33) United States of America
United States of America
(47) 26.09.2018

(51) C02F 3/28
(11) EP1984305
(21) EP07709122.1
(22) 05.01.2007
(54) PROCESS AND REACTOR FOR ANAEROBIC WASTE WATER PURIFICATION
(73) Veolia Water Solutions & Technologies Support
(72) VERSPRILLE, Abraham Izaak
LA VOS, Hendrik Richard Paul
(74) ir. C.M. Jansen c.s.
(31) 06075015
(32) 05.01.2006
(33) European Patent Office (EPO)
(47) 25.07.2018

(51) C02F 101/30
C02F 101/32
C02F 101/34
C02F 101/36
C02F 101/38
C02F 1/32
C02F 1/72
(11) EP2838854
(21) EP13717290.4
(22) 19.04.2013
(54) WATER TREATMENT
(73) Kemira OYJ
(72) KARPOVA, Tatjana
MELIN, Esa
VUORI, Antti
ÖJSTEDT, Ulrik
GRAMSTAD, Robin
JANSSON, Kaj
KOLARI, Marko
(74) ir. W.J.J.M. Kempes
(31) 12164979
1250990
(32) 20.04.2012
05.09.2012
(33) European Patent Office (EPO)
Sweden
(47) 18.07.2018

(51) C03B 5/235
C03B 5/237
F23C 9/06
F23D 14/32
F23L 7/00
F23L 15/04
F25J 3/04
(11) EP3087040
(21) EP14835480.6
(22) 19.12.2014
(54) COMBUSTION METHOD AND INSTALLATION WITH OPTIMIZED ENERGY RECUPERATION
(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) JARRY, Luc
JOUMANI, Youssef
LEROUX, Bertrand
TSIAVA, Rémi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1363477
(32) 23.12.2013
(33) France
(47) 29.08.2018

(51) C03B 37/027
C03B 37/03
(11) EP2220005
(21) EP08853155.3
(22) 21.11.2008
(54) METHOD FOR PRODUCING LOW ATTENUATION FIBER
(73) Corning Incorporated
(72) FILIPPOV, Andrey, V.
MATTHEWS, Hazel, B., III
READING, Bruce, W.
SHEPARD, Bradley, K.
TUCKER, David, A.
(74) dr. A. Krebs
(31) 998366
(32) 29.11.2007
(33) United States of America
(47) 03.10.2018

(51) C03B 37/027

C03C 13/04
(11) EP2829522
(21) EP12872020.8
(22) 17.12.2012
(54) METHOD FOR PRODUCING OPTICAL FIBER
(73) Sumitomo Electric Industries, Ltd.
(72) HARUNA, Tetsuya
HIRANO, Masaaki
TAMURA, Yoshiaki
(74) mr.ir. F.N. Ferro
(31) 2012063960
(32) 21.03.2012
(33) Japan
(47) 19.09.2018

(51) C03C 17/34
C03C 17/36
E06B 3/66
(11) EP2686279
(21) EP12707347.6
(22) 08.03.2012
(54) INSULATING GLAZING
(73) AGC Glass Europe
(72) BOUESNARD, Olivier
CLOSSET, François
(74) ir. W.J.J.M. Kempes
(31) 201100164
(32) 16.03.2011
(33) Belgium
(47) 18.07.2018

(51) C04B 28/18
(11) EP3178798
(21) EP16201133.2
(22) 29.11.2016
(54) POROUS CONCRETE AND METHOD FOR ITS PRODUCTION
(73) Rodgauer Baustoffwerke GmbH & Co. KG
(72) VOLKMANN, Stephan
KOLB, Walter
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102015121553
(32) 10.12.2015
(33) Germany
(47) 25.07.2018

(51) C04B 35/10
C04B 35/117
H01B 1/08
H01B 1/16
(11) EP2599757
(21) EP12195056.2
(22) 30.11.2012
(54) SEMICONDUCTIVE CERAMIC SINTERED COMPACT
(73) TOTO LTD.
(72) Shimada, Shogo
Ushijima, Yasutaka
Teramoto, Atsushi
(74) ir. C.M. Jansen c.s.
(31) 2011264389
2012206881
(32) 02.12.2011
20.09.2012
(33) Japan
Japan
(47) 25.07.2018

(51) C04B 35/14
C04B 35/46
C04B 35/447
C04B 38/00
(11) EP2049449
(21) EP07788363.5
(22) 10.08.2007
(54) A POROUS SOLID BODY WITH BIMODAL PORE SIZE DISTRIBUTION AND A METHOD FOR THE PRODUCTION THEREOF
(73) Biocer-Entwicklungs-GmbH
(72) DITTERT, Bernd
ZIEGLER, Günter
HEIDENAU, Frank
(74) mr. ir. J. van Breda c.s.
(31) 102006037497
(32) 10.08.2006
(33) Germany
(47) 18.07.2018

(51) C04B 41/45
C04B 41/48
C08G 81/00
(11) EP2285754
(21) EP09798405.8
(22) 12.06.2009
(54) AQUEOUS COATING COMPOSITIONS WITH DE MINIMIS VOLATILE EMISSIONS
(73) Benjamin Moore & Co.
(72) SHEERIN, Robert, J.
MAUCK, Jean, F.
GHARAPETIAN, Hrire
KOTORA, Gordon
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 61431 P
61418 P
(32) 13.06.2008
13.06.2008
(33) United States of America
United States of America
(47) 08.08.2018

(51) C05G 3/08
(11) EP3109223
(21) EP15173134.6
(22) 22.06.2015
(54) COMPOUND FOR THE TREATMENT OF UREA-COMPRISING FERTILIZERS
(73) EuroChem Agro GmbH
(72) Peters, Nils
Mannheim, Thomas
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 08.08.2018

(51) C07C 5/27
C07C 15/08
C07C 11/02
C07C 4/04
C10G 45/64
B01J 29/80
B01J 29/00
B01J 29/06
B01J 29/076
B01J 29/068
B01J 29/072
B01J 29/70
B01J 29/72
B01J 29/74
B01J 29/76
(11) EP2834210
(21) EP13717640.0
(22) 02.04.2013
(54) PROCESS FOR THE PRODUCTION OF XYLENES AND LIGHT OLEFINS FROM HEAVY AROMATICS
(73) King Fahd University of Petroleum and Minerals
Saudi Arabian Oil Company
(72) WANG, Yuguo
ERCAN, Cemal
ALI, Mohammed Ashraf
AL-KHATTAF, Sulaiman S.
AITANI, Abdullah Mohammed
ALI, Syed Ahmed
(74) ir. C.M. Jansen c.s.
(31) 201261619188 P
(32) 02.04.2012
(33) United States of America
(47) 18.07.2018

(51) C07C 15/20
C09K 11/06
H05B 33/20
(11) EP3140268
(21) EP15722163.1
(22) 08.05.2015
(54) CYANATED PERYLENE COMPOUNDS
(73) BASF SE
(72) KÖNEMANN, Martin
WAGENBLAST, Gerhard
IVANOVICI, Sorin
SEND, Robert
MATTERN, Gabriele
WEBER, Gerd
(74) ir. W.J.J.M. Kempes
(31) 14167746
(32) 09.05.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07C 17/00
C07C 21/18
C07C 17/20
(11) EP2170785
(21) EP08781004.0
(22) 26.06.2008
(54) PROCESS FOR THE MANUFACTURE OF HYDROFLUOROOLEFINS
(73) ARKEMA INC.
(72) ELSHEIKH, Maher, Y.
BONNET, Philippe
CHEN, Benjamin, B.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 946406 P
(32) 27.06.2007
(33) United States of America
(47) 12.09.2018

(51) C07C 29/141
C07C 29/90
C07C 31/20
(11) EP3116845
(21) EP15709452.5
(22) 05.03.2015
(54) METHOD FOR BREAKDOWN OF FORMATES
(73) BASF SE
(72) PINKOS, Rolf
MARION, Nicolas
KRONEMAYER, Helmut
(74) ir. W.J.J.M. Kempes
(31) 14159198
(32) 12.03.2014

(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07C 29/76
C07C 31/04
C07C 29/151
(11) EP3181541
(21) EP15400057.4
(22) 18.12.2015
(54) METHOD AND DEVICE FOR THE RECOVERY OF METHANOL
(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) Gronemann, Veronika
Huder, Karin, Dr.
Oelmann, Tobias
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 29.08.2018

(51) C07C 29/80
C07C 31/20
C07C 29/84
B01D 3/40
B01D 3/42
(11) EP3230244
(21) EP15805464.3
(22) 04.12.2015
(54) PROCESS FOR THE SEPARATION OF GLYCOLS
(73) Shell Internationale Research Maatschappij B.V.
(72) HUIZENGA, Pieter
FISCHER, Kai Jürgen
(74) drs. R.M. Matthezing c.s.
(31) 14196838
(32) 08.12.2014
(33) European Patent Office (EPO)
(47) 12.09.2018

(51) C07C 29/86
C07C 41/38
(11) EP3004037
(21) EP14726652.2
(22) 28.05.2014
(54) PROCESS FOR THE SEPARATION OF AN ALKYLENE GLYCOL
(73) Shell Internationale Research Maatschappij B.V.
(72) FISCHER, Kai Jürgen
KOOT, Wouter
WESENHAGEN, Arlette
BASTINGS, Roel Guillaume Hubertus Leonardus
(74) drs. R.M. Matthezing c.s.
(31) 13169982
(32) 31.05.2013
(33) European Patent Office (EPO)
(47) 29.08.2018

(51) C07C 37/00
C07F 9/09
C07F 9/38
C07F 9/40
C07C 309/66
(11) EP3154924
(21) EP15728818.4
(22) 08.06.2015
(54) PROCESS FOR PREPARING 3-CHLORO-2-VINYLPHENOL
(73) Bayer CropScience Aktiengesellschaft
(72) ERVER, Florian
FORD, Mark, James
(74) ir. W.J.J.M. Kempes
(31) 14172039
(32) 11.06.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07C 209/48
C07C 253/10
(11) EP3160933
(21) EP15744747.5
(22) 25.06.2015
(54) INTEGRATED PROCESS FOR NITRILE MANUFACTURE WITH ENHANCED LIQUID-LIQUID EXTRACTION
(73) INVISTA Textiles (U.K.) Limited
(72) TENN, William J. III
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462018125 P
(32) 27.06.2014
(33) United States of America
(47) 15.08.2018

(51) C07C 217/44
C07D 401/12
C07D 413/12
C07D 211/14
C07D 295/096
A61K 31/13
A61K 31/415
A61K 31/435
A61P 25/00
(11) EP3027587
(21) EP14744558.9
(22) 29.07.2014
(54) 1,2-DISUBSTITUTED CYCLOBUTYL COMPOUNDS
(73) Laboratorios del. Dr. Esteve, S.A.
(72) TORRENS JOVER, Antoni
ORTUÑO-MINGARRO, Rosa Mª
PERICAS-CANO, Àlex
FERRER-MALLOFRÈ, Èric
(74) dr. A. Ellens c.s.
(31) 13382310
(32) 30.07.2013
(33) European Patent Office (EPO)
(47) 25.07.2018

(51) C07C 305/20
(11) EP2630120
(21) EP11778981.8
(22) 19.10.2011
(54) DIASTEREOSELECTIVE PREPARATION OF BICYCLO[2.2.2]OCTAN-2-ONE COMPOUNDS
(73) Idorsia Pharmaceuticals Ltd
(72) ABELE, Stefan
FUNEL, Jacques-Alexis
(74) ir. C.M. Jansen c.s.
(31) PCT/IB2010/054743
(32) 20.10.2010
(33) World Intellectual Property Office (WIPO)
(47) 25.07.2018

(51) C07D 211/26
C07D 295/185
C07C 237/04
C07D 401/12
C07C 229/14
C07C 237/06
C07C 237/10
C07D 207/14
(11) EP2361242
(21) EP09736961.5
(22) 19.10.2009
(54) OXIDASE INHIBITORS AND THEIR USE
(73) Oryzon Genomics, S.A.
(72) GUIBOURT, Nathalie
ORTEGA MUÑOZ, Alberto
CASTRO-PALOMINO LARIA, Julio
(74) ir. C.M. Jansen c.s.
(31) 08166973
09165840
(32) 17.10.2008
17.07.2009
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 01.08.2018

(51) C07D 211/44
C07D 401/12
A61K 31/4465
A61K 31/454
A61P 25/28
(11) EP2964613
(21) EP14712780.7
(22) 06.03.2014
(54) H3 ANTAGONISTS CONTAINING PHENOXYPIPERIDINE CORE STRUCTURE
(73) Richter Gedeon Nyrt.
(72) BARTÁNÉ SZALAI, Gizella
WÁGNER, Gábor András
KISS, Béla
SCHMIDT, Éva
BALÁZS, Ottília
NAGY, Noémi
(74) ir. W.J.J.M. Kempes
(31) P1300139
(32) 06.03.2013
(33) Hungary
(47) 18.07.2018

(51) C07D 213/56
C07D 213/54
C07D 213/24
C07D 213/04
A61K 31/4406
A61P 35/00
A61P 35/02
A61P 17/06
C07D 213/82
(11) EP2930169
(21) EP12889061.3
(22) 18.12.2012
(54) CRYSTAL FORM OF CHIDAMIDE, PREPARATION METHOD AND USE THEREOF
(73) Shenzhen Chipscreen Biosciences, Ltd.
(72) LU, Xianping
LI, Zhibin
(74) ir. W.J.J.M. Kempes
(31) 201210489178
(32) 27.11.2012
(33) China
(47) 18.07.2018

(51) C07D 213/80
C07D 309/40
C07D 498/12
C07D 213/69
(11) EP2203435
(21) EP08859833.9

(22) 17.09.2008
(54) 6, 11-BRIDGED BIARYL MACROLIDES
(73) Enanta Pharmaceuticals, Inc.
(72) KIM, In, Jong
LIU, Tongzhu
LONG, Jiang
WANG, Guoqiang
QIU, Yao-Ling
KIM, Heejin
WANG, Yanchun
PHAN, Ly, Tam
OR, Yat, Sun
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 51875
95111
51857
76208
51862
76213
95100
973017 P
973201 P
(32) 09.05.2008
08.09.2008
09.05.2008
27.06.2008
09.05.2008
27.06.2008
08.09.2008
17.09.2007
18.09.2007
(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
(47) 18.07.2018

(51) C07D 213/81
C07C 233/56
A23L 27/20
(11) EP3235811
(21) EP17174409.7
(22) 19.04.2007
(54) PROCESS OF PREPARING OXALAMIDES
(73) Senomyx, Inc.
(72) SHIGEMURA, Rhondi
CHEN, Qing
DARMOHUSODO, Vincent
DEAN, Aaron, R.
(74) ir. W.J.J.M. Kempes
(31) 793844 P
847632 P
(32) 21.04.2006
27.09.2006
(33) United States of America
United States of America
(47) 25.07.2018

(51) C07D 239/42
C07D 401/12
C07D 401/14
C07D 413/12
A61K 31/506
A61P 35/00
(11) EP2675793
(21) EP12705383.3
(22) 17.02.2012
(54) FAK INHIBITORS
(73) Cancer Therapeutics CRC Pty Limited
(72) HOLMES, Ian, Peter
BERGMAN, Ylva
LUNNISS, Gillian Elizabeth
NIKAC, Marica
CHOI, Neil
HEMLEY, Catherine Fae
WALKER, Scott Raymond
FOITZIK, Richard Charles
GANAME, Danny
LESSENE, Romina
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161443773 P
201161523503 P
201161579719 P
(32) 17.02.2011
15.08.2011
23.12.2011
(33) United States of America
United States of America
United States of America
(47) 08.08.2018

(51) C07D 257/04
A61K 31/397
A61P 29/00
A61P 19/02
A61P 11/06
(11) EP2867215
(21) EP13731350.8
(22) 25.06.2013
(54) TETRAZOLE DERIVATIVES AND THEIR USE AS POTASSIUM CHANNEL MODULATORS
(73) Saniona A/S
(72) DEMNITZ, Joachim
JORGENSEN, Susanne
(74) ir. W.J.J.M. Kempes
(31) 201270358
(32) 25.06.2012
(33) Denmark
(47) 18.07.2018

(51) C07D 261/08
(11) EP2921484
(21) EP15154129.9
(22) 21.12.2012
(54) OXAZOLE DERIVATIVES
(73) Bayer CropScience AG
(72) Tsuchiya, Tomoki
Wasnaire, Pierre
Hoffmann, Sebastian
Seitz, Thomas
Hillebrand, Stefan
Benting, Jürgen
Schmidt, Jan Peter
Cristau Pierre
(74) ir. W.J.J.M. Kempes
(31) 11195764
(32) 27.12.2011
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07D 261/08
(11) EP2921485
(21) EP15154130.7
(22) 21.12.2012
(54) ISOXAZOLE DERIVATIVES
(73) Bayer CropScience AG
(72) Tsuchiya, Tomoki
Wasnaire, Pierre
Hoffmann, Sebastian
Seitz, Thomas
Hillebrand, Stefan
Benting, Jürgen
Schmidt, Jan Peter
Cristau Pierre
(74) ir. W.J.J.M. Kempes
(31) 11195764
(32) 27.12.2011
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07D 295/22
A61K 31/496
A61P 3/10
(11) EP1940815
(21) EP06839511.0
(22) 23.10.2006
(54) SALTS OF MODULATORS OF PPAR AND METHODS OF TREATING METABOLIC DISORDERS
(73) Kalypsys, Inc.
(72) PARENT, Stephan, D.
JONAITIS, David, T.
BENNETT, Dennis, A.
(74) J.M.H. Duyver lic.
(31) 730249 P
(32) 25.10.2005
(33) United States of America
(47) 15.08.2018

(51) C07D 307/36
(11) EP3126341
(21) EP15712163.3
(22) 26.03.2015
(54) PROCESS FOR THE PRODUCTION OF FURAN AND ITS DERIVATIVES
(73) Shell Internationale Research Maatschappij B.V.
(72) WADMAN, Sipke, Hidde
LANGE, Jean Paul, Andre, Marie, Joseph, Ghislain
(74) drs. R.M. Matthezing c.s.
(31) 14162654
(32) 31.03.2014
(33) European Patent Office (EPO)
(47) 12.09.2018

(51) C07D 307/48
C07D 307/46
C07D 307/50
(11) EP2709994
(21) EP12723154.6
(22) 16.05.2012
(54) PROCESS FOR THE PREPARATION OF 5-HYDROXYMETHYLFURFURAL
(73) UNIVERSITE CLAUDE BERNARD - LYON 1
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)
(72) ESSAYEM, Nadine
LOPES DE SOUZA, Rodrigo
RATABOUL, Franck
(74) ir. A.R. Aalbers
(31) 1154232
(32) 16.05.2011
(33) France

(47) 25.07.2018

(51) C07D 401/12
A61K 31/506
A61P 35/00
(11) EP3121171
(21) EP16167355.3
(22) 15.12.2011
(54) CRYSTALLINE FORMS OF 5-CHLORO-N2-(2-ISOPROPOXY-5-METHYL-4-PIPERIDIN-4-YL-PHENYL)-N4[2-(PROPANE-2-SULFONYL)-PHENYL]-PYRIMIDINE-2,4-DIAMINE
(73) NOVARTIS AG
(72) FENG, Lili
GONG, Baoqing
KARPINSKI, Piotr H.
WAYKOLE, Liladhar Murlidhar
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201061424194 P
(32) 17.12.2010
(33) United States of America
(47) 15.08.2018

(51) C07D 409/06
C07D 207/273
C07D 498/04
C07F 9/38
C07C 69/63
C07D 333/38
C07F 9/40
(11) EP2970234
(21) EP14723569.1
(22) 14.03.2014
(54) METHODS OF SYNTHESIZING A DIFLUOROLACTAM ANALOG
(73) Cayman Chemical Company, Inc.
(72) BARRETT, Stephen, Douglas
COLOMBO, Joseph, Michael
GERMAIN, Bradlee, David
KORNILOV, Andriy
KRAMER, James, Bernard
UZIEBLO, Adam
(74) ir. W.J.J.M. Kempes
(31) 201361799334 P
(32) 15.03.2013
(33) United States of America
(47) 18.07.2018

(51) C07D 413/04
C07D 271/12
A61K 31/4245
A61P 37/00
(11) EP2958913
(21) EP14753476.2
(22) 19.02.2014
(54) SPHINGOSINE-1-PHOSPHATE RECEPTOR AGONISTS, METHODS OF PREPARING THE SAME, AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME AS AN ACTIVE AGENT
(73) LG Chem, Ltd.
(72) PAEK, Seung Yup
LEE, Sung Bae
PARK, Deok Seong
LEE, Won Hyung
(74) dr. A. Krebs
(31) 20130018293
(32) 20.02.2013
(33) Korea (Republic)

(47) 03.10.2018

(51) C07D 413/06
C07D 417/06
A61K 31/536
A61P 9/00
(11) EP3083608
(21) EP14824313.2
(22) 17.12.2014
(54) FUSED HETEROCYCLIC COMPOUNDS AS ION CHANNEL MODULATORS
(73) GILEAD SCIENCES, INC.
(72) KALLA, Rao
PERRY, Thao
ZABLOCKI, Jeff
(74) ir. C.M. Jansen c.s.
(31) 201361918247 P
(32) 19.12.2013
(33) United States of America
(47) 18.07.2018

(51) C07D 471/04
C07D 487/04
A61K 31/519
A61P 35/00
(11) EP3102577
(21) EP15706577.2
(22) 04.02.2015
(54) QUINOLONE DERIVATIVES AS FIBROBLAST GROWTH FACTOR RECEPTOR INHIBITORS
(73) Principia Biopharma Inc.
(72) VERNER, Erik
BRAMELD, Kenneth Albert
(74) ir. W.J.J.M. Kempes
(31) 201461937211 P
201462007562 P
201462069932 P
(32) 07.02.2014
04.06.2014
29.10.2014
(33) United States of America
United States of America
United States of America
(47) 18.07.2018

(51) C07D 487/04
B32B 37/10
C08G 59/66
C08J 5/24
C08L 63/00
H05K 1/03
H05K 3/46
(11) EP3075736
(21) EP14865786.9
(22) 28.11.2014
(54) MERCAPTOALKYL GLYCOLURILS AND USE OF SAME
(73) Shikoku Chemicals Corporation
(72) KUMANO, Takeshi
TAKEDA, Takuma
MIZOBE ,Noboru
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013248201
2014037310
(32) 29.11.2013
27.02.2014
(33) Japan
Japan
(47) 22.08.2018

(51) C07D 487/04
C07D 487/14
A61K 31/4985
A61P 25/00
A61P 19/00
A61P 11/00
(11) EP2970304
(21) EP14722872.0
(22) 14.03.2014
(54) P2X7 MODULATORS
(73) Janssen Pharmaceutica NV
(72) AMERICKS, Michael K.
RECH, Jason C.
SAVALL, Brad M.
WALL, Jessica L.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361785478 P
(32) 14.03.2013
(33) United States of America
(47) 15.08.2018

(51) C07D 495/04
A61K 31/38
(11) EP3030568
(21) EP14749783.8
(22) 05.08.2014
(54) THIENO[2,3-C]PYRANS AS CFTR MODULATORS
(73) Galapagos NV
(72) VAN DER PLAS, Steven Emiel
MARTINA, Sébastien Laurent Xavier
DROPSIT-MONTOVERT, Sébastien Jean-Jacques Cédric
ANDREWS, Martin James Inglis
KELGTERMANS, Hans
(74) J.M.H. Duyver lic.
(31) 13179671
201317935
(32) 08.08.2013
10.10.2013
(33) European Patent Office (EPO)
United Kingdom
(47) 19.09.2018

(51) C07D 519/00
(11) EP2751120
(21) EP12781045.5
(22) 20.09.2012
(54) PYRROLOBENZODIAZEPINES AS UNSYMMETRICAL DIMERIC PBD COMPOUNDS FOR INCLUSION IN TARGETED CONJUGATES
(73) MedImmune Limited
(72) HOWARD, Philip Wilson
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161536669 P
(32) 20.09.2011
(33) United States of America
(47) 22.08.2018

(51) C07F 9/09
C12N 1/20
C12N 5/00
(11) EP2920296
(21) EP13792261.3
(22) 14.11.2013
(54) CELL CULTURE MED
(73) Merck Patent GmbH
(72) VON HAGEN, Joerg
BREUNING, Marcel, André
JASPER, Christian
(74) ir. C.M. Jansen c.s.

(31) 12007711
(32) 14.11.2012
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07J 1/00
A61K 31/568
A61P 25/00
A61P 35/00
C07J 31/00
C07J 71/00
(11) EP2980096
(21) EP14774834.7
(22) 28.03.2014
(54) 2 ,3 ,5 -TRIHYDROXY-ANDROST-6-ONE AND PREPARATION METHODS AND USE THEREOF
(73) Guangzhou Cellprotek Pharmaceutical Co., Ltd.
(72) ZHANG, Jingxia
LIN, Suizhen
XIE, Minyu
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201310104162
(32) 28.03.2013
(33) China
(47) 15.08.2018

(51) C07K 1/14
C07K 16/00
B01D 17/02
B01D 21/26
(11) EP2964662
(21) EP14707364.7
(22) 26.02.2014
(54) PROTEIN PURIFICATION BY MEANS OF AQUEOUS TWO PHASE CENTRIFUGAL EXTRACTION
(73) Boehringer Ingelheim International GmbH
(72) RICHTER, Michael
DIETERLE, Michael
RUDOLPH, Frederik
(74) ir. F.A. Geurts c.s.
(31) 13158285
(32) 08.03.2013
(33) European Patent Office (EPO)
(47) 22.08.2018

(51) C07K 7/06
A61K 38/04
C07K 7/08
(11) EP3154998
(21) EP15730235.7
(22) 12.06.2015
(54) DRUG DELIVERY ENHANCEMENT AGENTS
(73) The University Of Bath
(72) MRSNY, Randall Jay
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201410507
(32) 12.06.2014
(33) United Kingdom
(47) 18.07.2018

(51) C07K 14/47
A61K 38/17
A61P 29/00
(11) EP3042915
(21) EP15197076.1
(22) 04.06.2010
(54) SERUM AMYLOID P DERIVATIVES AND THEIR PREPARATION AND USE
(73) Promedior Inc.
(72) WILLETT, W. Scott
CAIMI, Richard J.
(74) ir. C.M. Jansen c.s.
(31) 217931 P
(32) 04.06.2009
(33) United States of America
(47) 08.08.2018

(51) C07K 14/575
A61K 38/22
A61P 3/10
(11) EP3157949
(21) EP15731876.7
(22) 17.06.2015
(54) EXENDIN-4 DERIVATIVES AS SELECTIVE GLUCAGON RECEPTOR AGONISTS
(73) SANOFI
(72) HAACK, Torsten
STENGELIN, Siegfried
EVERS, Andreas
WAGNER, Michael
HENKEL, Bernd
(74) ir. W.J.J.M. Kempes
(31) 14305935
(32) 18.06.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C07K 14/705
(11) EP2612868
(21) EP13150320.3
(22) 15.10.2008
(54) Immunosuppressive polypeptides and nucleic acids
(73) Astellas Pharma Inc.
(72) Karrer, Erik, E.
Paidhungat, Madan, M.
Bass, Steven, H.
Neighbors, Margaret
Punnonen, Juha
Chapin, Steven, J.
Viswanathan, Sridhar
Larsen, Brent, R.
(74) ir. C.M. Jansen c.s.
(31) 984631 P
51215 P
(32) 01.11.2007
07.05.2008
(33) United States of America
United States of America
(47) 15.08.2018

(51) C07K 14/765
(11) EP2493921
(21) EP10771471.9
(22) 01.11.2010
(54) ALBUMIN VARIANTS
(73) Albumedix Ltd
(72) PLUMRIDGE, Andrew
SLEEP, Darrell
CAMERON, Jason
SANDLIE, Inger
ANDERSEN, Jan Terje
FRIIS, Esben, Peter
(74) dr. W.A.H.M. Van Borm
(31) 09174698
327171 P
348001 P
10174162
(32) 30.10.2009
23.04.2010
25.05.2010
26.08.2010
(33) European Patent Office (EPO)
United States of America
United States of America
European Patent Office (EPO)
(47) 26.09.2018

(51) C07K 16/22
(11) EP2662388
(21) EP11820879.2
(22) 26.12.2011
(54) RECOMBINANT ANTIBODIES TO THE VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) WHICH ARE OBTAINED BY MEANS OF MUTAGENESIS OF VARIABLE REGIONS
(73) Centro De Ingenieria Genetica Y Biotecnologia
Biorec S.A.
(72) LAMDAN ORDAS, Humberto
GAVILONDO COWLEY, Jorge, Víctor
AYALA AVILA, Marta
MUÑOZ POZO, Yasmiana
PUPO MERIÑO, Amaury
ROJAS DORANTES, Gertrudis
PÉREZ SÁNCHEZ, Lincidio
(74) ir. C.M. Jansen c.s.
(31) 20100264
(32) 28.12.2010
(33) Cuba
(47) 22.08.2018

(51) C07K 16/28
A61K 47/00
A61P 35/00
(11) EP2992015
(21) EP14721825.9
(22) 30.04.2014
(54) COMBINATION THERAPY OF AN AFUCOSYLATED CD20 ANTIBODY WITH A CD22 ANTIBODY-DRUG CONJUGATE
(73) F.Hoffmann-La Roche AG
(72) KLEIN, Christian
LANG, Sabine
POLSON, Andrew
UMANA, Pablo
(74) drs. C.M.A. Quintelier
(31) 201361818810 P
(32) 02.05.2013
(33) United States of America
(47) 29.08.2018

(51) C08B 13/00
(11) EP3216808
(21) EP17159962.4
(22) 08.03.2017
(54) HYPROMELLOSE ACETATE SUCCINATE, METHOD FOR PRODUCING THE SAME AND COMPOSITION CONTAINING THE SAME
(73) Shin-Etsu Chemical Co., Ltd.
(72) KIKUCHI, Kazuki
YOSHIDA, Mitsuhiro
MATSUBARA, Junichi
YAMASHITA, Tatsuya

KITAMURA, Akira
MARUYAMA, Naosuke
(74) dr. A. Krebs
(31) 2016048254
(32) 11.03.2016
(33) Japan
(47) 03.10.2018

(51) C08B 13/00
C08L 1/32
A61K 47/38
C09D 101/32
(11) EP3212674
(21) EP15791420.1
(22) 21.10.2015
(54) PROCESS FOR PREPARING AN ESTER OF A CELLULOSE ETHER
(73) Dow Global Technologies LLC
(72) PETERMANN, Oliver
SPREHE, Matthias
(74) ir. J.D. de Zeeuw
(31) 201462073264 P
(32) 31.10.2014
(33) United States of America
(47) 22.08.2018

(51) C08F 2/26
C08F 265/04
C08F 279/02
C08F 285/00
C08L 25/12
C08L 55/02
(11) EP2986650
(21) EP14718577.1
(22) 16.04.2014
(54) THERMOPLASTIC MOULDING MATERIALS BASED ON ACRYLONITRILE, STYRENE AND BUTADIENE
(73) INEOS Styrolution Group GmbH
(72) NIESSNER, Norbert
AHN, SangJun
BANASZAK, Brian J.
WALKER, Roland
PEPERS, Michel
BARTH, Johannes
MICHELS, Gisbert
PATCAS, Florian
HWANG, YoungHwa
VERSTRAETEN, Rudy
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 13164275
(32) 18.04.2013
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) C08F 12/00
C08F 8/22
C08K 5/00
C08F 112/08
C08F 112/14
(11) EP2158232
(21) EP08770419.3
(22) 06.06.2008
(54) LOW MOLECULAR WEIGHT BROMINATED POLYMERS AND THEIR USE IN THERMOPLASTIC FORMULATIONS
(73) Albemarle Corporation
(72) LAYMAN, William, J., Jr.
MACK, Arthur, G.
KOLICH, Charles, H.
KUMAR, Govindarajulu
(74) ir. F.A. Geurts c.s.
(31) 942599 P
(32) 07.06.2007
(33) United States of America
(47) 08.08.2018

(51) C08F 12/26
C08F 212/14
C08F 230/08
C07F 7/10
C08F 236/10
(11) EP3280744
(21) EP16718258.3
(22) 08.04.2016
(54) [BIS(TRIHYDROCARBYLSILYL)AMINOSILYL]-FUNCTIONALIZED STYRENE AND A METHOD FOR ITS PREPARATION
(73) Synthos S.A.
Fundacja Uniwersytetu im. Adama Mickiewicza w Poznaniu
(72) KOWNACKI, Ireneusz
MACIEJEWSKI, Hieronim
MARCINIEC, Bogdan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 15461526
(32) 10.04.2015
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) C08F 26/02
C08L 23/24
(11) EP3145964
(21) EP15741845.0
(22) 26.03.2015
(54) ADHESION PROMOTER FOR AQUEOUS COATING COMPOSITIONS
(73) BASF Coatings GmbH
(72) CORTEN, Cathrin
ANDERSEN, Audree
SAEDLER, Markus
BOSHE-PLOIS, Stefanie
FÖLLING, Frederik
MISSKE, Andrea
(74) ir. W.J.J.M. Kempes
(31) 14169112
(32) 20.05.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C08G 18/08
C08G 18/42
C08G 18/44
C08G 18/72
C08G 18/73
C08G 18/79
C09D 175/06
C08K 3/36
B82Y 30/00
C08G 18/12
(11) EP2912079
(21) EP13789221.2
(22) 25.10.2013
(54) COATING AGENT FOR COATINGS THAT CAN BE MATTED
(73) Covestro Deutschland AG
(72) SCHRINNER, Marc Claudius
GEWIß, Heinz-Dietmar
KLIPPERT, Uwe
MELCHIORS, Martin
(74) ir. W.J.J.M. Kempes
(31) 12190315
(32) 29.10.2012
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) C08G 18/42
C08G 18/48
C08G 59/68
C08G 63/82
C08G 18/73
C08G 18/10
A61L 24/04
A61L 24/06
(11) EP2794710
(21) EP12801750.6
(22) 17.12.2012
(54) ISOCYANATE FUNCTIONAL PRE-POLYMER FOR A BIODEGRADABLE TISSUE ADHESIVE
(73) Adhesys Medical GmbH
(72) HECKROTH, Heike
EGGERT, Christoph
HOFMANN, Jörg
LORENZ, Klaus
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 11194416
(32) 20.12.2011
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) C08G 65/10
C08G 65/26
C08G 18/48
(11) EP2970583
(21) EP14775387.5
(22) 12.03.2014
(54) IMPROVED CONTINUOUS PROCESS FOR THE PRODUCTION OF LOW MOLECULAR WEIGHT POLYETHERS WITH A DMC CATALYST
(73) Covestro LLC
(72) REESE, Jack, R.
WEBB, Paul
(74) ir. W.J.J.M. Kempes
(31) 201313826394
(32) 14.03.2013
(33) United States of America
(47) 18.07.2018

(51) C08G 77/28
C08K 5/54
C07F 7/18
(11) EP1529073
(21) EP03747265.1
(22) 02.04.2003
(54) BLOCKED MERCAPTOSILANE HYDROLYZATES AS COUPLING AGENTS FOR MINERAL-FILLED ELASTOMER COMPOSITIONS
(73) Momentive Performance Materials Inc.
(72) CRUSE, Richard, W.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 128804
(32) 23.04.2002
(33) United States of America
(47) 15.08.2018

(51) C08J 5/00
B82Y 30/00
C08J 5/04
D06M 11/74

D06M 101/40
(11) EP2990380
(21) EP14788527.1
(22) 23.04.2014
(54) COMPOSITE MATERIAL AND MOLDED ARTICLE
(73) Nitta Corporation
(72) ONIZUKA, Maki
KOMUKAI, Takuji
(74) ir. H.V. Mertens c.s.
(31) 2013091518
2013091519
2013098904
2013098905
(32) 24.04.2013
24.04.2013
08.05.2013
08.05.2013
(33) Japan
Japan
Japan
Japan
(47) 19.09.2018

(51) C08K 3/16
(11) EP2155812
(21) EP08756729.3
(22) 05.06.2008
(54) HYDROGEN FLUORIDE COMPOSITIONS
(73) Honeywell International Inc.
(72) LULY, Matthew, H.
POINTNER, Bernard, E.
(74) ir. W.J.J.M. Kempes
(31) 943026 P
942887 P
(32) 08.06.2007
08.06.2007
(33) United States of America
United States of America
(47) 08.08.2018

(51) C08K 3/32
C23C 18/14
C23C 18/20
C23C 18/40
C23C 18/16
C09D 11/322
C23C 18/18
C08K 3/26
(11) EP3046960
(21) EP14845841.7
(22) 05.09.2014
(54) POLYMER ARTICLE AND INK COMPOSITON AND METHODS FOR SELECTIVELY METALIZING POLYMER ARTICLE AND INSULATING SUBSTRATE
(73) BYD Company Limited
(72) ZHOU, Fangxiang
HUANG, Jiang
(74) ir. W.J.J.M. Kempes
(31) 201310425978
(32) 17.09.2013
(33) China
(47) 18.07.2018

(51) C08K 5/00
(11) EP3103832
(21) EP16171461.3
(22) 16.05.2013
(54) AQUEOUS BASED BLEND COMPOSITION AND METHOD OF PRODUCING THE SAME
(73) ROHM AND HAAS COMPANY
Dow Global Technologies LLC
(72) LINDENMUTH, Denise
GRUVER, Jocelyn
HERMES, Ann R.
DRUMRIGHT, Ray E.
(74) ir. J.D. de Zeeuw
(31) 201261661389 P
(32) 19.06.2012
(33) United States of America
(47) 15.08.2018

(51) C08K 5/00
C08K 5/11
C08K 5/12
(11) EP3204447
(21) EP15778283.0
(22) 08.10.2015
(54) PLASTICIZER COMPOSITION WHICH COMPRISES CYCLOALKYL ESTERS OF SATURATED DICARBOXYLIC ACIDS AND TEREPHTHALIC ESTERS
(73) BASF SE
(72) PFEIFFER, Matthias
BREITSCHEIDEL, Boris
GRIMM, Axel
MORGENSTERN, Herbert
(74) ir. W.J.J.M. Kempes
(31) 14188351
(32) 09.10.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C08L 5/06
A61L 26/00
(11) EP2115066
(21) EP07847485.5
(22) 28.11.2007
(54) COMPOSITION COMPRISING OLIGOGALACTURONANS AND POLYCATIONIC SACCHARIDES
(73) Université de Namur
(72) CABRERA PINO, Juan Carlos
VAN CUTSEM, Pierre
(74) dr. A. Ellens c.s.
(31) 06124918
(32) 28.11.2006
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) C08L 67/02
(11) EP3140349
(21) EP15718900.2
(22) 29.04.2015
(54) ARTICLE MANUFACTURED BY MEANS OF THERMOFORMING
(73) BASF SE
(72) LEHENMEIER, Maximilian
SKUPIN, Gabriel
BUSSMANN, Martin
(74) ir. W.J.J.M. Kempes
(31) 14167689
(32) 09.05.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) C08L 69/00
C08K 5/42
C08K 5/00
C08J 3/00
C08J 3/09
(11) EP2927280
(21) EP13858925.4
(22) 26.11.2013
(54) AROMATIC POLYCARBONATE RESIN COMPOSITION, METHOD FOR PRODUCING SAME, AND MOLDED ARTICLE FORMED FROM AROMATIC POLYCARBONATE RESIN COMPOSITION
(73) Mitsubishi Gas Chemical Company, Inc.
(72) SUZUKI Shoko
TAJIMA Jun
NAGASHIMA Hiromitsu
(74) ir. C.M. Jansen c.s.
(31) 2012260235
(32) 28.11.2012
(33) Japan
(47) 15.08.2018

(51) C08L 71/02
C08G 18/48
C08K 5/09
C08K 5/13
C08K 5/5399
C08L 101/00
C08G 18/40
C08G 18/63
C08J 9/00
C08J 9/02
C08J 9/12
C08J 9/38
C08G 101/00
C08G 65/26
C08G 18/76
C08G 18/66
C08G 18/32
(11) EP2738220
(21) EP12817644.3
(22) 23.07.2012
(54) COMPOSITION FOR POLYURETHANE FOAM, PREPARATION FOR POLYURETHANE FOAM, POLYMER POLYOL PREPARATION FOR POLYURETHANE FOAM, METHODS FOR PRODUCING THESE, AND POLYURETHANE FOAM
(73) Mitsui Chemicals, Inc.
(72) MARUOKA, Yusuke
MIYATA, Atsushi
OKUBO, Kazuhiko
IZUKAWA, Tsukuru
HIRAIDE, Toru
MATSUMOTO, Shinsuke
(74) mr.ir. F.N. Ferro
(31) 2011163130
(32) 26.07.2011
(33) Japan
(47) 19.09.2018

(51) C09D 4/00
C09D 5/00
(11) EP3152261
(21) EP15729720.1
(22) 05.06.2015
(54) RADIATION POLYMERIZABLE WATERBORNE SOFT-FEEL COATINGS
(73) SWIMC LLC
(72) GBUR, Garry A.

(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462008136 P
(32) 05.06.2014
(33) United States of America
(47) 15.08.2018

(51) C09D 5/00
(11) EP2999753
(21) EP14729459.9
(22) 21.05.2014
(54) THERMALLY CURABLE COATING SYSTEMS
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) BUSKENS, Pascal Jozef Paul
ARFSTEN, Nanning Joerg
MOURAD, Maurice Christian Danho
WOUTERS, Maria Elizabeth Louise
DORTMANS, Leonardus Johannus Maria Genoveva
(74) ir. C.M. Jansen c.s.
(31) 13168570
13169298
(32) 21.05.2013
27.05.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 25.07.2018

(51) C09D 5/08
B05D 7/00
C09D 183/04
C09D 183/06
C10M 125/02
C23C 18/12
(11) EP3083846
(21) EP14837000.0
(22) 18.12.2014
(54) GRAPHENE BASED ANTI-CORROSION COATINGS
(73) TATA STEEL UK Limited
(72) BÖHM, Henagama, Liyanage, Mallika
BÖHM, Sivasambu
VAN DER WEIJDE, Dammes, Hans
(74) ir. J.W. Herman de Groot c.s.
(31) 13198361
14161011
(32) 19.12.2013
21.03.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 18.07.2018

(51) C09D 5/32
C23C 2/26
C08K 3/04
C21D 6/00
C23C 2/40
C21D 9/46
C21D 9/50
C21D 1/22
C22C 38/06
C22C 38/02
C22C 38/04
B21D 22/02
B21D 35/00
C09D 123/06
C09D 133/02
C09D 163/00
C09D 167/02
C21D 8/02
C22C 38/28
C22C 38/32
C23F 17/00
(11) EP3126459
(21) EP15712408.2
(22) 13.02.2015
(54) PROCESS FOR HIGH PRODUCTIVITY PRODUCTION OF STEEL PARTS COATED AND PRESS HARDENED
(73) ArcelorMittal
(72) DESSAIN, Christine
SANADRES, Michel
(74) ir. A.R. Aalbers
(31) PCT/IB2014/000455
(32) 31.03.2014
(33) World Intellectual Property Office (WIPO)
(47) 25.07.2018

(51) C09J 11/06
(11) EP2954019
(21) EP14707868.7
(22) 07.02.2014
(54) ANTIMICROBIAL ADHESIVES HAVING IMPROVED PROPERTIES
(73) Avery Dennison Corporation
(72) WIBAUX, Anne, Marie
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361761838 P
201361790692 P
(32) 07.02.2013
15.03.2013
(33) United States of America
United States of America
(47) 15.08.2018

(51) C09K 21/02
C09K 3/22
H01B 3/44
H01B 7/295
(11) EP3030630
(21) EP14756089.0
(22) 09.07.2014
(54) FLEXIBLE FIRE-RETARDANT THERMOPLASTIC COMPOSITIONS HAVING HIGH THERMOMECHANICAL STRENGTH, IN PARTICULAR FOR ELECTRIC CABLES
(73) Arkema France
(72) QUINEBECHE, Sébastien
PALLUAULT, Vincent
SAVIGNAT, Benoît
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1357805
(32) 06.08.2013
(33) France
(47) 19.09.2018

(51) C10B 57/04
C10B 55/00
C10C 1/20
(11) EP2291487
(21) EP09758954.3
(22) 15.05.2009
(54) METHOD OF CREATING REDUCED PUFFING NEEDLE COKE FROM COAL TAR DISTILLATE
(73) GrafTech International Holdings Inc.
(72) MILLER, Douglas, J.
CHANG, Ching-feng
LEWIS, Irwin, C.
LEWIS, Richard, T.
SHAO, Richard, L.
TOMASEK, Aaron
(74) ir. C.M. Jansen c.s.
(31) 132228
(32) 03.06.2008
(33) United States of America
(47) 19.09.2018

(51) C10B 57/04
C10B 55/00
C10G 67/06
(11) EP2291486
(21) EP09758953.5
(22) 15.05.2009
(54) METHOD OF CREATING REDUCED PUFFING NEEDLE COKE FROM DECANT OIL
(73) GrafTech International Holdings Inc.
(72) MILLER, Douglas J.
CHANG, Ching-Feng
TOMASEK, Aaron
SHAO, Richard L.
LEWIS, Irwin C.
(74) ir. C.M. Jansen c.s.
(31) 132222
(32) 03.06.2008
(33) United States of America
(47) 19.09.2018

(51) C10G 3/00
B01J 8/24
B01J 35/02
C07C 1/20
B01J 38/36
(11) EP1660614
(21) EP04755489.4
(22) 17.06.2004
(54) FINES CO-FEED FOR MAINTAINING EFFICIENT REACTOR HYDRODYNAMICS
(73) ExxonMobil Chemical Patents Inc.
(72) MARTENS, Luc, R., M.
LATTNER, James, R.
PATEL, Rutton, D.
SKOUBY, David, C.
VAUGHN, Stephen, N.
CHANG, Yun-Feng
GOELLNER, Jesse, F.
JANSSEN, Marcel, J., G.
SENIOR, Richard, C.
(74) ir. W.J.J.M. Kempes
(31) 634557
835494
(32) 06.08.2003
29.04.2004
(33) United States of America
United States of America
(47) 18.07.2018

(51) C10G 9/00
(11) EP1527151
(21) EP03763037.3
(22) 27.06.2003
(54) PROCESS FOR STEAM CRACKING HEAVY HYDROCARBON FEEDSTOCKS
(73) ExxonMobil Chemical Patents Inc.
(72) STELL, Richard C.
DINICOLANTONIO, Arthur R.
FRYE, James Mitchell
SPICER, David, B.
MCCOY, James, N.

STRACK, Robert, D.
(74) ir. W.J.J.M. Kempes
(31) 188461
189618
188901
(32) 03.07.2002
03.07.2002
03.07.2002
(33) United States of America
United States of America
United States of America
(47) 18.07.2018

(51) C10G 45/02
C10G 45/08
C10G 45/12
C10G 45/58
C10G 45/60
C10G 45/62
C10G 45/64
C10G 65/04
C10G 69/00
B01J 29/04
B01J 29/068
B01J 29/74
C10M 171/02
(11) EP1551941
(21) EP03774622.9
(22) 07.10.2003
(54) A METHOD FOR MAKING LUBE BASESTOCKS
(73) ExxonMobil Research and Engineering Company
(72) MURPHY, William, J.
CODY, Ian, A.
(74) ir. W.J.J.M. Kempes
(31) 416865 P
416870 P
(32) 08.10.2002
08.10.2002
(33) United States of America
United States of America
(47) 18.07.2018

(51) C10G 65/10
C10G 69/02
C10G 47/00
C10G 49/00
C10G 45/68
C10G 65/12
C10G 45/44
C10G 69/06
C10G 69/00
C10G 67/04
C10G 69/12
(11) EP3110918
(21) EP14827222.2
(22) 23.12.2014
(54) PROCESS FOR UPGRADING REFINERY HEAVY HYDROCARBONS TO PETROCHEMICALS
(73) Saudi Basic Industries Corporation
SABIC Global Technologies B.V.
(72) OPRINS, Arno Johannes Maria
VELASCO PELAEZ, Raúl
(74) ir. J.M.G. Dohmen c.s.
(31) 14156629
(32) 25.02.2014
(33) European Patent Office (EPO)
(47) 03.10.2018

(51) C10J 3/30
F23K 3/12
B65G 25/08
(11) EP2738239
(21) EP12450051.3
(22) 29.11.2012
(54) USE OF AN APPARATUS FOR TRANSPORTING FUELS IN A GASIFICATION REACTOR
(73) Care Beteiligungsverwaltung GmbH
(72) Rensing, Michael
(74) ir. H.V. Mertens c.s.
(47) 05.09.2018

(51) C10J 3/46
C10J 3/48
C10J 3/72
B01J 8/08
B01J 8/26
B01J 8/18
(11) EP2914700
(21) EP13801855.1
(22) 30.10.2013
(54) REACTOR FOR PRODUCING A PRODUCT GAS FROM A FUEL
(73) MILENA-OLGA Joint Innovation Assets B.V.
(72) ZWART, Robin, Willem, Rudolf
VAN DER MEIJDEN, Christiaan, Martinus
VAN DER DRIFT, Abraham
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2009733
(32) 31.10.2012
(33) Netherlands
(47) 12.09.2018

(51) C10L 1/02
(11) EP2920276
(21) EP13824220.1
(22) 15.10.2013
(54) USE OF BIODISTILLATE FUELS CONTAINING TALLOW ESTERS HAVING LOW METAL UPTAKE
(73) ExxonMobil Research and Engineering Company
(72) WELLS, Paul, P.
WRIGLEY, Krystal, B.
(74) ir. W.J.J.M. Kempes
(31) 201261727205 P
(32) 16.11.2012
(33) United States of America
(47) 18.07.2018

(51) C10M 157/00
C10M 143/00
C10N 30/02
C10N 40/25
(11) EP1783197
(21) EP06121850.9
(22) 05.10.2006
(54) Lubricating oil compositions
(73) Infineum International Limited
(72) Chu, Chin, c/o INFINEUM USA L.P.
Hartley, Rolfe John, c/o INFINEUM USA L.P.
Briggs, Stuart c/o INFINEUM USA L.P.
Emert, Jacob, c/o INFINEUM USA L.P.
Bansai, Jai G. c/o INFINEUM USA L.P.
(74) ir. C.M. Jansen c.s.
(31) 266789
(32) 04.11.2005
(33) United States of America
(47) 25.07.2018

(51) C11D 3/40
C09B 19/00
C11D 11/00
(11) EP3242927
(21) EP15808649.6
(22) 15.12.2015
(54) LAUNDRY TREATMENT COMPOSITION COMPRISING A DYE
(73) Unilever N.V.
(72) BATCHELOR, Stephen, Norman
BURNHAM, Neil, Stephen
(74) dr. C.W.R. Mulder c.s.
(31) 15150558
(32) 09.01.2015
(33) European Patent Office (EPO)
(47) 10.10.2018

(51) C11D 7/32
C11D 7/50
A01N 25/02
(11) EP2804940
(21) EP13703739.6
(22) 17.01.2013
(54) USE OF IMPROVED N-ALKYL PYRROLIDONE SOLVENTS
(73) Taminco
(72) VANDEPUTTE, Bart
MOONEN, Kristof
ROOSE, Peter
(74) J.M.H. Duyver lic.
(31) 201200037
(32) 17.01.2012
(33) Belgium
(47) 19.09.2018

(51) C12M 1/00
C12M 3/00
C12M 1/12
B01L 1/02
(11) EP3031899
(21) EP14851806.1
(22) 10.10.2014
(54) CULTURE APPARATUS
(73) PHC Holdings Corporation
(72) TOKUMARU, Tomoyoshi
(74) ir. H.V. Mertens c.s.
(31) 2013214059
(32) 11.10.2013
(33) Japan
(47) 19.09.2018

(51) C12N 1/20
A61K 35/747
C12R 1/245
(11) EP2545160
(21) EP10714066.7
(22) 12.03.2010
(54) LACTIC ACID BACTERIA FOR COELIAC DISEASE
(73) Compagnie Gervais Danone
(72) MONTSERRAT CARRERAS, Agusti
ANDREU COROMINAS, Montserrat
RAMON VIDAL, Daniel
GENOVES MARTINEZ, Salvador
BATALLER LEIVA, Esther
(74) J.M.H. Duyver lic.
(47) 18.07.2018

(51) C12N 1/38

C12N 1/20
A23C 19/032
A23C 9/123
A23C 15/12
A23K 10/18
A23L 27/24
A23L 33/135
A23L 13/70
(11) EP2251416
(21) EP10175048.7
(22) 05.01.2006
(54) USE OF COMPOUNDS INVOLVED IN BIOSYNTHESIS OF NUCLEIC ACIDS TO INCREASE YIELD OF BACTERIAL CULTURES
(73) Chr. Hansen A/S
(72) Kringelum, Börge Windel
Sörensen, Niels Martin
Garrigues, Christel
Pedersen, Martin B.
Grön, Susanne
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 200500020
641133 P
200501259
(32) 05.01.2005
05.01.2005
09.09.2005
(33) Denmark
United States of America
Denmark
(47) 15.08.2018

(51) C12N 5/0735
(11) EP3161128
(21) EP15745288.9
(22) 26.06.2015
(54) METHODS AND COMPOSITIONS FOR TARGETED GENETIC MODIFICATIONS AND METHODS OF USE
(73) Regeneron Pharmaceuticals, Inc.
(72) FRENDEWEY, David
DROGUETT, Gustavo
GAGLIARDI, Anthony
KUNO, Junko
AUERBACH, Wojtek
VALENZUELA, David M.
(74) dr. A. Krebs
(31) 201462017582 P
201462017627 P
(32) 26.06.2014
26.06.2014
(33) United States of America
United States of America
(47) 26.09.2018

(51) C12N 5/0783
C12N 5/074
C12N 15/85
(11) EP3150701
(21) EP16196084.4
(22) 04.06.2010
(54) REPROGRAMMING T CELLS AND HEMATOPOIETIC CELLS
(73) FUJIFILM Cellular Dynamics, Inc.
(72) BROWN, Matthew
DOMINGUEZ, Elizabeth Rondon
LEARISH, Randy
NUWAYSIR, Emile
RAJESH, Deepika
MACK, Amanda
(74) ir. H.V. Mertens c.s.
(31) 184546 P
240116 P
(32) 05.06.2009
04.09.2009
(33) United States of America
United States of America
(47) 03.10.2018

(51) C12N 5/079
C12N 5/0793
C12N 5/0797
(11) EP2986715
(21) EP14785372.5
(22) 17.04.2014
(54) MEDIA COMPOSITIONS FOR NEURONAL CELL CULTURE
(73) Salk Institute for Biological Studies
(72) GAGE, Fred, H.
BARDY, Cedric
(74) J.M.H. Duyver lic.
(31) 201361813034 P
(32) 17.04.2013
(33) United States of America
(47) 22.08.2018

(51) C12N 5/10
C12N 9/48
C07K 14/745
A61K 38/36
C07K 14/755
A61K 38/00
C12N 9/64
A61K 38/37
A61K 9/00
C12P 21/00
(11) EP2591094
(21) EP11738351.3
(22) 08.07.2011
(54) METHOD OF PRODUCING RECOMBINANT ADAMTS13 IN CELL CULTURE
(73) Baxalta Incorporated
Baxalta GmbH
(72) GRILLBERGER, Leopold
REITER, Manfred
FLEISCHANDERL, Daniel
BRAMBERGER, Gregor
(74) mr.ir. F.N. Ferro
(31) 362635 P
(32) 08.07.2010
(33) United States of America
(47) 05.09.2018

(51) C12N 9/02
A61K 38/44
(11) EP3087178
(21) EP14819001.0
(22) 22.12.2014
(54) METHOD FOR PRODUCING OXALATE OXIDASES HAVING ACTIVITY OPTIMUM NEAR PHYSIOLOGICAL PH AND USE OF SUCH RECOMBINANT OXALATE OXIDASES IN THE TREATMENT OF OXALATE-RELATED DISEASES
(73) Nexttobe AB
(72) WANG, Yi
WANG, Xiaofeng
LIU, Haifeng
WANG, Wei
(74) ir. W.J.J.M. Kempes
(31) 13199309
(32) 23.12.2013
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) C12N 9/04
C12P 7/18
(11) EP2679676
(21) EP13001197.6
(22) 06.08.2008
(54) METHODS AND ORGANISMS FOR THE GROWTH-COUPLED PRODUCTION OF 1,4-BUTANEDIOL
(73) Genomatica, Inc.
(72) BURGARD, Anthony P.
VAN DIEN, Stephen J.
BURK, Mark J.
(74) mr.ir. F.N. Ferro
(31) 891602
(32) 10.08.2007
(33) United States of America
(47) 18.07.2018

(51) C12N 9/14
C12N 9/58
C12N 15/80
C12P 21/02
C12N 1/21
C12N 9/10
C12P 21/00
C12N 9/48
(11) EP3019602
(21) EP14738497.8
(22) 10.07.2014
(54) MULTIPLE PROTEASES DEFICIENT FILAMENTOUS FUNGAL CELLS AND METHODS OF USE THEREOF
(73) Glykos Finland Oy
(72) LANDOWSKI, Christopher
HUUSKONEN, Anne
WESTERHOLM-PARVINEN, Ann
SALOHEIMO, Markku
KANERVA, Anne
HILTUNEN, Jukka
(74) drs. C.M.A. Quintelier
(31) 13176001
(32) 10.07.2013
(33) European Patent Office (EPO)
(47) 05.09.2018

(51) C12N 9/16
A61K 48/00
C12N 15/86
(11) EP3074510
(21) EP14812375.5
(22) 25.11.2014
(54) ADENO-ASSOCIATED VIRUS VECTORS FOR TREATMENT OF GLYCOGEN STORAGE DISEASE
(73) University of Florida Research Foundation, Inc.
The United States of America, as represented by The Secretary, Department of Health and Human Services
(72) CHOU, Janice, J.
BYRNE, Barry, J.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361908861 P
(32) 26.11.2013

(33) United States of America
(47) 01.08.2018

(51) C12N 9/18
C12N 15/82
(11) EP2411511
(21) EP10710035.6
(22) 23.03.2010
(54) POLYPEPTIDES HAVING ACETYL XYLAN ESTERASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME
(73) Novozymes A/S
(72) BÖRJESSON, Johan
VIKSOE-NIELSEN, Anders
HANSEN, Peter, Kamp
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 09155966
(32) 24.03.2009
(33) European Patent Office (EPO)
(47) 08.08.2018

(51) C12N 15/10
(11) EP2994543
(21) EP14794348.4
(22) 07.05.2014
(54) DEVICE FOR PREPARATION AND ANALYSIS OF NUCLEIC ACIDS
(73) Micronics, Inc.
(72) LOFQUIST, Alan, K.
BATTRELL, C., Frederick
BOUZEK, Heather, K.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361820582 P
201361820573 P
201361820587 P
(32) 07.05.2013
07.05.2013
07.05.2013
(33) United States of America
United States of America
United States of America
(47) 15.08.2018

(51) C12N 15/113
(11) EP2935586
(21) EP13866064.2
(22) 17.12.2013
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(73) Monsanto Technology LLC
(72) FLASINSKI, Stanislaw
(74) ir. F.A. Geurts c.s.
(31) 201261739720 P
(32) 19.12.2012
(33) United States of America
(47) 18.07.2018

(51) C12N 15/113
A61K 31/7088
(11) EP2864479
(21) EP13809694.6
(22) 25.06.2013
(54) MODULATION OF UBE3A-ATS EXPRESSION
(73) Baylor College Of Medicine
Ionis Pharmaceuticals, Inc.
(72) RIGO, Frank
WARD, Amanda
BEAUDET, Arthur, L.
MENG, Linyan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261664083 P
201261738959 P
201361750939 P
201361755617 P
201361772925 P
(32) 25.06.2012
18.12.2012
10.01.2013
23.01.2013
05.03.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 15.08.2018

(51) C12N 15/113
A61K 31/713
A61P 11/00
A61P 27/00
(11) EP2319925
(21) EP11153604.1
(22) 16.08.2005
(54) Therapeutic uses of inhibitors of RTP801
(73) Quark Pharmaceuticals, Inc.
Silence Therapeutics Aktiengesellschaft
(72) Feinstein, Elena
Kaufmann, Jörg
Giese, Klaus
(74) dr. A. Krebs
(31) 601983 P
604668 P
609786 P
638659 P
664236 P
688943 P
04019405
(32) 17.08.2004
25.08.2004
14.09.2004
22.12.2004
22.03.2005
08.06.2005
16.08.2004
(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
European Patent Office (EPO)
(47) 25.07.2018

(51) C12N 15/13
C07K 16/00
C07K 16/24
(11) EP2970980
(21) EP14768761.0
(22) 07.03.2014
(54) MANUFACTURING METHODS TO CONTROL C-TERMINAL LYSINE, GALACTOSE AND SIALIC ACID CONTENT IN RECOMBINANT PROTEINS
(73) Janssen Biotech, Inc.
Janssen Biologics B.V.
(72) FLIKWEERT, Marcel
GOOCHEE, Charles
MASLANKA, Francis
NAGEL, Francisus Johannes Ignatius
RYLAND, James
SCHAFER, Eugene
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361791094 P
(32) 15.03.2013
(33) United States of America
(47) 15.08.2018

(51) C12N 15/67
(11) EP2970990
(21) EP14729497.9
(22) 13.03.2014
(54) COMPOSITIONS AND METHODS FOR THE PRODUCTION AND DELIVERY OF RNA
(73) Monsanto Technology LLC
(72) BAUM, James A.
CHRISTIAN, Allen T.
EVDOKIMOV, Artem
MOSHIRI, Farhad
WEAVER, Lisa Marie
ZHANG, Haitao
(74) ir. F.A. Geurts c.s.
(31) 201361793506 P
(32) 15.03.2013
(33) United States of America
(47) 18.07.2018

(51) C12N 15/85
C12N 9/22
(11) EP2986729
(21) EP14784879.0
(22) 16.04.2014
(54) TARGETED MODIFICATION OF RAT GENOME
(73) Regeneron Pharmaceuticals, Inc.
(72) LEE, Jeffrey D.
MUJICA, Alexander, O.
AUERBACH, Wojtek
LAI, Ka-Man Venus
VALENZUELA, David M.
YANCOPOULOS, George D.
(74) dr. A. Krebs
(31) 201361812319 P
201361914768 P
(32) 16.04.2013
11.12.2013
(33) United States of America
United States of America
(47) 19.09.2018

(51) C12N 15/85
C12N 9/22
(11) EP3080279
(21) EP14790457.7
(22) 15.10.2014
(54) METHODS AND COMPOSITIONS FOR THE TARGETED MODIFICATION OF A GENOME
(73) Regeneron Pharmaceuticals, Inc.
(72) FRENDEWEY, David
AUERBACH, Wojtek
LAI, Ka-Man Venus
VALENZUELA, David M.
YANCOPOULOS, George D.
(74) dr. A. Krebs
(31) 201361914768 P
201462017416 P
201462029261 P
201462052906 P
201462059527 P

(32) 11.12.2013
26.06.2014
25.07.2014
19.09.2014
03.10.2014
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 26.09.2018

(51) C12P 7/46
C12P 5/02
(11) EP3004363
(21) EP14727795.8
(22) 26.05.2014
(54) METHOD FOR UPGRADING OF A FUEL GAS DURING SUCCINIC ACID PRODUCTION
(73) Technical University of Denmark
(72) ANGELIDAKI, Irini
BRAGI GUNNARSSON, Ingólfur
ALVARADO-MORALES, Merlin
(74) ir. W.J.J.M. Kempes
(31) 13169127
(32) 24.05.2013
(33) European Patent Office (EPO)
(47) 01.08.2018

(51) C12P 13/12
C12R 1/19
(11) EP2292783
(21) EP10250459.4
(22) 11.03.2010
(54) Microorganism producing O-acetyl-homoserine and the method of producing O-acetyl-homoserine using the microorganism
(73) CJ CheilJedang Corporation
(72) Kim, So Young
Shin, Yong Uk
Heo, In Kyung
Kim, Hyun Ah
Seo, Chang Il
Kim, Ju Eun
Son, Sung Kwang
Lee, Sang Mok
Jhon, Sung Hoo
Lee, Han Jin
Na, Kwang Ho
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 550099
(32) 28.08.2009
(33) United States of America
(47) 15.08.2018

(51) C12Q 1/68
(11) EP2802671
(21) EP12806823.6
(22) 12.12.2012
(54) METHODS AND KITS FOR ROOM TEMPERATURE IN SITU DETECTION OF A TARGET NUCLEIC ACID IN A BIOLOGICAL SAMPLE
(73) Cellay, Inc.
(72) AURICH-COSTA, Joan
(74) dr. W.A.H.M. Van Borm
(31) 201161569656 P
(32) 12.12.2011
(33) United States of America
(47) 18.07.2018

(51) C12Q 1/68
(11) EP2809801
(21) EP13701662.2
(22) 31.01.2013
(54) NON-INVASIVE CANCER DIAGNOSIS
(73) Speiser, Paul
(72) ZEILLINGER, Robert
(74) ir. J.D. de Zeeuw
(31) 12153340
(32) 31.01.2012
(33) European Patent Office (EPO)
(47) 25.07.2018

(51) C12Q 1/6888
G06F 19/18
(11) EP2944957
(21) EP15163430.0
(22) 15.12.2004
(54) METHODS AND MATERIALS FOR CANINE BREED IDENTIFICATION
(73) Fred Hutchinson Cancer Research Center
(72) Ostrander, Elaine
Kruglyak, Leonid
Parker, Heidi G.
Kim, Lisa V.
Stephens, Matthew
Malek, Tiffany B.
Sutter, Nathan B.
Carlson, Scott
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 530464 P
(32) 17.12.2003
(33) United States of America
(47) 22.08.2018

(51) C21D 8/04
C21D 9/48
C22C 38/02
C22C 38/04
C22C 38/12
(11) EP3146083
(21) EP15730241.5
(22) 07.05.2015
(54) DOUBLE-ANNEALED STEEL SHEET HAVING HIGH MECHANICAL STRENGTH AND DUCTILITY CHARACTERISTICS, METHOD OF MANUFACTURE AND USE OF SUCH SHEETS
(73) ArcelorMittal
(72) ARLAZAROV, Artem
HELL, Jean-Christophe
KEGEL, Frédéric
(74) ir. A.R. Aalbers
(31) PCT/IB2014/000785
(32) 20.05.2014
(33) World Intellectual Property Office (WIPO)
(47) 25.07.2018

(51) C22C 38/00
C21D 9/48
C22C 38/12
C21D 8/04
C22C 38/02
C22C 38/04
C22C 38/06
(11) EP2412838
(21) EP10756278.7
(22) 25.03.2010
(54) STEEL SHEET FOR CANS WHICH EXHIBITS EXCELLENT SURFACE PROPERTIES AFTER DRAWING AND IRONING, AND PROCESS FOR PRODUCTION THEREOF
(73) JFE Steel Corporation
(72) NAKAGAWA, Yusuke
TADA, Masaki
KOJIMA, Katsumi
IWASA, Hiroki
(74) ir. H.V. Mertens c.s.
(31) 2009077920
(32) 27.03.2009
(33) Japan
(47) 19.09.2018

(51) C22C 38/00
C21D 9/48
C22C 38/14
C22C 38/58
C23C 2/06
C23C 2/28
C22C 18/00
(11) EP2623622
(21) EP11828976.8
(22) 15.09.2011
(54) HIGH-STRENGTH HOT-DIP GALVANIZED STEEL SHEET WITH EXCELLENT DEEP DRAWABILITY AND STRETCH FLANGEABILITY, AND PROCESS FOR PRODUCING SAME
(73) JFE Steel Corporation
(72) KIMURA, Hideyuki
OKUDA, Kaneharu
SUGIHARA, Reiko
(74) mr.ir. F.N. Ferro
(31) 2011163818
2010218922
(32) 27.07.2011
29.09.2010
(33) Japan
Japan
(47) 12.09.2018

(51) C23C 4/10
C23C 4/126
C23C 4/134
C23C 4/02
C04B 35/628
C04B 35/565
C04B 35/583
C04B 35/584
C04B 35/563
(11) EP2914760
(21) EP13785472.5
(22) 01.11.2013
(54) THERMAL SPRAYING OF CERAMIC MATERIALS
(73) SERAM COATINGS AS
(72) ESPALLARGAS, Nuria
MUBAROK, Fahmi
(74) J.M.H. Duyver lic.
(31) 201219642
(32) 01.11.2012
(33) United Kingdom
(47) 25.07.2018

(51) C25F 3/00
A61L 27/00
(11) EP2757182
(21) EP14150896.0
(22) 13.01.2014

(54) PROCESS FOR THE PREPARATON OF A MICROSTRUCTURED ABSORBABLE IMPLANT
(73) Biotronik AG
(72) Bayer, Ullrich
Badendieck, Monika
Peters, Susanne
Drobek, Thomas
Anopuo, Okechukwu
(74) drs. C.H. Mink-Lindenburg
(31) 201361752992 P
(32) 16.01.2013
(33) United States of America
(47) 08.08.2018

(51) D02G 3/44
(11) EP2707527
(21) EP12720183.8
(22) 10.05.2012
(54) YARN, A PROCESS FOR MAKING THE YARN, AND PRODUCTS CONTAINING THE YARN
(73) DSM IP Assets B.V.
(72) VERDAASDONK, Peto
HENSSEN, Giovanni Joseph Ida
(74) ir. W.J.J.M. Kempes
(31) 11165382
(32) 10.05.2011
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) D04H 1/4209
D04H 1/4218
D04H 1/587
E04B 1/76
C09J 103/02
C03C 25/26
(11) EP2488596
(21) EP10785105.7
(22) 13.10.2010
(54) ADHESIVE COMPOSITION FOR MINERAL WOOL INCLUDING A REDUCING SUGAR AND A METAL SALT OF AN INORGANIC ACID, AND INSULATING PRODUCTS THUS OBTAINED
(73) Saint-Gobain Isover
(72) JAFFRENNOU, Boris
OBERT, Edouard
PONS Y MOLL, Olivier
LOHOU, Stéphane
(74) ir. W.J.J.M. Kempes
(31) 0957144
(32) 13.10.2009
(33) France
(47) 03.10.2018

(51) D04H 1/54
D04H 1/435
D04H 1/541
D04H 1/55
B01D 39/16
(11) EP2686473
(21) EP12711519.4
(22) 16.03.2012
(54) HIGH TEMPERATURE TREATED MEDIA
(73) Donaldson Company, Inc.
(72) LITTLE, Daniel
ROGERS, Robert M.
(74) dr. W.A.H.M. Van Borm
(31) 201161454171 P
201161454172 P
(32) 18.03.2011
18.03.2011
(33) United States of America
United States of America
(47) 13.06.2018

(51) D04H 3/04
(11) EP2486178
(21) EP10771590.6
(22) 07.10.2010
(54) BAGS MADE OF OPEN MESH MATERIAL
(73) Starlinger & Co Gesellschaft m.b.H.
(72) FREI, Robert
HEFNER, Corbett
LANDERTSHAMER, Fritz
MUELLER, Alan
(74) ir. C.M. Jansen c.s.
(31) 250299 P
303290 P
305003 P
326069 P
(32) 09.10.2009
10.02.2010
16.02.2010
20.04.2010
(33) United States of America
United States of America
United States of America
United States of America
(47) 22.08.2018

(51) D04H 3/16
D04H 3/007
D04H 3/011
(11) EP3064628
(21) EP14858976.5
(22) 28.10.2014
(54) FIBROUS NETWORK STRUCTURE HAVING EXCELLENT COMPRESSION DURABILITY
(73) Toyobo Co., Ltd.
(72) TANINAKA, Teruyuki
KOBUCHI, Shinichi
WAKUI, Hiroyuki
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013224009
2014011072
2014025091
2014025092
(32) 29.10.2013
24.01.2014
13.02.2014
13.02.2014
(33) Japan
Japan
Japan
Japan
(47) 15.08.2018

(51) D06F 17/04
D06F 58/00
(11) EP2691565
(21) EP12717870.5
(22) 30.03.2012
(54) SYSTEM FOR WASHING GARMENTS IN PLUMBING FIXTURES LIKE SHOWERS, COMBINED BATHTUB - SHOWER AND THE LIKE
(73) Zaglio, Sergio
(72) Zaglio, Sergio
(74) M.L. Huisman
(31) BS20110038
(32) 31.03.2011
(33) Italy
(47) 18.07.2018

(51) D06F 37/28
D06F 39/14
(11) EP3112516
(21) EP16176891.6
(22) 29.06.2016
(54) LAUNDRY TREATMENT APPARATUS
(73) LG ELECTRONICS INC.
(72) LEE, Jihong
GWON, Hyeokjin
JOO, Hyojin
(74) ir. A.R. Aalbers
(31) 20150092784
(32) 30.06.2015
(33) Korea (Republic)
(47) 22.08.2018

(51) D21F 1/00
D21F 7/08
D21F 3/02
(11) EP2847380
(21) EP13725002.3
(22) 09.05.2013
(54) INDUSTRIAL FABRIC INCLUDING SPIRALLY WOUND MATERIAL STRIPS WITH REINFORCEMENT
(73) Albany International Corp.
(72) EAGLES, Dana
HANSEN, Robert
KARLSSON, Jonas
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201213469994
(32) 11.05.2012
(33) United States of America
(47) 25.07.2018

(51) D21F 1/44
(11) EP3218545
(21) EP15794255.8
(22) 06.11.2015
(54) WATERMARK FORMATION ELEMENT
(73) Portals De La Rue Limited
(72) AMES, Christopher John
ASH, Adrian Donald
HOWLAND, Paul
(74) ir. H.J.G. Lips c.s.
(31) 201419956
201419957
201419960
201419978
201419986
201419987
(32) 10.11.2014
10.11.2014
10.11.2014
10.11.2014
10.11.2014
10.11.2014
(33) United Kingdom
United Kingdom
United Kingdom
United Kingdom
United Kingdom
United Kingdom
(47) 26.09.2018

(51) D21H 17/38
D21H 17/44
D21H 17/45
D21H 17/67
D21H 21/06
D21H 21/20
D21H 23/28
(11) EP2888404
(21) EP13745049.0
(22) 31.07.2013
(54) METHOD FOR PRODUCING PAPER, PAPERBOARD AND CARDBOARD
(73) BASF SE
(72) ESSER, Anton
HÄHNLE, Hans-Joachim
(74) ir. W.J.J.M. Kempes
(31) 12181322
(32) 22.08.2012
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) D21H 21/16
D21H 17/07
D21H 17/16
D21H 17/17
D21H 17/37
D21H 17/55
D21H 17/56
D21H 17/15
D21H 17/34
D21H 17/00
(11) EP2961886
(21) EP14757478.4
(22) 24.02.2014
(54) AQUEOUS EMULSION OF A SIZING AGENT
(73) BASF SE
(72) HAUFE, Ingrid
MÖLLER, Klaus
KURUCZ, Attila
(74) ir. W.J.J.M. Kempes
(31) 201361771099 P
13157373
(32) 01.03.2013
01.03.2013
(33) United States of America
European Patent Office (EPO)
(47) 18.07.2018

(51) E01F 9/635
(11) EP2735652
(21) EP13194665.9
(22) 27.11.2013
(54) A traffic-safe and collision energy absorbing pole
(73) Sapa Profiles NL B.V.
(72) van Boxtel, Sebastiaan Johannes Matheus
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2009887
(32) 27.11.2012
(33) Netherlands
(47) 22.08.2018

(51) E02D 5/80
(11) EP2992145
(21) EP14726398.2
(22) 28.04.2014
(54) GROUND ANCHOR
(73) Gripple Limited
(72) SOMERFIELD, Alan
(74) dr. W.A.H.M. Van Borm
(31) 201307655
201405830
201407221
(32) 29.04.2013
01.04.2014
24.04.2014
(33) United Kingdom
United Kingdom
United Kingdom
(47) 15.08.2018

(51) E02F 9/28
(11) EP2210984
(21) EP10162522.6
(22) 29.04.2004
(54) Releasable coupling assembly for a wear member of an excavating equipment
(73) ESCO Group LLC
(72) Briscoe, Terry L.
(74) ir. F.A. Geurts c.s.
(31) 425934
824490
(32) 30.04.2003
15.04.2004
(33) United States of America
United States of America
(47) 01.08.2018

(51) E03C 1/186
E03C 1/18
A47J 47/20
(11) EP2868818
(21) EP14190834.3
(22) 29.10.2014
(54) Sink assembly
(73) Naber Holding GmbH & Co. KG
(72) Naber, Hans-Joachim
Keller, Lisa
(74) J.M.H. Duyver lic.
(31) 202013104890 U
(32) 31.10.2013
(33) Germany
(47) 19.09.2018

(51) E04B 1/38
E04F 15/02
F16B 15/02
F16B 15/06
F16B 15/08
F16B 43/00
F16B 5/00
F16B 15/00
E04F 15/04
(11) EP2906758
(21) EP13844963.2
(22) 09.10.2013
(54) UNIVERSAL FASTENER FOR DECKING
(73) Handy & Harman
(72) SHADWELL, Peter, J.
MAZIARZ, Michael, W.
(74) ir. C.M. Jansen c.s.
(31) 201261711243 P
201361779071 P
(32) 09.10.2012
13.03.2013
(33) United States of America
United States of America
(47) 22.08.2018

(51) E04B 2/74
(11) EP1866492
(21) EP06706955.9
(22) 15.02.2006
(54) C-SHAPED PROFILE AND PARTITION COMPRISING A C-SHAPED PROFILE
(73) Richter-System GmbH & Co. KG
(72) KNAUF, Alfons, Jean
(74) J.M.H. Duyver lic.
(31) 102005016176
(32) 07.04.2005
(33) Germany
(47) 25.07.2018

(51) E04B 5/19
E04B 5/36
E04C 2/04
E04C 2/32
E04C 5/01
E04C 5/07
E04B 1/16
E04F 13/02
E04F 13/075
E04F 13/076
E04F 15/02
E04F 15/10
E04B 1/64
E04B 1/66
E04B 2/84
E04C 2/52
E04F 13/074
(11) EP2686500
(21) EP12761156.4
(22) 16.03.2012
(54) COMPOSITE WALL PANEL, WALL SYSTEM AND COMPONENTS THEREOF, AND A METHOD OF CONSTRUCTION THEREOF
(73) Neil, Peter Mervyn
(72) Neil, Peter Mervyn
(31) 2011900961
(32) 18.03.2011
(33) Australia
(47) 18.07.2018

(51) E04C 2/32
E04C 2/34
B27N 5/00
B32B 3/28
E04F 13/16
E04C 2/10
(11) EP2283192
(21) EP09726348.7
(22) 27.03.2009
(54) ENGINEERED MOLDED FIBERBOARD PANELS AND METHODS OF MAKING AND USING THE SAME
(73) Noble Environmental Technologies Corporation
Usda Forest Service
Noble, Robert
Hunt, John F.
Newburn, Timothy L.
Mahoney, James F.
Gu, Hongmei
(72) NOBLE, Robert
HUNT, John, F.
NEWBURN, Timothy, L.
MAHONEY, James, F.
GU, Hongmei
(74) J.M.H. Duyver lic.
(31) 40596
(32) 28.03.2008

(33) United States of America
(47) 29.08.2018

(51) E04F 21/18
(11) EP3215691
(21) EP15788142.6
(22) 02.10.2015
(54) MECHANISM FOR FASTENING IN A SWIVELLING MANNER A PLATE CARRIER TO A TELESCOPIC MAST OF A PLATE-LIFTING APPARATUS, AND PLATE-LIFTING APPARATUS EQUIPPED WITH THIS MECHANISM
(73) Etablissements Pierre Grehal et Cie SA
(72) MARCON, Lionel
(74) J.M.H. Duyver lic.
(31) 1460721
(32) 06.11.2014
(33) France
(47) 22.08.2018

(51) E04G 7/14
E04G 7/16
(11) EP3218558
(21) EP15830888.2
(22) 13.11.2015
(54) SCAFFOLDING SYSTEM, AS WELL AS A COUPLER OF SUCH SYSTEM AND A METHOD FOR THE MANUFACTURE OF THE COUPLER
(73) Van Thiel United B.V.
(72) VAN DOOREN, Antonius Martinus Gerardus
(74) ir. C.M. Jansen c.s.
(31) 2013802
(32) 14.11.2014
(33) Netherlands
(47) 15.08.2018

(51) E04G 23/02
(11) EP2633137
(21) EP11775975.3
(22) 27.10.2011
(54) ANCHORING THE ENDS OF TENSION MEMBERS ON REINFORCED CONCRETE BEAMS
(73) Sika Technology AG
(72) BERSET, Thierry
BÄNZIGER, Heinz
(74) ir. W.J.J.M. Kempes
(31) 10189323
(32) 28.10.2010
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) E05B 17/18
E05B 47/00
(11) EP3192948
(21) EP17150245.3
(22) 04.01.2017
(54) DUST COVER FOR LOCK CYLINDER KEY CHANNELS
(73) Talleres De Escoriaza, S.A.
(72) ALCELAY BEA, Jose
HERNANDEZ ACOSTA, Ruben
(74) ir. W.J.J.M. Kempes
(31) 201630012
(32) 11.01.2016
(33) Spain
(47) 18.07.2018

(51) E05B 17/20
E05B 63/00
E05B 15/10
E05C 3/16
(11) EP3095933
(21) EP15168182.2
(22) 19.05.2015
(54) LOCK WITH HOOK BOLT
(73) ASSA AB
(72) PÄRUS, Fredrik
JENSEN, Lars
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 18.07.2018

(51) E05B 27/00
(11) EP2947238
(21) EP15171507.5
(22) 16.12.2010
(54) A CYLINDER LOCK AND KEY FOR A CYLINDER LOCK
(73) Assa Oem AB
(72) HERRMANN, Johan
(74) ir. A.R. Aalbers
(31) 0950985
(32) 18.12.2009
(33) Sweden
(47) 08.08.2018

(51) E05B 37/02
E05B 71/02
E05B 37/00
(11) EP2372054
(21) EP11002454.4
(22) 24.03.2011
(54) Permutation lock
(73) ABUS August Bremicker Söhne KG
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102010013400
(32) 30.03.2010
(33) Germany
(47) 22.08.2018

(51) E05B 47/00
E05B 47/02
E05B 65/00
F25D 13/02
(11) EP2240730
(21) EP08700970.0
(22) 02.01.2008
(54) SYSTEM FOR STORING OF GOODS REQUIRING REFRIGERATION AND STORAGE DEVICE ADAPTED FOR USE IN SUCH SYSTEM
(73) Illinois Tool Works Inc.
(72) NAAIJKENS, Peter
DE WILD, Piet
(74) ir. W.J.J.M. Kempes
(47) 18.07.2018

(51) E05B 47/06
(11) EP3162988
(21) EP15192155.8
(22) 29.10.2015
(54) CLOSING DEVICE FOR A DOOR
(73) BKS GmbH
(72) Braam, Reinhold Dr.
Lelie, Christoph
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 15.08.2018

(51) E05D 3/04
(11) EP3155196
(21) EP14729021.7
(22) 11.06.2014
(54) REFRIGERATED SALES FURNITURE
(73) Carrier Corporation
(72) WINDRICH, Ruediger
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 01.08.2018

(51) E06B 3/663
E06B 3/673
(11) EP3161237
(21) EP15729202.0
(22) 19.06.2015
(54) INSULATING GLAZING WITH SPACER AND PRODUCTION METHOD OF SUCH A SPACER AS WELL AS USE OF SUCH A INSULATING GLAZING AS GLAZING FOR A BUILDING
(73) Saint-Gobain Glass France
(72) KUSTER, Hans-Werner
KÖTTE, Rolf
SCHREIBER, Walter
(74) ir. F.A. Geurts c.s.
(31) 14174745
(32) 27.06.2014
(33) European Patent Office (EPO)
(47) 25.07.2018

(51) E06B 9/24
G09F 5/04
G09F 5/00
(11) EP2932499
(21) EP13866059.2
(22) 17.12.2013
(54) DISPLAY TOOL
(73) Sampling International LLC
(72) LYNCH, Anthony
(74) ir. C.M. Jansen c.s.
(31) 201261738222 P
(32) 17.12.2012
(33) United States of America
(47) 18.07.2018

(51) E06B 9/262
E06B 9/322
E06B 9/323
F16H 3/54
F16H 19/06
(11) EP3152380
(21) EP15794989.2
(22) 08.06.2015
(54) WINDOW SHADE, ACTUATING SYSTEM THEREOF, AND METHOD OF OPERATING THE SAME
(73) Teh Yor Co., Ltd.
(72) HUANG, Chin-Tien
YU, Fu-Lai
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462009361 P
201462063019 P
(32) 09.06.2014
13.10.2014
(33) United States of America
United States of America
(47) 15.08.2018

(51) E06B 9/327
E06B 9/388
(11) EP2990584
(21) EP15182917.3
(22) 28.08.2015

(54) METHOD AND FASTENING ELEMENT FOR INSTALLING A SUNSHADE IN A GLAZING PART
(73) Suomen Visor Oy
(72) HAAPALAHTI, Teuvo
HILLIAHO, Esa
LEHTONEN, Markku
PULKKINEN, Markku
SIMONSON, Chad
(74) ir. C.M. Jansen c.s.
(31) 20145746
(32) 28.08.2014
(33) Finland
(47) 25.07.2018

(51) E06B 9/42
E06B 9/50
E06B 9/60
(11) EP3255238
(21) EP16174033.7
(22) 10.06.2016
(54) BLIND ASSEMBLY AND A WINDING DEVICE THEREOF
(73) Lin, Ke-Min
(72) Lin, Ke-Min
(74) mr. dr. H.D. Dokter
(47) 01.08.2018

(51) E06B 9/64
A01K 1/00
E06B 9/40
E06B 9/24
(11) EP3018284
(21) EP15192675.5
(22) 03.11.2015
(54) WINDING DEVICE FOR COVERING OPENINGS OF A BUILDING
(73) Lock Antriebstechnik GmbH
(72) Veit, Christoph
(74) ir. H.V. Mertens c.s.
(31) 202014105368 U
(32) 10.11.2014
(33) Germany
(47) 08.08.2018

(51) E06C 7/14
E06C 7/46
E06C 7/00
E06C 1/393
(11) EP3056656
(21) EP16155070.2
(22) 10.02.2016
(54) DEVICE FOR STORING FEET WHICH CAN BE ATTACHED TO A CLIMBING DEVICE SUCH AS A LADDER, A FOLDING STEP LADDER OR THE LIKE
(73) Hailo-Werk Rudolf Loh GmbH & Co. KG
(72) Pfeifer, Rudolf
Weinhold, Gerd
Ernst, Ulrich
Faut, Alexander
(74) J.M.H. Duyver lic.
(31) 202015100663 U
(32) 11.02.2015
(33) Germany
(47) 29.08.2018

(51) E21B 15/00
E21B 7/02
E04H 12/34
(11) EP2715034
(21) EP12791970.2
(22) 01.06.2012
(54) DRILLING RIG SYSTEM WITH SELF-ELEVATING DRILL FLOOR
(73) National Oilwell Varco, L.P.
(72) KONDUC, Kameron, Wayne
BURLET, Donald, Leonard
(74) ir. W.J.J.M. Kempes
(31) 201161492786 P
(32) 02.06.2011
(33) United States of America
(47) 18.07.2018

(51) E21B 21/10
E21B 23/00
E21B 34/10
(11) EP2785957
(21) EP12806088.6
(22) 28.11.2012
(54) APPARATUS AND METHOD FOR CONTROLLING A DOWNHOLE DEVICE
(73) Oilsco Technologies Limited
(72) MACHOCKI, Krzysztof
(74) ir. H.J.G. Lips c.s.
(31) 201120448
(32) 28.11.2011
(33) United Kingdom
(47) 12.09.2018

(51) E21B 23/02
E21B 33/04
E21B 34/10
(11) EP2532830
(21) EP12169335.2
(22) 24.05.2012
(54) Velocity strings
(73) Weatherford Technology Holdings, LLC
(72) Smith, Roddie R
Maclurg, Michael John
Birner, Wolfgang Horace
(74) ir. C.M. Jansen c.s.
(31) 201108648
(32) 24.05.2011
(33) United Kingdom
(47) 18.07.2018

(51) E21B 23/03
E21B 33/05
E21B 33/068
E21B 34/00
(11) EP2148973
(21) EP08769482.4
(22) 15.05.2008
(54) METHOD AND APPARATUS FOR DROPPING A PUMP DOWN PLUG OR BALL
(73) Gulfstream Services, Inc.
(72) BARBEE, John, Phillip, Jr.
(74) dr. A. Krebs
(31) 749591
951802
(32) 16.05.2007
06.12.2007
(33) United States of America
United States of America
(47) 29.08.2018

(51) E21B 43/00
(11) EP3108088
(21) EP15705983.3
(22) 18.02.2015
(54) METHOD IMPLEMENTED IN A COMPUTER FOR THE NUMERICAL SIMULATION OF A POROUS MEDIUM
(73) Universitat Politécnica De Catalunya
Repsol, S.A.
(72) MOOKANAHALLIPATNA RAMASESHA, Lakshmikantha
SEGURA SERRA, José María
ALVARELLOS IGLESIAS, Jose
CAROL VILARASAU, Ignacio
PRAT CATALAN, Pere
ALIGUER PIFERRER, Ignasi
GAROLERA VINENT, Daniel
(74) ir. A.R. Aalbers
(31) 14382056
(32) 19.02.2014
(33) European Patent Office (EPO)
(47) 22.08.2018

(51) E21B 47/12
E21B 47/16
(11) EP2260176
(21) EP09716767.0
(22) 02.03.2009
(54) MONITORING DOWNHOLE CONDITIONS WITH DRILL STRING DISTRIBUTED MEASUREMENT SYSTEM
(73) Intelliserv International Holding, Ltd
(72) HERNANDEZ, Maximo
(74) ir. C.M. Jansen c.s.
(31) 33249
(32) 03.03.2008
(33) United States of America
(47) 18.07.2018

(51) F01K 25/10
F01K 15/02
F01K 23/06
F25B 43/02
F02G 5/04
C10M 171/00
F01K 15/00
(11) EP2577003
(21) EP11725324.5
(22) 24.05.2011
(54) METHOD AND APPARATUS FOR OPERATING A STEAM CYCLE PROCESS WITH A LUBRICATED EXPANDER
(73) MAN Truck & Bus AG
(72) ALMBAUER, Raimund
KALB, Roland
KIRCHBERGER, Roland
KLAMMER, Josef
(74) ir. J.M.G. Dohmen c.s.
(31) 102010022408
(32) 01.06.2010
(33) Germany
(47) 18.07.2018

(51) F02B 39/16
F02D 45/00
(11) EP3173600
(21) EP15851510.6
(22) 10.02.2015
(54) SURGE DETERMINATION DEVICE, SURGE DETERMINATION METHOD, AND PROGRAM
(73) Mitsubishi Heavy Industries, Ltd.
(72) KUBO, Hiroyoshi
YAMASHITA, Yukio

GOTO, Mitsufumi
SAKAMOTO, Musashi
(74) ir. C.M. Jansen c.s.
(31) 2014209814
(32) 14.10.2014
(33) Japan
(47) 22.08.2018

(51) F02D 41/04
F02D 11/10
F02D 45/00
G05B 11/36
F02D 41/12
F02D 31/00
F02D 41/28
(11) EP2846026
(21) EP13784276.1
(22) 15.04.2013
(54) ENGINE ROTATIONAL SPEED CONTROL APPARATUS
(73) Yanmar Co., Ltd.
(72) HARA, Naohiro
WATANABE, Jun
WAKAHARA, Hiroaki
HAYASHI, Akiyoshi
NAKANISHI, Takao
(74) ir. P.J. Hylarides c.s.
(31) 2012104668
(32) 01.05.2012
(33) Japan
(47) 08.08.2018

(51) F02M 37/00
F02M 21/02
F02D 19/06
(11) EP3146193
(21) EP15751095.9
(22) 18.05.2015
(54) RECIRCULATING SYSTEM FOR A FUEL SUPPLY SYSTEM FOR A MOTOR AND METHOD FOR SUPPLYING FUEL TO A MOTOR OF A VEHICLE THROUGH SUCH A SUPPLY SYSTEM
(73) ICOMET S.R.L
(72) CIPPITANI, Luciano
(74) J.M.H. Duyver lic.
(31) RM20140262
(32) 22.05.2014
(33) Italy
(47) 25.07.2018

(51) F03B 13/18
H02K 5/12
H02K 35/02
H02K 41/03
(11) EP2577047
(21) EP10852284.8
(22) 28.05.2010
(54) A LINEAR GENERATOR FOR SUBMERGED USE AND A METHOD OF PRODUCING ELECTRIC ENERGY
(73) Seabased AB
(72) DORÉ, Erik
WATERS, Rafael
AXELSSON, Fredrik
(74) J.M.H. Duyver lic.
(47) 18.07.2018

(51) F03D 1/00
B66C 1/10
(11) EP2764237
(21) EP12778261.3
(22) 05.10.2012
(54) METHOD AND DEVICE FOR MOUNTING A ROTOR OF A WIND ENERGY PLANT
(73) Wobben Properties GmbH
(72) MEYER, Wolfgang
KUIPER, Gerrit
KNOOP, Frank
(74) ir. C.M. Jansen c.s.
(31) 102011084140
(32) 07.10.2011
(33) Germany
(47) 25.07.2018

(51) F03D 7/06
F03D 7/04
(11) EP2976525
(21) EP14713251.8
(22) 21.03.2014
(54) A TURBINE, TURBINE CONTROLLER AND METHOD OF OPERATION THEREOF
(73) Swift TG Energy (Scotland) Limited
(72) DICKINSON, Sam
FORREST, David
ABDELHAKIM, Ahmed
(74) ir. C.M. Jansen c.s.
(31) 201305221
(32) 21.03.2013
(33) United Kingdom
(47) 18.07.2018

(51) F03D 17/00
F03D 80/60
(11) EP3236064
(21) EP16165806.7
(22) 18.04.2016
(54) METHOD TO DETERMINE A DRY-OUT PERIOD OF A CONVERTER OF A WIND TURBINE
(73) Siemens Aktiengesellschaft
(72) Lund, Mogens
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 01.08.2018

(51) F04B 19/00
F04B 43/12
(11) EP3040554
(21) EP14200556.0
(22) 30.12.2014
(54) MICROFLUIDIC PUMP APPARATUS AND METHODS
(73) Nokia Technologies OY
(72) Kimmel, Jyrki
(74) ir. W.J.J.M. Kempes
(47) 22.08.2018

(51) F04B 49/06
F04B 49/20
(11) EP3228865
(21) EP17162316.8
(22) 22.03.2017
(54) METHOD FOR COMPENSATING FOR CYCLIC DISTURBANCES DURING THE OPERATION OF A PUMP AND CONTROL UNIT
(73) Jenaer Antriebstechnik GmbH
(72) König, Christian
Mitte, Kersten
Noack, Torsten
(74) ir. J.M.G. Dohmen c.s.
(31) 102016106483
(32) 08.04.2016
(33) Germany
(47) 25.07.2018

(51) F04C 25/02
F04B 39/00
F04C 28/28
F04C 29/12
F04C 18/12
(11) EP2926007
(21) EP13783652.4
(22) 28.10.2013
(54) IMPROVEMENTS IN AND RELATING TO VACUUM CONDUITS
(73) Edwards Limited
(72) TURNER, Neil
TATTERSALL, Jack Raymond
HOLBROOK, Alan Ernest Kinnaird
WICKES, Matthew Richard
(74) ir. F.A. Geurts c.s.
(31) 201221575
(32) 30.11.2012
(33) United Kingdom
(47) 01.08.2018

(51) F04D 7/02
F04D 9/00
F04D 9/06
(11) EP2446146
(21) EP10724732.2
(22) 26.05.2010
(54) CIRCULATING SYSTEM FOR FOOD-COMPATIBLE FLUIDS
(73) Schröder Maschinenbau KG
(72) UMBACH, Christoph
(74) ir. J.M.G. Dohmen c.s.
(31) 102009030161
(32) 24.06.2009
(33) Germany
(47) 05.09.2018

(51) F04D 13/06
F04C 2/14
F04D 13/12
F04C 2/08
F04C 13/00
F04C 11/00
(11) EP3115609
(21) EP16172891.0
(22) 03.06.2016
(54) SELF-CLEANING PUMP
(73) AVS Ing. J.C. Römer GmbH
(72) Freund, Stefan Johann
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102015109395
(32) 12.06.2015
(33) Germany
(47) 15.08.2018

(51) F04D 29/02
F04D 29/16
F04D 29/44
F01D 11/12
(11) EP2494210
(21) EP10771600.3
(22) 12.10.2010
(54) MACHINE WITH ABRADABLE RIDGES AND METHOD
(73) Nuovo Pignone S.p.A.
(72) GIOVANNETTI, Lacopo
MICHELASSI, Vittorio
GIANNOZZI, Massimo

GHASRIPOOR, Farshad
GRAY, Dennis, M.
SHENG, Nuo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) CO20090045
(32) 30.10.2009
(33) Italy
(47) 26.09.2018

(51) F04D 29/62
F04D 1/00
F04D 29/20
F04D 29/049
(11) EP2789858
(21) EP12855650.3
(22) 05.12.2012
(54) MAINLINE ELECTRIC OIL PUMP ASSEMBLY AND METHOD FOR ASSEMBLING SAME
(73) Limited Liability Company Neftekamsk Machinery Plant
(72) KUSHNAREV, Vladimir Ivanovich
OBOZNYI, Yury Sergeevich
RYAKHOVSKY, Oleg Anatolievich
GUSKOV, Aleksandr Mikhailovich
PETROV, Aleksei Igorevich
(74) ir. C.M. Jansen c.s.
(31) 2011150131
(32) 09.12.2011
(33) Russian Federation
(47) 18.07.2018

(51) F16H 55/12
(11) EP3222883
(21) EP17161191.6
(22) 15.03.2017
(54) PINION FORMED BY TWO JOINABLE PARTS
(73) System Plast S.r.l.
(72) MULLER, Markus
ZANI, Francesco
VAN DER HOEVEN, Ted
(74) ir. C.M. Jansen c.s.
(31) UA20161929
(32) 23.03.2016
(33) Italy
(47) 25.07.2018

(51) F16L 11/118
F16L 11/20
(11) EP2396582
(21) EP10702626.2
(22) 03.02.2010
(54) METHOD FOR PRODUCING RADIATION MODULES
(73) Bayer Aktiengesellschaft
(72) POGGEL, Martin
KAULING, Jörg
SCHMIDT, Sebastian
BECKERS, Erhard
(74) ir. W.J.J.M. Kempes
(31) 102009009108
(32) 16.02.2009
(33) Germany
(47) 18.07.2018

(51) F16M 13/04
(11) EP2997294
(21) EP14731683.0
(22) 12.05.2014
(54) MINIATURE ONBOARD CAMERA DEVICE FOR SPORT
(73) Piednoir, Jean-Marc
(72) Piednoir, Jean-Marc
(74) ir. C.M. Jansen c.s.
(31) 1301091
(32) 14.05.2013
(33) France
(47) 18.07.2018

(51) F21V 7/00
G01J 1/42
F21V 23/04
G01J 1/04
F21V 31/00
F21V 5/04
F21V 23/00
F21W 111/00
F21Y 115/10
F21Y 103/33
(11) EP2888522
(21) EP13830858.0
(22) 21.08.2013
(54) LIGHT HAVING AN OMNIDIRECTIONAL AMBIENT LIGHT COLLECTOR
(73) SPX Corporation
(72) MCDADE, Nimrod
BRUNER, Russell
KAM, Handani
(74) ir. C.M. Jansen c.s.
(31) 201261691968 P
(32) 22.08.2012
(33) United States of America
(47) 18.07.2018

(51) F22B 1/18
F01K 23/10
(11) EP3203149
(21) EP16305119.6
(22) 03.02.2016
(54) COMBINED-CYCLE CO-GENERATION PROCESS AND INSTALLATION
(73) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(72) POLINE, Tanguy
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 05.09.2018

(51) F23C 3/00
F23D 14/22
F23D 14/78
F23D 14/76
(11) EP2999923
(21) EP13726983.3
(22) 22.05.2013
(54) SUBMERGED COMBUSTION MELTER WITH IMPROVED BURNER AND CORRESPONDING METHOD
(73) Johns Manville
(72) BAKER, John, Wayne
(74) ir. F.A. Geurts c.s.
(47) 15.08.2018

(51) F23D 14/32
C03B 5/235
C03B 5/237
F23D 14/66
F23L 15/00
F23L 15/04
F28D 7/16
F28D 21/00
(11) EP2956416
(21) EP14709730.7
(22) 12.02.2014
(54) INSTALLATION WITH A FURNACE WITH AN EXTERNAL HEAT RECOVERY EXCHANGER AND COMBUSTION METHOD USING SUCH AN INSTALLATION
(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) CONSTANTIN, Gabriel
LEROUX, Bertrand
KALCEVIC, Robert
TSIAVA, Rémi
DUPERRAY, Pascal
GRAND, Benoit
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1351194
(32) 12.02.2013
(33) France
(47) 12.09.2018

(51) F23G 5/44
F23G 5/50
(11) EP2693119
(21) EP11862351.1
(22) 28.03.2011
(54) WASTE MATERIAL SUPPLY DEVICE AND WASTE MATERIAL PROCESSING DEVICE
(73) Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd.
(72) SATO Jun
SAITO Yoshihisa
SHIRAI Toshimasa
YOSHIMITSU Norio
TERABE Yasunori
(74) ir. W.J.J.M. Kempes
(47) 10.10.2018

(51) F23G 5/48
F23G 7/10
F23G 7/00
(11) EP2891843
(21) EP15150184.8
(22) 06.01.2015
(54) Method for combusting waste with a mineral additive
(73) Imerys Ceramics France
(72) RAVAGNANI, Christian
SEVAGEN, Alexandre
PERRONNET, Murielle
(74) ir. C.G.C. Veldman-Dijkers
(31) 14368004
(32) 07.01.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) F23K 5/12
C10L 1/32
F23K 5/14
F02M 25/022
(11) EP3106751
(21) EP15810835.7
(22) 23.06.2015
(54) DEVICE FOR SUPPLYING EMULSIFIED FUEL AND METHOD FOR SUPPLYING SAID FUEL
(73) Fukai, Toshiharu
(72) Fukai, Toshiharu
(74) ir. M.F.J.M. Ketelaars c.s.

(31) 2014128944
2014145254
(32) 24.06.2014
15.07.2014
(33) Japan
Japan
(47) 15.08.2018

(51) F23N 5/12
F23N 5/24
(11) EP3184894
(21) EP16205815.0
(22) 21.12.2016
(54) METHOD AND DEVICE FOR CONTROLLING THE IGNITION AND THE COMBUSTION OF A BURNER
(73) Idea S.p.A.
(72) GIORDANO, Bruno
(74) J.M.H. Duyver lic.
(31) UB20159682
(32) 23.12.2015
(33) Italy
(47) 18.07.2018

(51) F24C 15/20
A62C 3/00
A62C 37/40
(11) EP2859276
(21) EP13823890.2
(22) 07.06.2013
(54) FIRE SUPPRESSION SYSTEMS, DEVICES, AND METHODS
(73) OY Halton Group Ltd.
(72) LIVCHAK, Andrey V.
BAGWELL, Rick A.
MEREDITH, Philip J.
SCHROCK, Derek K.
(74) ir. A.R. Aalbers
(31) 201261656941 P
(32) 07.06.2012
(33) United States of America
(47) 08.08.2018

(51) F24D 3/12
F24D 19/00
F24D 19/10
G05D 23/19
(11) EP2871424
(21) EP13192031.6
(22) 07.11.2013
(54) Method of controlling a heating and/or cooling system and distributor device for a heating and/or cooling system
(73) Grundfos Holding A/S
(72) Sørensen, Erik Baasch
Clausen, Martin
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) F24F 7/06
F24F 13/32
(11) EP3190347
(21) EP17152440.8
(22) 18.02.2010
(54) A FAN
(73) Dyson Technology Limited
(72) GAMMACK, Peter
DYSON, James
(74) ir. C.M. Jansen c.s.
(31) 0903669
0903683
(32) 04.03.2009
04.03.2009
(33) United Kingdom
United Kingdom
(47) 18.07.2018

(51) F24F 9/00
(11) EP2746686
(21) EP13199531.8
(22) 24.12.2013
(54) Device for generating an air wall
(72) Deweerdt, Peter Julien Joseph
(74) M.A.T. Beck MSc LL.B
(31) 201200877
(32) 24.12.2012
(33) Belgium
(47) 18.07.2018

(51) F24F 13/28
F24F 3/16
F24F 7/00
F24F 12/00
(11) EP3259537
(21) EP17710466.8
(22) 14.01.2017
(54) FILTER ARRANGEMENT FOR VENTILATION DEVICE, DECENTRAL VENTILATION SYSTEM WITH FILTER ARRANGEMENT AND ROOM VENTILATION UNIT
(73) Schmitz, Oliver
(72) Schmitz, Oliver
(74) dr. A. Krebs
(31) 102016100551
(32) 14.01.2016
(33) Germany
(47) 26.09.2018

(51) F24H 1/34
F24H 1/36
F24H 9/00
F28F 9/00
F28F 9/22
F24D 3/00
F24H 8/00
F28D 7/16
F24H 1/14
F28D 7/08
F28F 1/04
F28D 21/00
(11) EP3021055
(21) EP14822203.7
(22) 10.07.2014
(54) EXCHANGER FOR HEATING BOILERS
(73) Cordón Urbiola, Jose, Luis
(72) Cordón Urbiola, Jose, Luis
(74) dr. T. Wittop Koning PhD
(31) 201331066
(32) 12.07.2013
(33) Spain
(47) 18.07.2018

(51) F24H 9/20
F23J 15/06
F23N 1/08
F24D 19/10
F28D 21/00
F24H 8/00
(11) EP2796807
(21) EP14165073.9
(22) 17.04.2014
(54) Method for protecting a condenser against overheating
(73) Guillot Industrie
(72) CHAPUIS, David
RENARD, Jérôme
(74) ir. W.J.J.M. Kempes
(31) 1353701
(32) 23.04.2013
(33) France
(47) 18.07.2018

(51) F25B 17/08
(11) EP2769154
(21) EP12775805.0
(22) 01.10.2012
(54) THERMAL METHOD USING A PLURALITY OF SORPTION REACTORS
(73) GAZTRANSPORT ET TECHNIGAZ
(72) LOMBARD, Fabrice
FOURCADE, Hélène
(74) ir. W.J.J.M. Kempes
(31) 1159268
(32) 13.10.2011
(33) France
(47) 18.07.2018

(51) F25B 49/02
F25B 31/00
F25B 41/06
(11) EP2032914
(21) EP06771336.2
(22) 26.05.2006
(54) SUPERHEAT CONTROL FOR HVAC&R SYSTEMS
(73) Carrier Corporation
(72) LIFSON, Alexander
TARAS, Michael F.
LORD, Richard
(74) J.M.H. Duyver lic.
(47) 26.09.2018

(51) F25D 21/00
F25B 49/00
F25D 21/06
F25D 17/00
G01K 13/00
(11) EP2029987
(21) EP07777305.9
(22) 29.05.2007
(54) REFRIGERATION UNIT AND DIAGNOSTIC METHOD THEREFOR
(73) B/E Aerospace, Inc.
(72) BUCK, Gilbert, Walter
(74) ir. F.A. Geurts c.s.
(31) 443557
(32) 30.05.2006
(33) United States of America
(47) 10.10.2018

(51) F25D 31/00
A47J 31/44
(11) EP2278240
(21) EP10006508.5
(22) 23.06.2010
(54) Device and method for producing cooled coffee
(73) FRANKE Kaffeemaschinen AG
(74) J.M.H. Duyver lic.
(31) 102009033507
(32) 15.07.2009
(33) Germany
(47) 15.08.2018

(51) F26B 5/06

(11) EP2447654
(21) EP11008727.7
(22) 02.11.2011
(54) Method for monitoring a freeze drying process and freeze drying system for same
(73) HOF Sonderanlagenbau GmbH
(72) Schilder, Gerhard
Hof, Hans-Georg
(74) ir. H.V. Mertens c.s.
(31) 102010050281
(32) 02.11.2010
(33) Germany
(47) 19.09.2018

(51) F27B 3/08
F27B 3/18
F27B 3/26
F27D 17/00
C21C 5/52
(11) EP2409101
(21) EP10713716.8
(22) 10.03.2010
(54) STEEL PRODUCTION FACILITY
(73) Daou, Rafic Boulos
(72) Daou, Rafic Boulos
(74) ir. W.J.J.M. Kempes
(31) 102009001646
102009029617
(32) 18.03.2009
18.09.2009
(33) Germany
Germany
(47) 18.07.2018

(51) F28D 15/02
F28D 15/04
F28D 15/06
(11) EP2956729
(21) EP14704781.5
(22) 14.02.2014
(54) HEAT TRANSPORT DEVICE WITH DIPHASIC FLUID
(73) Euro Heat Pipes
(72) DUPONT, Vincent
(74) J.M.H. Duyver lic.
(31) 1351282
(32) 14.02.2013
(33) France
(47) 05.09.2018

(51) F28F 9/00
F28F 9/02
F25B 39/00
F28D 1/04
(11) EP2291600
(21) EP09743213.2
(22) 13.04.2009
(54) REFRIGERATION SYSTEM COMPRISING A MICROCHANNEL HEAT EXCHANGER INCLUDING MULTIPLE FLUID CIRCUITS
(73) Carrier Corporation
(72) KIRKWOOD, Allen, C.
(74) J.M.H. Duyver lic.
(31) 50387
(32) 05.05.2008
(33) United States of America
(47) 26.09.2018

(51) F28F 13/00
H01M 10/625
H01M 10/6551
H01M 10/613
(11) EP3230673
(21) EP15787485.0
(22) 09.10.2015
(54) HEAT TRANSFERRING COMPENSATING ELEMENT AND ELECTRICALLY OPERATABLE VEHICLE HAVING SUCH A COMPENSATING ELEMENT
(73) Robert Bosch GmbH
(72) MAIER, Simone
SCHUMACHER, Christoph
JABS, Volker
(74) ir. C.M. Jansen c.s.
(31) 102014225508
(32) 11.12.2014
(33) Germany
(47) 22.08.2018

(51) F41H 1/02
F41H 5/04
(11) EP3132227
(21) EP15717164.6
(22) 17.04.2015
(54) PROTECTIVE CLOTHING UNIT HAVING PREFERABLY TEXTILE FRAGMENT PROTECTION EQUIPMENT
(73) Blücher GmbH
(72) FREIER, Katrin
BÖHRINGER, Bertram
(74) ir. W.J.J.M. Kempes
(31) 102014010246
102014010321
102014110791
(32) 11.07.2014
14.07.2014
30.07.2014
(33) Germany
Germany
Germany
(47) 18.07.2018

(51) F41H 5/04
(11) EP2010858
(21) EP07724620.5
(22) 26.04.2007
(54) MULTILAYERED MATERIAL SHEET
(73) DSM IP Assets B.V.
(72) MARISSEN, Roelof
SIMMELINK, Joseph Arnold Paul Maria
STEEMAN, Reinard Jozef Maria
CALIS, Gijsbertus Hendrikus Maria
MENCKE, Jacobus Johannes
BEUGELS, Jean Hubert Marie
VANEK, David
VAN ELBURG, Johann
PETERS, Alexander Volker
TANDERUP, Steen
(74) ir. W.J.J.M. Kempes
(31) 06008600
06013452
06026725
876544 P
(32) 26.04.2006
29.06.2006
22.12.2006
22.12.2006
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
United States of America
(47) 18.07.2018

(51) F41H 5/04
(11) EP3155359
(21) EP15730450.2
(22) 15.06.2015
(54) FIBROUS TAPE
(73) DSM IP Assets B.V.
(72) VAN PUTTEN, Koen
CALAZANS-BEHN, Marina
MARISSEN, Roelof
VERSPAGEN, Antoon Maria
WEBER, Christa
STEEMAN, Reinard Jozef Maria
(74) ir. W.J.J.M. Kempes
(31) 14172525
(32) 16.06.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) F41H 11/00
(11) EP3073221
(21) EP15290081.7
(22) 23.03.2015
(54) METHOD FOR EVALUATING THE LEVEL OF THREAT
(73) THALES
(72) Labreuche, Christophe
Pouyllau, Hélia
Saveant, Pierre
Semet, Yann
Hamming, Jan-Egbert
Houtsma, Maurice
(74) ir. A.R. Aalbers
(47) 25.07.2018

(51) F42B 3/087
F41H 11/14
F42B 3/02
(11) EP2836786
(21) EP13813698.1
(22) 21.03.2013
(54) LINE CHARGE
(73) Critical Solutions International, Inc.
(72) MANGOLDS, Arnis
FARINELLA, Michael, D.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261686870 P
201213668902
(32) 13.04.2012
05.11.2012
(33) United States of America
United States of America
(47) 22.08.2018

(51) G01B 9/02
(11) EP2904347
(21) EP13844118.3
(22) 03.10.2013
(54) POSITION MONITORING SYSTEM WITH REDUCED NOISE
(73) Zygo Corporation
(72) DECK, Leslie L.
WESLEY, Alexander D.
HOLMES, Michael Lowell
CARANGELO, Robert M.
LIESNER, Jan
(74) ir. W.J.J.M. Kempes
(31) 201261709923 P
(32) 04.10.2012
(33) United States of America

(47) 18.07.2018

(51) G01B 9/02
(11) EP2986929
(21) EP14721551.1
(22) 17.04.2014
(54) INTERFEROMETRIC DISTANCE SENSING DEVICE AND METHOD
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) CHENG, Lun Kai
HAGEN, Ronald Antonius Jan
(74) ir. C.M. Jansen c.s.
(31) 13164178
(32) 17.04.2013
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) G01B 11/02
(11) EP2087310
(21) EP07845028.5
(22) 09.11.2007
(54) METHOD AND APPARATUS FOR OBTAINING THE DISTANCE FROM AN OPTICAL MEASUREMENT INSTRUMENT TO AND OBJECT UNDER TEST
(73) AMO WaveFront Sciences, LLC
(72) BAER, C. David
NEAL, Daniel R.
COPLAND, Richard James
NEAL, David Austin
(31) 857776 P
(32) 09.11.2006
(33) United States of America
(47) 15.08.2018

(51) G01F 1/716
G01F 1/74
H03H 7/38
G01R 33/30
(11) EP2966420
(21) EP15000398.6
(22) 11.02.2015
(54) Method for operating a nuclear magnetic flow meter
(73) Krohne AG
(72) Hogendoorn, Cornelis Johannes
Tromp, Rutger Reinout
Bousché, Olaf Jean Paul
Zoeteweij, Marco Leendert
Ceferino Cerioni, Lucas Matias
(74) ir. W.J.J.M. Kempes
(31) 102014010237
102014015943
(32) 10.07.2014
30.10.2014
(33) Germany
Germany
(47) 18.07.2018

(51) G01F 1/84
(11) EP1963793
(21) EP06819845.6
(22) 29.11.2006
(54) VIBRATORY MEASURING TRANSDUCER
(73) Endress + Hauser Flowtec AG
(72) ANKLIN-IMHOF, Martin
SCHÜTZE, Christian
BITTO, Ennio
HUBER, Christof
MUNDSCHIN, Dieter
LAMBRIGGER, Michael
(74) ir. W.J.J.M. Kempes
(31) 102005062004
102005062007
(32) 22.12.2005
22.12.2005
(33) Germany
Germany
(47) 18.07.2018

(51) G01F 1/86
G01N 9/24
G01N 23/12
(11) EP2067006
(21) EP07808617.0
(22) 28.08.2007
(54) COMPACT GAMMAMETER
(73) ROXAR FLOW MEASUREMENT AS
(72) TJUGUM, Stein-Arild
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20063846
(32) 29.08.2006
(33) Norway
(47) 15.08.2018

(51) G01F 25/00
(11) EP2080999
(21) EP09150775.6
(22) 16.01.2009
(54) Flow Meter Diagnostic Processing
(73) DRESSER, INC.
(72) Artiuch, Roman Leon
(74) ir. C.M. Jansen c.s.
(31) 22025 P
347860
(32) 18.01.2008
31.12.2008
(33) United States of America
United States of America
(47) 18.07.2018

(51) G01L 19/08
G01L 19/14
(11) EP2926105
(21) EP13795044.0
(22) 31.10.2013
(54) OXYGEN SYSTEM HAVING SENSORS WITH A PASSIVE RFD INTERFACE
(73) B/E Aerospace, Inc.
(72) RICHARDSON, Chad
NOEHREN, Wayne
(74) ir. H.J.G. Lips c.s.
(31) 201261732160 P
201314041752
(32) 30.11.2012
30.09.2013
(33) United States of America
United States of America
(47) 03.10.2018

(51) G01M 9/04
A63G 31/00
(11) EP3151937
(21) EP14732104.6
(22) 04.06.2014
(54) AIR DEVIATING DEVICE
(73) Indoor Skydiving Germany GmbH
(72) NEBE, Boris
DOHR, Manuel
(74) ir. M.F.J.M. Ketelaars c.s.

(47) 08.08.2018

(51) G01N 1/31
G01N 33/543
G01N 33/58
B01F 11/00
B01F 13/00
G01N 35/00
(11) EP2625502
(21) EP11831630.6
(22) 06.10.2011
(54) METHOD AND SYSTEM FOR EFFICIENT PROCESSING OF BIOLOGICAL SAMPLES
(73) Biocare Medical, LLC
(72) BARKER, Stephen
AVANTSA, Saradha
(74) ir. H.V. Mertens c.s.
(31) 390437 P
(32) 06.10.2010
(33) United States of America
(47) 05.09.2018

(51) G01N 3/00
G01N 19/04
G01N 3/24
H01L 21/66
(11) EP1776716
(21) EP05740530.0
(22) 05.05.2005
(54) TEST APPARATUS
(73) Nordson Corporation
(72) Sykes, Robert John
(74) ir. C.M. Jansen c.s.
(31) 0411057
(32) 18.05.2004
(33) United Kingdom
(47) 15.08.2018

(51) G01N 27/64
H01J 49/04
G01N 27/62
(11) EP2492677
(21) EP11726316.0
(22) 04.05.2011
(54) SAMPLE INTRODUCING DEVICE FOR ION MOBILITY SPECTROMETER, METHOD FOR USING IT AND ION MOBILITY SPECTROMETER
(73) Nuctech Company Limited
(72) CHEN, Zhiqiang
LI, Yuanjing
PENG, Hua
ZHANG, Zhongxia
XUE, Xin
WANG, Yaoxin
LIN, Jin
YANG, Xiaohui
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201010624253
(32) 31.12.2010
(33) China
(47) 15.08.2018

(51) G01N 29/04
G01N 29/26
G01N 29/44
(11) EP2401606
(21) EP10702114.9
(22) 01.02.2010

(54) A METHOD FOR TESTING PIPELINE WELDS USING ULTRASONIC PHASED ARRAYS
(73) Saipem S.p.A.
(72) CATALDO, Giuseppina
DILIGENT, Olivier
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 0903232
(32) 25.02.2009
(33) United Kingdom
(47) 15.08.2018

(51) G01N 33/22
G01N 33/28
(11) EP2926131
(21) EP13792786.9
(22) 29.10.2013
(54) METHOD FOR MODELLING THE THERMAL BREAKPOINT OF A KEROSENE FRACTION
(73) ExxonMobil Research and Engineering Company
(72) QUANN, Richard, J.
NOVAK, William, J.
QIAN, Kuangnan
RIEDINGER, William, E.
GAUGHAN, Roger, G.
COODING, Beatrice, M.
(74) ir. W.J.J.M. Kempes
(31) 201261731092 P
(32) 29.11.2012
(33) United States of America
(47) 18.07.2018

(51) G01N 33/569
A61K 35/747
C12Q 1/04
A23L 33/135
(11) EP2734845
(21) EP12738122.6
(22) 20.07.2012
(54) PRODUCTION AND USE OF BACTERIAL HISTAMINE
(73) Biogaia AB
(72) VERSALOVIC, James
THOMAS, Carissa Michelle
CONNOLLY, Eamonn
(74) ir. W.J.J.M. Kempes
(31) 201161572742 P
201213552686
(32) 21.07.2011
19.07.2012
(33) United States of America
United States of America
(47) 29.08.2018

(51) G01N 33/569
C07K 16/14
(11) EP2569632
(21) EP11781379.0
(22) 13.05.2011
(54) YEAST CELL WALL COMPONENTS AND DETECTION THEREOF
(73) Alltech, Inc.
(72) MORAN, Colm
KWIATKOWSKI, Stefan
YIANNIKOURIS, Alexandros
THIELEN, Ursula Anne
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 334995 P
(32) 14.05.2010
(33) United States of America
(47) 15.08.2018

(51) G01N 33/569
G01N 21/00
B01L 3/00
(11) EP3171172
(21) EP15003307.4
(22) 20.11.2015
(54) METHOD AND DEVICE FOR DETECTING BACTERIA
(73) Friedrich-Alexander-Universität Erlangen-Nürnberg
Sinamira AG
(72) MIEDL, Walter
FRIEDRICH, Oliver
GILBERT, Daniel
(74) ir. H.V. Mertens c.s.
(47) 18.07.2018

(51) G01N 33/574
(11) EP3270163
(21) EP16179607.3
(22) 15.07.2016
(54) METHOD OF DETECTING PROTEINS IN HUMAN SAMPLES AND USES OF SUCH METHODS
(73) ProteoMediX AG
(72) SCHIESS, Ralph
ENDT, Kathrin
ATHANASIOU, Alcibiade
MACAGNO, Annalisa
STEUBER, Thomas
(74) ir. H.V. Mertens c.s.
(47) 05.09.2018

(51) G01N 33/92
C12Q 1/60
C12Q 1/61
(11) EP2751575
(21) EP12783614.6
(22) 09.11.2012
(54) BLOOD SAMPLE ASSAY METHOD
(73) Axis-Shield AS
(72) FAAREN, Arne, Ludvig
FRANTZEN, Frank
NORDHEI, Arne, Kristian
SUNDREHAGEN, Erling
ØRNING, Lars
(74) J.M.H. Duyver lic.
(31) 201119515
201201154
201201245
(32) 11.11.2011
24.01.2012
25.01.2012
(33) United Kingdom
United Kingdom
United Kingdom
(47) 12.09.2018

(51) G01N 35/00
B01L 9/06
B04B 5/04
G01N 35/04
(11) EP2295983
(21) EP10182778.0
(22) 26.09.2006
(54) Apparatus for processing biological material
(73) QIAGEN GmbH
(72) Schäfer, Andreas
Voit, Thomas
Tschopp, Walter
Geiger, Andrian
Zbinden, Markus
Hibbing, Harald
Karl, Andreas
Eigemeier, Frank
Behrmann, Volker
Schmiede, Andreas
Kopp, Dietmar
(74) ir. W.J.J.M. Kempes
(31) 102006027680
813457 P
05020948
(32) 14.06.2006
14.06.2006
26.09.2005
(33) Germany
United States of America
European Patent Office (EPO)
(47) 18.07.2018

(51) G01P 5/18
G01P 5/22
G01P 5/00
G01F 1/712
G01F 23/00
G01C 13/00
G01F 1/00
G06T 7/20
G01F 1/708
G06T 7/254
(11) EP3018483
(21) EP14192230.2
(22) 07.11.2014
(54) METHOD AND SYSTEM FOR DETERMINING THE VELOCITY AND LEVEL OF A MOVING FLUID SURFACE
(73) photrack AG
(72) Lüthi, Beat
Philippe, Thomas
Peña-Haro, Salvador
(74) J.M.H. Duyver lic.
(47) 01.08.2018

(51) G01R 33/563
G01R 33/56
(11) EP1876464
(21) EP07013026.5
(22) 03.07.2007
(54) Magnetic resonance imaging apparatus, magnetic resonance imaging method and image processing apparatus
(73) Toshiba Medical Systems Corporation
(72) Ichinose, Nobuyasu
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2006188284
(32) 07.07.2006
(33) Japan
(47) 22.08.2018

(51) G01S 7/00
G01S 13/00
(11) EP2430470
(21) EP09779454.9
(22) 12.05.2009
(54) FULL FIDELITY RADAR RECEIVER DIGITAL VIDEO DISTRIBUTION AND PROCESSING
(73) Raytheon Anschütz GmbH
(72) REITER, Carsten
KRÖGER, Steffen

WOHLGEMUTH, Meinhard
WOOD, Thomas, Edward
(74) ir. H.Th. van den Heuvel c.s.
(47) 12.09.2018

(51) G01S 19/19
G01S 19/14
G01S 19/39
(11) EP3144703
(21) EP16189354.0
(22) 16.09.2016
(54) GENERATING TRAIL NETWORK MAPS
(73) Strava Inc.
(72) KITCHEL, Davis
(74) ir. J.M.G. Dohmen c.s.
(31) 201562219533 P
201615265403
(32) 16.09.2015
14.09.2016
(33) United States of America
United States of America
(47) 18.07.2018

(51) G01S 19/23
G01S 19/54
G01S 19/22
(11) EP2488891
(21) EP10822942.8
(22) 08.10.2010
(54) Short and ultra-short baseline look-up mechanism
(73) NovAtel Inc.
(72) FENTON, Patrick, C.
(74) ir. C.M. Jansen c.s.
(31) 579481
(32) 15.10.2009
(33) United States of America
(47) 03.10.2018

(51) G01T 1/164
G01T 1/202
G01T 1/29
(11) EP2461183
(21) EP11184684.6
(22) 11.10.2011
(54) Positron emission tomography detector module, radiation detector, positron emission tomography scanner system, method of processing signals, and method of manufacturing radiation detector module
(73) Toshiba Medical Systems Corporation
(72) Wang, Zhengyan
Burr, Kent
(74) ir. C.M. Jansen c.s.
(31) 907092
2011210687
(32) 19.10.2010
27.09.2011
(33) United States of America
Japan
(47) 03.10.2018

(51) G01V 1/00
G01V 1/37
(11) EP2722689
(21) EP13188920.6
(22) 16.10.2013
(54) Seismic source and method for single sweep intermodulation mitigation
(73) CGG Services SAS
(72) Sallas, John
(74) ir. W.J.J.M. Kempes
(31) 201261716150 P
(32) 19.10.2012
(33) United States of America
(47) 18.07.2018

(51) G01V 1/28
G01V 1/30
(11) EP3028071
(21) EP14742555.7
(22) 25.07.2014
(54) METHOD AND DEVICE FOR THE GENERATION AND APPLICATION OF ANISOTROPIC ELASTIC PARAMETERS IN HORIZONTAL TRANSVERSE ISOTROPIC (HTI) MEDIA
(73) CGG Services SAS
(72) MESDAG, Peter
DEBEYE, Harry
BORNARD, Raphael
(74) ir. W.J.J.M. Kempes
(31) 201361859361 P
(32) 29.07.2013
(33) United States of America
(47) 18.07.2018

(51) G01V 8/20
G01T 1/167
G01V 3/10
(11) EP2985635
(21) EP15180473.9
(22) 11.08.2015
(54) ACCESS CONTROL GATE
(73) Costruzioni Elettroniche Industriali Automatismi S.p.A. C.E.I.A. S.P.A.
(72) MANNESCHI, Alessandro
(74) ir. F.A. Geurts c.s.
(31) 1457832
(32) 14.08.2014
(33) France
(47) 01.08.2018

(51) G01W 1/00
(11) EP2753959
(21) EP12807081.0
(22) 18.06.2012
(54) PREDICTING THE POTENTIAL FOR SEVERE WEATHER
(73) Earth Networks, Inc.
(72) MARSHALL, Robert, S.
SLOOP, Christopher, Dale
BEROUKHIM, Benjamin, E.
LIU, Chonglin
HECKMAN, Stan
HOEKZEMA, Mark, A.
(74) dr. A. Krebs
(31) 201113177266
(32) 06.07.2011
(33) United States of America
(47) 25.07.2018

(51) G02B 5/124
B29D 11/00
(11) EP3043196
(21) EP16000411.5
(22) 25.08.2010
(54) RETROREFLECTIVE ARTICLE COMPRISING RETROREFLECTIVE PRISM ELEMENTS AND AN ETCHED REFLECTIVE METAL COATING
(73) Avery Dennison Corporation
(72) Hannington, Michael
Juby, Anita
Agashe, Nikhil
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 236667 P
(32) 25.08.2009
(33) United States of America
(47) 22.08.2018

(51) G02B 5/18
(11) EP2677350
(21) EP13172843.8
(22) 19.06.2013
(54) Method of manufacturing a diffraction grating
(73) CANON KABUSHIKI KAISHA
(72) Sukegawa, Takashi
Sugiyama, Shigeru
(74) J.M.H. Duyver lic.
(31) 2012138391
(32) 20.06.2012
(33) Japan
(47) 29.08.2018

(51) G02B 27/22
H04N 13/30
(11) EP2720078
(21) EP13188733.3
(22) 15.10.2013
(54) Parallax barrier, designing method thereof and parallax barrier type 3d display device
(73) BOE Technology Group Co., Ltd.
Chengdu BOE Optoelectronics Technology Co., Ltd.
(72) Huang, Xiaomei
Li, Fan
(74) ir. F.A. Geurts c.s.
(31) 201210390243
(32) 15.10.2012
(33) China
(47) 01.08.2018

(51) G02C 7/02
A61B 3/00
(11) EP2954368
(21) EP13707241.9
(22) 11.02.2013
(54) METHOD AND SYSTEM FOR DETERMINING AN EYEGLASS PRESCRIPTION
(73) Carl Zeiss Vision International GmbH
Carl Zeiss Vision Inc.
(72) SPRATT, Ray, Steven
KRATZER, Timo
(74) ir. W.J.J.M. Kempes
(47) 18.07.2018

(51) G02F 1/13357
(11) EP2857891
(21) EP13732073.5
(22) 06.03.2013
(54) BACKLIGHT MODULE AND BACKLIGHT FIXING STRUCTURE USED IN BACKLIGHT MODULE
(73) BOE Technology Group Co., Ltd.
Hefei BOE Display Lighting Co., Ltd.
(72) SUN, Wenbo
(74) ir. F.A. Geurts c.s.
(31) 201220235278 U
(32) 23.05.2012
(33) China
(47) 08.08.2018

(51) G02F 1/1345

(11) EP2772798
(21) EP13195527.0
(22) 03.12.2013
(54) Liquid crystal display and method of fabricating the same
(73) LG Display Co., Ltd.
(72) Jung, Sunghun
(74) ir. A.R. Aalbers
(31) 20130020990
(32) 27.02.2013
(33) Korea (Republic)
(47) 25.07.2018

(51) G03F 7/20
H01L 21/683
(11) EP2637061
(21) EP13162896.8
(22) 08.06.2005
(54) Exposure apparatus, exposure method and method for producing a device
(73) Nikon Corporation
(72) Shibazaki, Yuichi
(74) ir. P.J. Hylarides c.s.
(31) 2004171116
2004205008
(32) 09.06.2004
12.07.2004
(33) Japan
Japan
(47) 18.07.2018

(51) G03G 15/08
(11) EP2378375
(21) EP11162267.6
(22) 13.04.2011
(54) Developer storage body, developing device and image forming apparatus
(73) Oki Data Corporation
(72) Teramura, Osamu
(74) ir. H.Th. van den Heuvel c.s.
(31) 2010094706
(32) 16.04.2010
(33) Japan
(47) 12.09.2018

(51) G03G 15/16
(11) EP2913721
(21) EP15156630.4
(22) 25.02.2015
(54) Cleaning assembly
(73) OCE-Technologies B.V.
(72) Janssen, Willem P.H.A.
Prinsen, Kevin H.J.R.
Zweedijk, Johan J.
Joppen, Sandor H.G.
(31) 14157159
(32) 28.02.2014
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) G05B 15/02
A01J 5/007
(11) EP2914095
(21) EP13789904.3
(22) 30.10.2013
(54) METHOD, COMPUTER PROGRAM, AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING THE MILKING BY A MILKING DEVICE
(73) DeLaval Holding AB
(72) BAHLENBERG, Peter
(74) dr. W.A.H.M. Van Borm
(31) 1251234
201261721067 P
(32) 01.11.2012
01.11.2012
(33) Sweden
United States of America
(47) 10.10.2018

(51) G06F 1/035
(11) EP2126659
(21) EP07748350.1
(22) 20.03.2007
(54) A METHOD FOR USE IN A DIGITAL FREQUENCY SYNTHESIZER
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ZHANG, Yang
(74) ir. C.M. Jansen c.s.
(47) 25.07.2018

(51) G06F 1/16
H04M 1/02
H04M 1/18
H04M 1/23
H01R 13/453
H05K 5/03
(11) EP2911031
(21) EP15155455.7
(22) 17.02.2015
(54) Electronic device and electronic device included in a cover
(73) Samsung Electronics Co., Ltd
(72) Hwang, Seung Hyun
Chun, Hong Moon
Yang, Soon Woong
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140020463
(32) 21.02.2014
(33) Korea (Republic)
(47) 15.08.2018

(51) G06F 1/18
H01R 24/28
H01R 12/91
H01R 13/631
G11B 33/08
H01R 12/71
H01R 12/77
(11) EP2895934
(21) EP13837563.9
(22) 13.09.2013
(54) COMPUTER COMPONENT CONNECTOR
(73) Google LLC
(72) LAU, Michael, Chi, Kin
SPAULDING, Jeffrey, S.
DALAL, Jinal
(74) ir. H.J.G. Lips c.s.
(31) 201261701556 P
201313838880
(32) 14.09.2012
15.03.2013
(33) United States of America
United States of America
(47) 12.09.2018

(51) G06F 1/20
H05K 7/20
(11) EP2707785
(21) EP12786421.3
(22) 11.05.2012
(54) AIR-COOLED DATA CENTER ROWS
(73) Google LLC
(72) CARLSON, Andrew B.
MALONE, Christopher G.
KOWALSKI, Thomas R.
CLIDARAS, Jimmy
(74) ir. H.J.G. Lips c.s.
(31) 201113107205
(32) 13.05.2011
(33) United States of America
(47) 19.09.2018

(51) G06F 1/26
G06F 1/32
H01M 10/44
H02J 7/00
(11) EP2908209
(21) EP15155462.3
(22) 17.02.2015
(54) CHARGING CONTROL METHOD AND DEVICE
(73) Samsung Electronics Co., Ltd
(72) Kim, Jong Min
Choi, Yeong Bok
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140018713
(32) 18.02.2014
(33) Korea (Republic)
(47) 15.08.2018

(51) G06F 1/30
H04L 29/08
G06F 1/32
(11) EP2918062
(21) EP13795377.4
(22) 07.11.2013
(54) AGGREGATION FRAMEWORK USING LOW-POWER ALERT SENSOR
(73) Microsoft Technology Licensing, LLC
(72) HALLMAN, Kimberly Denise Auyang
TAN, Desney
SNYDER, Ira
GLASKOWSKY, Peter
MYRBERG, Mats
HALL, Michael
KOENIG, Michael
WILSON, Andrew
SHIRAKYAN, Greg
DYOR, Matthew
(74) J.M.H. Duyver lic.
(31) 201213671370
(32) 07.11.2012
(33) United States of America
(47) 25.07.2018

(51) G06F 1/32
G06F 9/48
(11) EP2778840
(21) EP14159095.0
(22) 12.03.2014
(54) Techniques for power saving on graphics-related workloads
(73) Intel Corporation
(72) Panneer, Selvakumar
Thomas, Tion A.
Schluessler, Travis T.
Leibel, Adam Z.
(74) ir. W.J.J.M. Kempes
(31) 201313797876
(32) 12.03.2013
(33) United States of America
(47) 25.07.2018

(51) G06F 3/01
G06F 3/0484

H04N 13/00
H04N 5/262
(11) EP2701390
(21) EP13181033.5
(22) 20.08.2013
(54) Apparatus for adjusting displayed picture, display apparatus and display method
(73) BOE Technology Group Co., Ltd.
(72) Wu, Yanbing
Chen, Yanshun
Dong, Youmei
(74) ir. F.A. Geurts c.s.
(31) 201210299615
(32) 21.08.2012
(33) China
(47) 01.08.2018

(51) G06F 3/023
(11) EP2875418
(21) EP13745931.9
(22) 19.07.2013
(54) STRING PREDICTIONS FROM BUFFER
(73) Microsoft Technology Licensing, LLC
(72) YOSHIDA, Taketoshi
TURNER, Jerome
HO, Songming
OIGO, Kazuhide
(74) J.M.H. Duyver lic.
(31) 201213553815
(32) 20.07.2012
(33) United States of America
(47) 29.08.2018

(51) G06F 3/041
G06F 3/044
(11) EP2879026
(21) EP14191002.6
(22) 30.10.2014
(54) Touch sensor integrated type display device
(73) LG Display Co., Ltd.
(72) Kim, Cheolse
Hwang, Sangsoo
(31) 20130146493
(32) 28.11.2013
(33) Korea (Republic)
(47) 29.08.2018

(51) G06F 3/041
G06F 3/044
(11) EP3187985
(21) EP16204009.1
(22) 14.12.2016
(54) TOUCH-INTEGRATED DISPLAY PANEL AND DISPLAY DEVICE HAVING THE SAME
(73) LG Display Co., Ltd.
(72) PARK, SunJa
SEO, Dongmin
KIM, Inseop
(74) ir. A.R. Aalbers
(31) 20150189189
(32) 30.12.2015
(33) Korea (Republic)
(47) 22.08.2018

(51) G06F 3/041
G06F 3/044
G02F 1/1333
G09G 3/3208
G09G 3/36
(11) EP2975498
(21) EP14198464.1
(22) 17.12.2014
(54) In-cell touch display device
(73) LG Display Co., Ltd.
(72) Lee, KiJeong
Kwon, KeukSang
Park, SeungChul
(74) ir. A.R. Aalbers
(31) 20140090038
(32) 16.07.2014
(33) Korea (Republic)
(47) 25.07.2018

(51) G06F 3/041
G06F 17/24
G06K 9/00
G06K 9/22
G06F 3/0488
G06F 3/0354
G06T 11/20
(11) EP3195094
(21) EP15775037.3
(22) 15.09.2015
(54) SMOOTHING AND RENDERING OF DIGITAL INK
(73) Microsoft Technology Licensing, LLC
(72) BONACINA, Silvano
UZELAC, Aleksander
HODGES, Austin Bradley
ABZARIAN, David
SU, Fei
COHEN, Miles M.
HODSDON, Anthony John Rolls
(74) ir. P.J. Hylarides c.s.
(31) 201414486735
(32) 15.09.2014
(33) United States of America
(47) 25.07.2018

(51) G06F 3/0482
(11) EP2735955
(21) EP13190297.5
(22) 25.10.2013
(54) Method and system for selecting a digital object on a user interface screen
(73) Océ-Technologies B.V.
(72) HAGENS, Pascal
JANSEN, Jacoba
KRIKKE, Nanne
(31) 12193555
(32) 21.11.2012
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) G06F 3/0488
G06F 3/0484
G06F 3/0481
(11) EP1950653
(21) EP08100613.2
(22) 17.01.2008
(54) Apparatus and method for improvement of usability of touch screen
(73) Samsung Electronics Co., Ltd.
(72) Yoo, Byung-in
Kim, Seong-woon
Kim, Yeun-bae
Kim, Nam-woo
Yi, Kwon-ju
(74) ir. P.J. Hylarides c.s.
(31) 20070007972
(32) 25.01.2007
(33) Korea (Republic)
(47) 29.08.2018

(51) G06F 3/0488
G06F 21/31
G06F 21/74
G06F 21/82
G06F 3/0486
G06F 21/62
G06F 3/0481
(11) EP2746921
(21) EP13186596.6
(22) 30.09.2013
(54) Method for managing per-application security level and an electronic device thereof
(73) Samsung Electronics Co., Ltd
(72) Park, Ji-Hyun
Namgoong, Bo-Ram
Roh, Byoung-Tack
Lee, Young-Jin
Choi, Bo-Kun
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20120152352
(32) 24.12.2012
(33) Korea (Republic)
(47) 22.08.2018

(51) G06F 3/06
(11) EP3095029
(21) EP14828399.7
(22) 19.12.2014
(54) SET-ASSOCIATIVE HASH TABLE ORGANIZATION FOR EFFICIENT STORAGE AND RETRIEVAL OF DATA IN A STORAGE SYSTEM
(73) NetApp, Inc.
(72) KIMMEL, Jeffrey S.
RAKITZIS, T. Byron
(74) ir. W.J.J.M. Kempes
(31) 201414158608
(32) 17.01.2014
(33) United States of America
(47) 18.07.2018

(51) G06F 3/12
G06F 17/21
G06K 15/02
(11) EP2585902
(21) EP11798695.0
(22) 20.06.2011
(54) OPTIMIZED FONT SUBSETTING FOR A PRINT PATH
(73) Microsoft Technology Licensing, LLC
(72) GURCAN, Ahmet
WIDJAJA, Herman
IVANOV, Hristo
SINGH, Harvinder
VEDBRAT, Kanwal
KNAUFF, Adam
LU, Jianye
(74) ir. P.J. Hylarides c.s.
(31) 820454
(32) 22.06.2010
(33) United States of America
(47) 25.07.2018

(51) G06F 3/147
G06F 1/16
(11) EP2080189
(21) EP07868521.1
(22) 19.10.2007
(54) APPARATUS AND METHOD FOR ALLOWING DISPLAY MODULES

TO COMMUNICATE INFORMATION ABOUT THEMSELVES TO OTHER DISPLAY MODULES IN THE SAME DISPLAY PANEL
(73) D3 Led, LLC
(72) KAY, Jason E.
ROBERTUS, Bryan L.
SWIMLEY, Brett D.
DAUGHENBAUGH, Jason A.
KOON, Jon D.
LUKES, Anthony J.
(74) ir. W.J.J.M. Kempes
(31) 558014
(32) 09.11.2006
(33) United States of America
(47) 18.07.2018

(51) G06F 7/72
(11) EP3121710
(21) EP16176068.1
(22) 23.06.2016
(54) COMPUTATIONAL METHOD, COMPUTATIONAL DEVICE AND COMPUTER SOFTWARE PRODUCT FOR MONTGOMERY DOMAIN
(73) Winbond Electronics Corp.
(72) KALUZHNY, Uri
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 24010015
(32) 22.07.2015
(33) Israel
(47) 15.08.2018

(51) G06F 8/41
G06F 17/27
(11) EP3201766
(21) EP15775889.7
(22) 24.09.2015
(54) SEGMENTING DATA WITH INCLUDED SEPARATORS
(73) Microsoft Technology Licensing, LLC
(72) ANDERSON, Jeffrey, R.
VASA, Sanket, M.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201414504673
(32) 02.10.2014
(33) United States of America
(47) 01.08.2018

(51) G06F 9/30
G06F 5/12
G06F 9/38
(11) EP3175355
(21) EP15801496.9
(22) 27.07.2015
(54) METHOD AND APPARATUS FOR INSTRUCTION PREFETCH
(73) Linear Algebra Technologies Limited
(72) BARRY, Brendan
CONNOR, Fergal
O'RIORDAN, Martin
MOLONEY, David
POWER, Sean
(74) ir. C.M. Jansen c.s.
(31) 201462030913 P
201414457929
(32) 30.07.2014
12.08.2014
(33) United States of America
United States of America
(47) 18.07.2018

(51) G06F 9/30
G06F 9/38
(11) EP2165253
(21) EP08760090.4
(22) 27.05.2008
(54) DATA TRANSFER BETWEEN THREAD REGISTER SETS
(73) Xmos Ltd
(72) MAY, Michael David
HEDINGER, Peter
DIXON, Alastair
(74) ir. J.M.G. Dohmen c.s.
(31) 774315
(32) 06.07.2007
(33) United States of America
(47) 18.07.2018

(51) G06F 9/54
(11) EP3210117
(21) EP15788533.6
(22) 20.10.2015
(54) PRE-FETCH CACHE FOR VISUALIZATION MODIFICATION
(73) Microsoft Technology Licensing, LLC
(72) DATSENKO, Dmitry
KARAS, Vit
AHMED, Haroon
BRUCKNER, Robert M.
GARBUZOV, Andriy
BEREZANSKY, Yury
YASSOUR, Yoav
CHEN, Boaz
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201414518683
(32) 20.10.2014
(33) United States of America
(47) 15.08.2018

(51) G06F 11/20
G06F 11/07
(11) EP3191959
(21) EP15775030.8
(22) 11.09.2015
(54) SCALABLE DATA STORAGE POOLS
(73) Microsoft Technology Licensing, LLC
(72) VENTURA, Ashley P.
RAMANI, Tarun
MEHRA, Karan
RAJPAL, Shiv Kumar
HAVEWALA, Sarosh C.
(74) ir. P.J. Hylarides c.s.
(31) 201414485497
(32) 12.09.2014
(33) United States of America
(47) 25.07.2018

(51) G06F 11/36
(11) EP2165261
(21) EP08755788.0
(22) 16.05.2008
(54) IN-PROCESS DEBUGGING USING EXTERNAL DEBUGGING INFRASTRUCTURE
(73) Microsoft Technology Licensing, LLC
(72) STALL, J., Michael
STRANIK, Jan
BYERS, Richard
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 807246
(32) 25.05.2007
(33) United States of America
(47) 15.08.2018

(51) G06F 12/08
G06F 11/34
G06F 12/084
G06F 12/0846
G06F 12/0864
G06F 12/0895
(11) EP3224727
(21) EP15797233.2
(22) 09.11.2015
(54) GENERATING APPROXIMATE USAGE MEASUREMENTS FOR SHARED CACHE MEMORY SYSTEMS
(73) Qualcomm Incorporated
(72) HOWER, Derek, Robert
CAIN, III, Harold, Wade
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462084469 P
201514860993
(32) 25.11.2014
22.09.2015
(33) United States of America
United States of America
(47) 15.08.2018

(51) G06F 12/084
G06F 12/08
G06F 12/12
G06F 11/34
G06F 12/0846
G06F 12/0842
G06F 12/0831
G06F 12/128
(11) EP3224728
(21) EP15797546.7
(22) 09.11.2015
(54) PROVIDING SHARED CACHE MEMORY ALLOCATION CONTROL IN SHARED CACHE MEMORY SYSTEMS
(73) Qualcomm Incorporated
(72) HOWER, Derek Robert
CAIN, III, Harold Wade
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462084480 P
201514861025
(32) 25.11.2014
22.09.2015
(33) United States of America
United States of America
(47) 15.08.2018

(51) G06F 13/00
H04L 12/64
H04L 29/08
(11) EP3060994
(21) EP14856089.9
(22) 20.10.2014
(54) A ROBUST AND SIMPLE TO CONFIGURE CABLE-REPLACEMENT SYSTEM
(73) Oleumtech Corporation
(72) TANNER, Matthew, A.
(74) ir. J.M.G. Dohmen c.s.
(31) 201314058846
(32) 21.10.2013
(33) United States of America
(47) 22.08.2018

(51) G06F 13/10
H04L 12/16
G06F 3/16

(11) EP2291749
(21) EP09798506.3
(22) 23.06.2009
(54) EXPOSING MULTI-MODE AUDIO DEVICE AS A SINGLE COHERENT AUDIO DEVICE
(73) Microsoft Technology Licensing, LLC
(72) LIU, Cheng-mean
OMIYA, Elliot H .
SISOLAK, Daniel J .
YERRACE , Frank Dominic
(74) ir. P.J. Hylarides c.s.
(31) 144615
(32) 23.06.2008
(33) United States of America
(47) 25.07.2018

(51) G06F 13/40
G06F 13/42
(11) EP3134819
(21) EP15720511.3
(22) 15.04.2015
(54) HYBRID VIRTUAL GPIO
(73) Qualcomm Incorporated
(72) MISHRA, Lalan Jee
WIETFELDT, Richard Dominic
PRASAD, Mohit Kishore
PANIAN, James Lionel
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201461982286 P
201414533431
(32) 21.04.2014
05.11.2014
(33) United States of America
United States of America
(47) 15.08.2018

(51) G06F 15/177
H04L 29/08
G06F 9/44
(11) EP2218018
(21) EP08857688.9
(22) 21.11.2008
(54) EFFICIENT METHOD FOR OPERATING SYSTEM DEPLOYMENT
(73) Microsoft Technology Licensing, LLC
(72) ARAFEH, Samer N.
(74) ir. P.J. Hylarides c.s.
(31) 949495
(32) 03.12.2007
(33) United States of America
(47) 18.07.2018

(51) G06F 17/00
G06F 15/16
G06Q 50/30
G06Q 30/02
H04L 29/06
H04L 29/08
G06F 21/31
G06Q 50/00
(11) EP2721521
(21) EP12802317.3
(22) 18.06.2012
(54) VIRTUAL IDENTITY MANAGER
(73) Microsoft Technology Licensing, LLC
(72) BURGER, Doug
CHENG, Lili
HUANG, Xuedong
PAPARIZOS, Stelios
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201113164681
(32) 20.06.2011
(33) United States of America
(47) 15.08.2018

(51) G06F 17/30
H04N 21/439
H04N 21/454
(11) EP2463855
(21) EP10194510.3
(22) 10.12.2010
(54) Content recognition and censorship
(73) EchoStar Technologies L.L.C.
(72) Mountain, Dale
(74) ir. F.A. Geurts c.s.
(47) 05.09.2018

(51) G06F 19/22
G06N 3/12
(11) EP2856375
(21) EP13728990.6
(22) 31.05.2013
(54) HIGH-CAPACITY STORAGE OF DIGITAL INFORMATION IN DNA
(73) European Molecular Biology Laboratory
(72) GOLDMAN, Nick
BIRNEY, John
(74) ir. C.M. Jansen c.s.
(31) 201261654295 P
(32) 01.06.2012
(33) United States of America
(47) 18.07.2018

(51) G06F 21/00
H04L 29/06
(11) EP2545482
(21) EP11707005.2
(22) 22.02.2011
(54) SECURE DYNAMIC AUTHORITY DELEGATION
(73) Alcatel Lucent
(72) FAYNBERG, Igor
LU, Hui-Lan
(74) ir. W.J.J.M. Kempes
(31) 723049
(32) 12.03.2010
(33) United States of America
(47) 25.07.2018

(51) G06F 21/30
G06F 3/048
(11) EP3093783
(21) EP15733162.0
(22) 06.01.2015
(54) TERMINAL AND METHOD FOR RELEASING LOCKING STATE OF TERMINAL
(73) Samsung Electronics Co., Ltd.
(72) HWANG, Seong-taek
KIM, Chang-yeong
OH, Yun-je
JUNG, Sun-tae
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140001502
(32) 06.01.2014
(33) Korea (Republic)
(47) 26.09.2018

(51) G06F 21/31
G06F 21/62
H04L 29/06
H04L 9/08
H04L 9/32
(11) EP3117357
(21) EP15762420.6
(22) 12.03.2015
(54) SYSTEM AND METHOD OF ENCRYPTING FOLDER IN DEVICE
(73) Samsung Electronics Co., Ltd.
(72) LEE, Jung-kyuen
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140029262
20140098625
(32) 12.03.2014
31.07.2014
(33) Korea (Republic)
Korea (Republic)
(47) 22.08.2018

(51) G06F 21/31
H04L 29/06
H04L 29/08
(11) EP2332114
(21) EP09805369.7
(22) 28.07.2009
(54) FORM FILLING WITH DIGITAL IDENTITIES, AND AUTOMATIC PASSWORD GENERATION
(73) Microsoft Technology Licensing, LLC
(72) SHARIF, Tariq
NANDA, Arun, K.
FRANCO, Roberto, A.
RANDALL, Richard
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 188971
(32) 08.08.2008
(33) United States of America
(47) 22.08.2018

(51) G06F 21/46
G06F 15/16
G06F 21/31
H04L 29/06
(11) EP2965253
(21) EP14760060.5
(22) 27.02.2014
(54) SECURITY CHALLENGE ASSISTED PASSWORD PROXY
(73) Intel Corporation
(72) LI, Hong
WOUHAYBI, Rita H.
KOHLENBERG, Tobias
(74) ir. W.J.J.M. Kempes
(31) 201313785094
(32) 05.03.2013
(33) United States of America
(47) 18.07.2018

(51) G06K 7/10
(11) EP3077954
(21) EP14799980.9
(22) 10.11.2014
(54) COMMUNICATION DEVICE FOR IDENTIFYING AND/OR LOCATING AN RFID TRANSPONDER
(73) Siemens Aktiengesellschaft
(72) MÜLLER, Dominikus Joachim
ZIROFF, Andreas
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102014200037
(32) 07.01.2014
(33) Germany
(47) 15.08.2018

(51) G06K 9/00
(11) EP2702532
(21) EP12719640.0
(22) 27.04.2012
(54) METHOD OF PUPIL SEGMENTATION
(73) Iristrac, LLC
SRI International Inc.
(72) BERGEN, James Russell
(74) ir. J.M.G. Dohmen c.s.
(31) 201113096716
(32) 28.04.2011
(33) United States of America
(47) 29.08.2018

(51) G06K 9/00
G06F 17/30
H04N 5/232
(11) EP2902941
(21) EP14190698.2
(22) 28.10.2014
(54) System and method for visually distinguishing faces in a digital image
(73) Sony Corporation
(72) Sundström, Henrik
(74) J.M.H. Duyver lic.
(31) 201414167115
(32) 29.01.2014
(33) United States of America
(47) 29.08.2018

(51) G06K 9/40
G06T 5/00
(11) EP2697740
(21) EP12770973.1
(22) 16.04.2012
(54) METHOD TO DETERMINE A PIXON MAP IN ITERATIVE IMAGE RECONSTRUCTION
(73) Siemens Medical Solutions USA, Inc.
(72) YAHIL, Amos
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161476012 P
(32) 15.04.2011
(33) United States of America
(47) 15.08.2018

(51) G06K 19/073
G07F 7/10
(11) EP2497055
(21) EP10781422.0
(22) 03.11.2010
(54) SECURE PORTABLE OBJECT
(73) Trusted Logic
(72) REGNAULT, Nicolas
VETILLARD, Eric
(74) ir. C.M. Jansen c.s.
(31) 0905312
(32) 05.11.2009
(33) France
(47) 18.07.2018

(51) G06Q 10/00
G06F 19/00
G06Q 50/22
G06Q 10/10
(11) EP2733648
(21) EP13005579.1
(22) 30.07.2009
(54) Systems and methods for ordering lenses
(73) Carl Zeiss Vision GmbH
(72) Ruenz, Harald
Kratzer, Timo
Cabeza-Guillén, Jesús-Miguel
Krug, Herbert
(74) ir. W.J.J.M. Kempes
(31) 185524
(32) 04.08.2008
(33) United States of America
(47) 18.07.2018

(51) G06Q 10/08
(11) EP2525309
(21) EP11166251.6
(22) 16.05.2011
(54) Stationary or mobile system for providing consumer goods, in particular fresh and frozen foods
(73) Game Changer AG
(72) Krachtus, Werner
(74) ir. M.B. Plaggenborg
(47) 18.07.2018

(51) G06Q 20/10
H04L 29/06
G06Q 20/20
G06Q 20/36
G06Q 40/00
(11) EP1894385
(21) EP06765574.6
(22) 22.06.2006
(54) METHOD AND SYSTEM USING A PORTABLE OBJECT FOR PROVIDING AN EXTENSION TO A SERVER
(73) Gemalto SA
(72) CASTILLO, Laurent
SIEGELIN, Christoph
(74) ir. C.M. Jansen c.s.
(31) 05291370
(32) 24.06.2005
(33) European Patent Office (EPO)
(47) 01.08.2018

(51) G06T 5/20
G06T 5/00
(11) EP2297695
(21) EP09757888.4
(22) 05.06.2009
(54) TECHNIQUES FOR REDUCING NOISE WHILE PRESERVING CONTRAST IN AN IMAGE
(73) FotoNation Limited
(72) COHEN, Noy
(74) ir. F.A. Geurts c.s.
(31) 59450
(32) 06.06.2008
(33) United States of America
(47) 08.08.2018

(51) G06T 5/40
G06T 5/00
(11) EP2232436
(21) EP08862745.0
(22) 17.12.2008
(54) IMAGE PROCESSING APPARATUS AND METHOD WITH CONTRAST CORRECTION
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) DIJK, Judith
SCHUTTE, Klamer
(74) ir. C.M. Jansen c.s.
(31) 07123397
(32) 17.12.2007
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) G06T 7/30
(11) EP2912632
(21) EP13779845.0
(22) 22.10.2013
(54) DETERMINING AN ANATOMICAL ATLAS
(73) Brainlab AG
(72) VILSMEIER, Stefan
(74) ir. C.M. Jansen c.s.
(31) PCT/EP2012/071239
(32) 26.10.2012
(33) World Intellectual Property Office (WIPO)
(47) 12.09.2018

(51) G06T 17/00
G06T 19/00
(11) EP2686834
(21) EP12709059.5
(22) 09.03.2012
(54) IMPROVED VIRTUAL TRY ON SIMULATION SERVICE
(73) Belcurves Ltd
(72) BELL, Alexandra
PERNOD, Erik
RECHE MARTINEZ, Alex
(74) dr. A. Krebs
(31) 201104312
(32) 14.03.2011
(33) United Kingdom
(47) 08.08.2018

(51) G07F 11/04
A47K 10/00
B65D 21/02
(11) EP2887327
(21) EP13199180.4
(22) 20.12.2013
(54) Collecting and dispensing device
(73) Paul Hartmann AG
(72) Schiler, Carsten Dietrich
(74) ir. W.J.J.M. Kempes
(47) 18.07.2018

(51) G08B 13/06
E05G 1/10
G08B 29/18
(11) EP2814011
(21) EP14250083.4
(22) 13.06.2014
(54) A cabinet alarm system and method
(73) Xtra-sense Limited
(72) Jones, Peter
(74) dr. W.A.H.M. Van Borm
(31) 201310600
(32) 13.06.2013
(33) United Kingdom
(47) 25.07.2018

(51) G08B 13/12
G08B 13/14
G02B 6/44
G02B 6/35
H04B 10/071
H04Q 11/00
(11) EP2859539
(21) EP13727940.2
(22) 12.06.2013
(54) CURRENTLESS OPTICAL SWITCH
(73) Loos, Guy
(72) Loos, Guy

(74) ir. C.M. Jansen c.s.
(31) 92020 P
(32) 12.06.2012
(33) Luxembourg
(47) 25.07.2018

(51) G08B 21/18
A61F 13/42
(11) EP2936465
(21) EP12890310.1
(22) 21.12.2012
(54) METHOD AND SYSTEM FOR DETERMINING THE LOCATION OF A FECAL INSULT
(73) Essity Hygiene and Health Aktiebolag
(72) CARNEY, Joshua
CARLÉN, Henrik
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 22.08.2018

(51) G08G 1/04
G08G 1/042
G08G 1/054
(11) EP2599070
(21) EP11735887.9
(22) 27.07.2011
(54) SYSTEM FOR DETECTING THE RUNNING OF A RED LIGHT, AND CORRESPONDING METHOD
(73) Idemia Identity & Security France
(72) CARRION, Grégoire
(74) J.M.H. Duyver lic.
(31) 1056340
(32) 30.07.2010
(33) France
(47) 05.09.2018

(51) G09F 21/04
G09F 27/00
G09F 9/302
B62J 11/00
G09G 3/36
(11) EP2833347
(21) EP14178712.7
(22) 28.07.2014
(54) Operating and/or display unit
(73) Marquardt Verwaltungs-GmbH
(72) Weisser, Dietmar
Kratt, Markus
Dr. Götz, Martin
Leukart, Selina
(74) ir. W.J.J.M. Kempes
(31) 102013012426
(32) 29.07.2013
(33) Germany
(47) 18.07.2018

(51) G09G 3/32
(11) EP2351013
(21) EP09756586.5
(22) 12.11.2009
(54) ELECTROLUMINESCENT DISPLAY INITIAL NON-UNIFORMITY-COMPENSATED DRIVE SIGNAL
(73) Global OLED Technology LLC
(72) LEON, Felipe, Antonio
WHITE, Christopher, Jason
PARRETT, Gary
PRIMERANO, Bruno
(74) J.M.H. Duyver lic.
(31) 274559
(32) 20.11.2008
(33) United States of America
(47) 19.09.2018

(51) G09G 3/32
(11) EP2523182
(21) EP12167672.0
(22) 11.05.2012
(54) Pixel unit circuit, pixel array, display panel and display panel driving method
(73) BOE Technology Group Co., Ltd.
(72) Wu, Zhongyuan
Duan, Liye
Yuan, Guangcai
(74) ir. F.A. Geurts c.s.
(31) 201110124714
(32) 13.05.2011
(33) China
(47) 08.08.2018

(51) G10L 13/00
(11) EP1431958
(21) EP03011580.2
(22) 22.05.2003
(54) Apparatus connectable to or incorporating a device for generating speech, and computer program product therefor
(73) Sony Mobile Communications Inc.
(72) Klinghult, Gunnar
Kerimovska, Nercivan
Tomasson, Anna
(74) ir. W.J.J.M. Kempes
(31) 02445177
(32) 16.12.2002
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) G10L 19/005
G10L 21/038
G10L 19/24
(11) EP3011560
(21) EP14733125.0
(22) 18.06.2014
(54) AUDIO DECODER HAVING A BANDWIDTH EXTENSION MODULE WITH AN ENERGY ADJUSTING MODULE
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) LECOMTE, Jérémie
BAUER, Fabian
SPERSCHNEIDER, Ralph
TRITTHART, Arthur
(74) mr. dr. H.D. Dokter
(31) 13173152
14167050
(32) 21.06.2013
05.05.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 01.08.2018

(51) G10L 19/008
G06F 12/0815
H04S 3/02
(11) EP1908056
(21) EP06743182.5
(22) 21.06.2006
(54) CONCEPT FOR BRIDGING THE GAP BETWEEN PARAMETRIC MULTI-CHANNEL AUDIO CODING AND MATRIXED-SURROUND MULTI-CHANNEL CODING
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
Agere Systems, Inc.
(72) HILPERT, Johannes
FALLER, Christof
LINZMEIER, Karsten
SPERSCHNEIDER, Ralph
(74) mr. dr. H.D. Dokter
(31) 701001 P
323965
(32) 19.07.2005
29.12.2005
(33) United States of America
United States of America
(47) 01.08.2018

(51) G10L 19/008
G10L 19/24
G10L 19/002
(11) EP3114681
(21) EP15758957.3
(22) 26.02.2015
(54) POST-ENCODING BITRATE REDUCTION OF MULTIPLE OBJECT AUDIO
(73) DTS, Inc.
(72) FEJZO, Zoran
(74) ir. C.M. Jansen c.s.
(31) 201414199706
(32) 06.03.2014
(33) United States of America
(47) 25.07.2018

(51) G10L 19/008
G10L 21/038
G10L 19/18
G10L 19/02
(11) EP3025328
(21) EP14739160.1
(22) 15.07.2014
(54) AUDIO DECODER AND RELATED METHOD USING TWO-CHANNEL PROCESSING WITHIN AN INTELLIGENT GAP FILLING FRAMEWORK
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) DISCH, Sascha
NAGEL, Frederik
GEIGER, Ralf
THOSHKAHNA, Balaji Nagendran
SCHMIDT, Konstantin
BAYER, Stefan
NEUKAM, Christian
EDLER, Bernd
HELMRICH, Christian
(74) mr. dr. H.D. Dokter
(31) 13177353
13177350
13177348
13177346
13189366
(32) 22.07.2013
22.07.2013
22.07.2013
22.07.2013
18.10.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)

European Patent Office (EPO)
European Patent Office (EPO)
(47) 01.08.2018

(51) G10L 19/26
G10L 19/02
G10L 19/107
G10L 19/20
(11) EP3079153
(21) EP16166357.0
(22) 23.06.2011
(54) AUDIO DECODING WITH SELECTIVE POST FILTERING
(73) Dolby International AB
(72) RESCH, Barbara
KJOERLING, Kristofer
VILLEMOES, Lars
(74) J.M.H. Duyver lic.
(31) 361237 P
(32) 02.07.2010
(33) United States of America
(47) 01.08.2018

(51) G11B 20/10
G11B 27/034
G11B 27/10
G11B 27/11
G11B 27/32
G11B 27/34
H04S 7/00
H03G 5/16
(11) EP2165331
(21) EP08778498.9
(22) 30.06.2008
(54) METHOD OF SETTING AN EQUALIZER IN AN APPARATUS TO REPRODUCE A MEDIA FILE AND APPARATUS THEREOF
(73) Samsung Electronics Co., Ltd.
(72) PARK, Young-Min
JUN, Dong-Soo
CHOI, Young-Gyoo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20070071683
(32) 18.07.2007
(33) Korea (Republic)
(47) 12.09.2018

(51) G11C 7/20
G11C 7/24
(11) EP2625640
(21) EP11761615.1
(22) 28.09.2011
(54) PHYSICAL UNCLONABLE FUNCTION WITH IMPROVED START-UP BEHAVIOUR
(73) Intrinsic ID B.V.
(72) SCHRIJEN, Geert, Jan
TUYLS, Pim, Theo
VAN DER SLUIS, Erik
SIMONS, Petrus, Wijnandus
(74) ir. C.H. Riem
(31) 10186435
(32) 04.10.2010
(33) European Patent Office (EPO)
(47) 01.08.2018

(51) G11C 11/22
G11C 11/24
G11C 7/10
(11) EP2580757
(21) EP10853021.3
(22) 11.06.2010
(54) VARIABLE IMPEDANCE CIRCUIT CONTROLLED BY A FERROELECTRIC CAPACITOR
(73) Radiant Technologies, Inc.
(72) EVANS, Joseph, Tate
(74) ir. A.R. Aalbers
(47) 01.08.2018

(51) G11C 19/18
G09G 3/36
G11C 19/28
(11) EP2743929
(21) EP13197080.8
(22) 13.12.2013
(54) Shift register unit, gate driver, and display device
(73) BOE Technology Group Co., Ltd.
Hefei BOE Optoelectronics Technology Co., Ltd.
(72) Kong, Yi
Liu, Junhao
(74) J.M.H. Duyver lic.
(31) 201210540296
(32) 13.12.2012
(33) China
(47) 12.09.2018

(51) H01F 1/117
H01F 7/02
H01F 41/16
G09F 7/04
(11) EP2222458
(21) EP08853392.2
(22) 24.11.2008
(54) FLEXIBLE MAGNETIC SHEET SYSTEMS
(73) Magnum Magnetics Corp.
(72) OGDEN, Orval, D., Jr.
LOVE, Tom
KNOWLTON, Jeff
(74) ir. P.J. Hylarides c.s.
(31) 990246 P
45569
276094
(32) 26.11.2007
16.04.2008
21.11.2008
(33) United States of America
United States of America
United States of America
(47) 29.08.2018

(51) H01F 17/06
H01F 27/33
H04B 15/02
H05K 9/00
(11) EP2630648
(21) EP11770748.9
(22) 13.10.2011
(54) DEVICE FOR ABSORBING NOISE
(73) Würth Elektronik eiSos GmbH & Co. KG
(72) KONZ, Oliver
(74) ir. F.A. Geurts c.s.
(31) 102010042743
(32) 21.10.2010
(33) Germany
(47) 18.07.2018

(51) H01J 37/05
H01J 37/244
H01J 37/28
H01J 37/12
(11) EP3161851
(21) EP15734022.5
(22) 25.06.2015
(54) ELECTRON ENERGY LOSS SPECTROMETER
(73) Gatan, Inc.
(72) GUBBENS, Alexander, Jozef
TREVOR, Colin
TWESTEN, Ray, Dudley
BARFELS, Melanie
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462018294 P
201562160381 P
(32) 27.06.2014
12.05.2015
(33) United States of America
United States of America
(47) 15.08.2018

(51) H01J 49/06
H01J 37/05
H01J 49/48
G01N 23/2273
(11) EP2823504
(21) EP12870629.8
(22) 06.03.2012
(54) ANALYSER ARRANGEMENT FOR PARTICLE SPECTROMETER
(73) Scienta Omicron AB
(72) WANNBERG, Björn
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 01.08.2018

(51) H01L 21/027
G03F 7/20
(11) EP3255652
(21) EP17175178.7
(22) 21.06.2005
(54) EXPOSURE APPARATUS, EXPOSURE METHOD AND DEVICE MANUFACTURING METHOD
(73) Nikon Corporation
(72) Nagasaka, Hiroyuki
Shiraishi, Kenichi
(74) ir. P.J. Hylarides c.s.
(31) 2004182343
2004237343
2004327787
(32) 21.06.2004
17.08.2004
11.11.2004
(33) Japan
Japan
Japan
(47) 25.07.2018

(51) H01L 21/335
(11) EP2018663
(21) EP07776709.3
(22) 03.05.2007
(54) METHOD OF FABRICATING SEMICONDUCTOR DEVICES INCLUDING SELF ALIGNED REFRACTORY CONTACTS
(73) Cree, Inc.
(72) SAXLER, Adam, William
SHEPPARD, Scott
(74) ir. H.J.G. Lips c.s.
(31) 434853
(32) 16.05.2006
(33) United States of America

(47) 26.09.2018

(51) H01L 21/68
(11) EP3091567
(21) EP14875898.0
(22) 26.12.2014
(54) SILICON WAFER PRE-ALIGNMENT DEVICE AND METHOD THEREFOR
(73) Shanghai Micro Electronics Equipment (Group) Co., Ltd.
(72) SUN, Weiwang
WANG, Gang
HUANG, Chunxia
HU, Songli
JIANG, Jie
LU, Ruzhan
MOU, Jiyuan
(74) ir. A.R. Aalbers
(31) 201310752191
201410367501
(32) 31.12.2013
29.07.2014
(33) China
China
(47) 08.08.2018

(51) H01L 25/075
H01L 33/62
H01L 33/64
H01L 33/48
H05K 1/02
(11) EP3214662
(21) EP17160854.0
(22) 18.01.2011
(54) LIGHT-EMITTING APPARATUS
(73) Japan Aviation Electronics Industry, Ltd.
(72) KANNO, Hideyuki
(74) ir. H.V. Mertens c.s.
(31) 2010018719
(32) 29.01.2010
(33) Japan
(47) 26.09.2018

(51) H01L 27/32
G09G 3/32
G09G 3/36
(11) EP2359403
(21) EP09745161.1
(22) 03.11.2009
(54) DISPLAY DEVICE WITH CHIPLETS AND HYBRID DRIVE
(73) Global OLED Technology LLC
(72) COK, Ronald Steven
HAMER, John, William
VERES, Janos
(74) J.M.H. Duyver lic.
(31) 272043
(32) 17.11.2008
(33) United States of America
(47) 19.09.2018

(51) H01L 27/32
H01L 51/52
(11) EP1811569
(21) EP07001187.9
(22) 19.01.2007
(54) Organic light emitting display
(73) LG Display Co., Ltd.
(72) Sung, Myeon Chang
Kim, Changnam
Kim, Sangkyoon
Kang, Sun Kil
Yang, Won Jae
Kim, Honggyu
Shin, Young Hoon
Kim, Do Youl
Lee, Honyun Sibeomdanji Samsung Hanshin
Jung, Myung Jong
(74) ir. A.R. Aalbers
(31) 20060006010
20060006537
(32) 19.01.2006
20.01.2006
(33) Korea (Republic)
Korea (Republic)
(47) 25.07.2018

(51) H01L 29/778
H01L 21/338
H01L 29/417
H01L 29/423
H01L 29/20
(11) EP1771876
(21) EP05735706.3
(22) 30.03.2005
(54) METHODS OF FABRICATING NITRIDE-BASED TRANSISTORS WITH A CAP LAYER AND A RECESSED GATE
(73) Cree, Inc.
(72) SHEPPARD, Scott
SMITH, Richard Peter
(74) ir. H.J.G. Lips c.s.
(31) 897726
(32) 23.07.2004
(33) United States of America
(47) 26.09.2018

(51) H01L 29/786
H01L 29/66
H01L 27/12
(11) EP2579315
(21) EP11789385.9
(22) 27.04.2011
(54) METHOD OF MANUFACTURING A THIN FILM TRANSISTOR
(73) Sharp Kabushiki Kaisha
(72) NAKAZAWA, Makoto
(74) ir. W.J.J.M. Kempes
(31) 2010126746
(32) 02.06.2010
(33) Japan
(47) 15.08.2018

(51) H01L 31/0232
H01L 27/146
H04N 5/225
H04N 17/00
(11) EP1772908
(21) EP06020946.7
(22) 05.10.2006
(54) Wafer level image module, method for making the same and apparatus for assembling and testing the same
(73) OmniVision Technologies, Inc.
VisEra Technologies Company Limited
(72) Lee, Hsiao-Wen
Zung, Pai-Chun Peter
Lin, Tzu-Han
(74) ir. C.M. Jansen c.s.
(31) 200510113450
(32) 09.10.2005
(33) China
(47) 03.10.2018

(51) H01L 31/042
(11) EP2929569
(21) EP13818439.5
(22) 05.12.2013
(54) PHOTOVOLTAIC TILE
(73) Hobbyt S.r.l.
(72) BROFFERIO, Sergio
CANETTA, Vittorio
(74) dr. G. Visser-Luirink
(31) MI20122087
(32) 06.12.2012
(33) Italy
(47) 18.07.2018

(51) H01L 33/56
H01L 33/60
H01L 33/48
(11) EP2551928
(21) EP12178090.2
(22) 26.07.2012
(54) Surface-mount light emitting device
(73) Shin-Etsu Chemical Co., Ltd.
(72) Shiobara, Toshio
Taguchi, Yusuke
Kashiwagi, Tsutomu
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011166363
(32) 29.07.2011
(33) Japan
(47) 22.08.2018

(51) H01L 33/62
F21S 4/26
F21K 9/232
H01L 33/64
F21Y 115/10
F21Y 107/00
(11) EP3188264
(21) EP16171214.6
(22) 25.05.2016
(54) LIGHT-EMITTING DIODE LIGHT SOURCE AND LAMP
(73) Liquidleds Lighting Corp.
(72) HUANG, David
(74) ir. P.J. Hylarides c.s.
(31) 105106012
(32) 26.02.2016
(33) Taiwan, Province of China
(47) 25.07.2018

(51) H01L 33/64
H01L 33/38
H01L 33/48
H01L 33/62
(11) EP2711997
(21) EP13185829.2
(22) 24.09.2013
(54) LIGHT EMITTING DEVICE PACKAGE
(73) LG Innotek Co., Ltd.
(72) Kim, Byung Mok
Kang, Bo Hee
Kim, Ha Na
Kodaira, Hiroshi
Tanda, Yuichiro
Ozeki,Satoshi
(74) dr. A. Ellens c.s.
(31) 20120106341
(32) 25.09.2012
(33) Korea (Republic)
(47) 01.08.2018

(51) H01L 45/00

(11) EP3163642
(21) EP16162207.1
(22) 24.03.2016
(54) RESISTIVE MEMORY AND METHOD OF FABRICATING THE SAME
(73) Winbond Electronics Corp.
(72) HSU, Po-Yen
SHEN, Ting-Ying
HO, Chia-Hua
FU, Chih-Cheng
CHEN, Frederick
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201510723998
(32) 29.10.2015
(33) China
(47) 22.08.2018

(51) H01L 51/50
C07D 241/38
C09K 11/06
H01L 51/00
(11) EP2232608
(21) EP08855349.0
(22) 17.11.2008
(54) LIGHT-EMITTING ELEMENT, LIGHT-EMITTING DEVICE, AND ELECTRONIC DEVICE
(73) Semiconductor Energy Laboratory Co, Ltd.
(72) OHSAWA, Nobuharu
INOUE, Hideko
SEO, Satoshi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2007310376
(32) 30.11.2007
(33) Japan
(47) 15.08.2018

(51) H01L 51/52
H01L 27/32
(11) EP2706587
(21) EP12797175.2
(22) 11.06.2012
(54) ORGANIC LIGHT-EMITTING ELEMENT AND LIGHT-EMITTING DEVICE INCLUDING SAME
(73) LG Display Co., Ltd.
(72) LEE, Yeon Keun
MOON, Kyoung Sik
JANG, Seong Su
(74) ir. A.R. Aalbers
(31) 20110055643
(32) 09.06.2011
(33) Korea (Republic)
(47) 08.08.2018

(51) H01L 51/52
H01L 27/32
(11) EP2819201
(21) EP14169419.0
(22) 22.05.2014
(54) Organic light emitting device
(73) LG Display Co., Ltd.
(72) Kim, Shinhan
Joung, SeungRyong
Ahn, So Yeon
Kim, Taeshick
(74) ir. A.R. Aalbers
(31) 20130075881
(32) 28.06.2013
(33) Korea (Republic)
(47) 25.07.2018

(51) H01L 51/52
H01L 51/56
(11) EP3055892
(21) EP14851475.5
(22) 07.10.2014
(54) LAMINATE FOR LIGHT EMITTING DEVICE AND PROCESS OF PREPARING SAME
(73) Saint-Gobain Glass France
(72) LEE, Young-Seong
HAN, Jin-Woo
(74) ir. W.J.J.M. Kempes
(31) 20130119830
(32) 08.10.2013
(33) Korea (Republic)
(47) 18.07.2018

(51) H01L 51/54
(11) EP2786433
(21) EP12798687.5
(22) 30.11.2012
(54) ORGANIC ELECTRONIC DEVICE
(73) Novaled GmbH
(72) DOROK, Sascha
ZÖLLNER, Mike
ROTHE, Carsten
FADHEL, Omrane
(74) ir. P.J. Hylarides c.s.
(31) 11191350
(32) 30.11.2011
(33) European Patent Office (EPO)
(47) 01.08.2018

(51) H01L 51/54
C07F 15/00
C09K 11/06
(11) EP3227936
(21) EP15807983.0
(22) 01.12.2015
(54) LUMINESCENT PALLADIUM(0) AND PLATINUM(0) CARBENE COMPLEXES FOR OLEDS
(73) University Court of The University of St Andrews
(72) CAZIN, Catherine
SAMUEL, Ifor David William
ZYSMAN-COLMAN, Eli
(74) ir. C.M. Jansen c.s.
(31) 201421390
(32) 02.12.2014
(33) United Kingdom
(47) 25.07.2018

(51) H01L 51/54
C08G 16/02
(11) EP3054497
(21) EP14850431.9
(22) 26.09.2014
(54) CHARGE-TRANSPORTING VARNISH
(73) Nissan Chemical Industries, Ltd.
(72) OTANI Naoki
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013206727
(32) 01.10.2013
(33) Japan
(47) 15.08.2018

(51) H01M 2/10
H01M 10/6562
B60L 11/18
B60L 3/00
B60L 3/12
(11) EP3174132
(21) EP15197054.8
(22) 30.11.2015
(54) TRACTION BATTERY
(73) HOPPECKE Batterien GmbH & Co. KG.
(72) KESPER, Heinrich
(74) ir. C.M. Jansen c.s.
(47) 25.07.2018

(51) H01M 2/16
H01M 2/18
H01M 10/42
H01M 10/0525
(11) EP2927993
(21) EP15166552.8
(22) 14.01.2009
(54) SEPARATOR FOR AN ELECTROCHEMICAL DEVICE
(73) LG Chem, Ltd.
Toray Industries, Inc.
(72) Lee, Sang-Young
Kim, Seok-Koo
Kim, Jong-Hun
Hong, Jang-Hyuk
(74) mr.ir. F.N. Ferro
(31) 20080009723
(32) 30.01.2008
(33) Korea (Republic)
(47) 19.09.2018

(51) H01M 8/0662
H01M 8/1231
H01M 4/90
(11) EP3227947
(21) EP15790876.5
(22) 29.10.2015
(54) REGENERATION OF SOLID OXIDE FUEL CELLS
(73) thyssenkrupp AG
ThyssenKrupp Marine Systems GmbH
(72) NEHTER, Pedro
(74) ir. C.M. Jansen c.s.
(31) 102014017724
(32) 02.12.2014
(33) Germany
(47) 26.09.2018

(51) H01P 7/10
(11) EP2748887
(21) EP12759173.3
(22) 23.08.2012
(54) MULTI-MODE FILTER WITH DIELECTRIC RESONATOR SUPPORTING DEGENERATE RESONANT MODES
(73) Mesaplexx Pty Ltd
(72) HENDRY, David Robert
COOPER, Steven John
KENINGTON, Peter Blakeborough
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011903389
201213488172
(32) 23.08.2011
04.06.2012
(33) Australia
United States of America
(47) 15.08.2018

(51) H01R 4/48
H01R 4/52
H01R 12/51
H01R 12/57

(11) EP3136512
(21) EP16186145.5
(22) 29.08.2016
(54) CONNECTOR
(73) Tyco Electronics (Shanghai) Co., Ltd.
(72) FU, Xiaozhi
SHI, Ming
XU, Xiang
ZHANG, Wei
(74) ir. J.D. de Zeeuw
(31) 201520655820 U
(32) 27.08.2015
(33) China
(47) 01.08.2018

(51) H01R 12/71
H01R 12/55
H01R 12/72
H01R 12/75
H01R 13/11
H01R 13/631
H01R 13/20
H01R 101/00
H01R 12/57
H01R 12/53
(11) EP2833480
(21) EP13768161.5
(22) 30.01.2013
(54) ELECTRIC WIRE-SUBSTRATE CONNECTOR
(73) Japan Aviation Electronics Industry, Ltd.
(72) SHIMOJI, Kenichi
(74) ir. H.Th. van den Heuvel c.s.
(31) 2012074033
(32) 28.03.2012
(33) Japan
(47) 12.09.2018

(51) H01R 13/03
H01R 31/08
H01R 101/00
H01H 9/52
(11) EP3176881
(21) EP16201886.5
(22) 02.12.2016
(54) ELECTRICAL CONNECTOR COMPRISING A THERMAL DISSIPATOR AND ELECTRICAL APPARATUS EQUIPPED WITH SUCH A CONNECTOR
(73) Schneider Electric Industries SAS
(72) BLANCHET, Matthieu
SPEZZATTI, Patricia
KILINDJIAN, Christophe
DOMEJEAN, Eric
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1561754
(32) 02.12.2015
(33) France
(47) 15.08.2018

(51) H01R 13/14
H01R 13/11
(11) EP2559112
(21) EP11714943.5
(22) 13.04.2011
(54) ELECTRICAL PLUG-IN CONNECTOR ELEMENT AND PLUG-IN CONNECTOR PART COMPRISING A PLURALITY OF PLUG-IN CONNECTOR ELEMENTS
(73) Pfisterer Kontaktsysteme GmbH
(72) FRANK, Erich
(74) ir. H.V. Mertens c.s.
(31) 102010014980
(32) 14.04.2010
(33) Germany
(47) 05.09.2018

(51) H01R 43/20
H01R 9/24
H01R 24/60
H01R 13/6585
H01R 12/71
H01R 12/72
H01R 13/518
H01R 107/00
(11) EP1974420
(21) EP07702898.3
(22) 19.01.2007
(54) ELECTRICAL CONNECTOR
(73) Tyco Electronics Nederland B.V.
(72) TUIN, Jacobus, Nicolaas
(74) ir. J.D. de Zeeuw
(31) 06001202
(32) 20.01.2006
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) H01S 3/00
G01N 21/95
G01N 21/956
G02F 1/35
G02F 1/39
(11) EP2949015
(21) EP14742754.6
(22) 24.01.2014
(54) 193NM LASER AND INSPECTION SYSTEM
(73) Kla-Tencor Corporation
(72) CHUANG, Yung-Ho Alex
ARMSTRONG, J. Joseph
DRIBINSKI, Vladimir
DENG, Yujun
FIELDEN, John
(74) ir. W.J.J.M. Kempes
(31) 201361756209 P
201414158615
(32) 24.01.2013
17.01.2014
(33) United States of America
United States of America
(47) 01.08.2018

(51) H02G 3/06
(11) EP2647093
(21) EP11767002.6
(22) 07.10.2011
(54) HOLDING DEVICE FOR HOLDING A CABLE
(73) AGRO AG
(72) AUMILLER, Markus
(74) ir. C.M. Jansen c.s.
(31) 20182010
(32) 01.12.2010
(33) Switzerland
(47) 12.09.2018

(51) H02G 15/00
H01R 4/36
(11) EP3185380
(21) EP15202257.0
(22) 23.12.2015
(54) A HIGH VOLTAGE POWER CABLE JOINT DEVICE AND A POWER CABLE COMPRISING THE SAME
(73) NKT HV Cables GmbH
(72) SALTZER, Markus
FÄLTH, Fredrik
AXELSSON, Fredrik
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 25.07.2018

(51) H02H 1/04
H02H 3/08
H02H 3/38
H02H 3/42
H02H 9/00
H02H 9/02
H03K 17/00
H03K 17/081
H03K 17/082
(11) EP3186865
(21) EP15757226.4
(22) 27.08.2015
(54) ELECTRONIC CIRCUIT BREAKER
(73) Ellenberger & Poensgen GmbH
(72) ASANZA MALDONADO, Diego Fernando
(74) ir. P.J. Hylarides c.s.
(31) 102014012828
(32) 28.08.2014
(33) Germany
(47) 18.07.2018

(51) H02J 3/14
H02J 3/32
H02J 3/38
(11) EP2917991
(21) EP13818370.2
(22) 06.11.2013
(54) ARCHITECTURE AND MANAGEMENT SYSTEM AND DEVICE FOR MICRO-GRIDS WITH ENERGY GENERATION, STORAGE AND CONSUMPTION, OF THE TOTALLY INTEGRATED, DYNAMIC AND SELF-CONFIGURABLE TYPE
(73) Regal Grid Srl
(72) SPOTTI, Davide
(74) J.M.H. Duyver lic.
(31) TV20120208
(32) 07.11.2012
(33) Italy
(47) 18.07.2018

(51) H02J 3/38
(11) EP2461455
(21) EP11191899.1
(22) 05.12.2011
(54) Photovoltaic device
(73) SMA Solar Technology AG
(72) Lenz, Thomas
Knaup, Dr. Peter
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 202010016207 U
(32) 03.12.2010
(33) Germany
(47) 08.08.2018

(51) H02J 3/38
G01R 27/02
G01R 27/18
(11) EP3259820
(21) EP16700886.1
(22) 18.01.2016

(54) APPARATUS FOR DETERMINING INSULATION RESISTANCE AT A PV GENERATOR, AND PHOTOVOLTAIC INSTALLATION
(73) SMA Solar Technology AG
(72) WILLENBERG, Mario
HERMELING, Dirk
BERGS, Volker
NESEMANN, Karl
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102015102310
(32) 18.02.2015
(33) Germany
(47) 22.08.2018

(51) H02J 3/38
H02H 3/16
(11) EP3269017
(21) EP17713243.8
(22) 23.03.2017
(54) SOLAR MODULE, OPERATING METHOD FOR A SOLAR MODULE, AND PHOTOVOLTAIC SYSTEM
(73) SMA Solar Technology AG
(72) FALK, Andreas
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102016105930
(32) 31.03.2016
(33) Germany
(47) 22.08.2018

(51) H02J 7/00
(11) EP3101755
(21) EP14880730.8
(22) 14.05.2014
(54) BATTERY CHARGING APPARATUS AND BATTERY CHARGING PROTECTION CONTROL METHOD
(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(72) ZHANG, Jialiang
WU, Kewei
CHENG, Wenqiang
HU, Yuanxiang
(74) ir. A.R. Aalbers
(31) 201410043218
(32) 28.01.2014
(33) China
(47) 29.08.2018

(51) H02J 9/08
H02J 3/38
(11) EP2645530
(21) EP12161408.5
(22) 27.03.2012
(54) Method for controlling a wind farm, wind farm controller, wind farm, computer-readable medium and program element
(73) Siemens Aktiengesellschaft
(72) Bech, John
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 15.08.2018

(51) H02K 1/27
H02K 15/03
H02K 41/03
(11) EP3276794
(21) EP16181819.0
(22) 29.07.2016
(54) ROTOR FOR SYNCHRONOUS MOTOR
(73) ETEL S.A.
(72) GAUSE, Alfred
FASOLO, Alessandro
KOMAREVSKIY, Nicolay
POURCHET, Johann
(74) ir. H.V. Mertens c.s.
(47) 19.09.2018

(51) H02K 7/02
(11) EP3130065
(21) EP15722271.2
(22) 07.04.2015
(54) A FLYWHEEL SYSTEM
(73) S4 Energy B.V.
(72) TEERLINK, Peter
(74) ir. P.J. Hylarides c.s.
(31) 2012577
(32) 07.04.2014
(33) Netherlands
(47) 25.07.2018

(51) H03K 17/73
H03K 17/0814
(11) EP3076551
(21) EP16163180.9
(22) 31.03.2016
(54) A METHOD FOR CONTROL OF A VOLTAGE ON TERMINALS OF A POWER SEMICONDUCTOR IN AN ELECTRIC POWER CIRCUIT AND ELECTRIC POWER CIRCUIT
(73) Energy Technology S.r.l.
(72) TADDIA, Giuseppe
TENCONI, Sandro Maria
(74) ir. M.F.J.M. Ketelaars c.s.
(31) BO20150160
(32) 01.04.2015
(33) Italy
(47) 22.08.2018

(51) H03M 13/27
H03M 13/35
H04L 1/00
H03M 13/15
H03M 13/11
H03M 13/29
(11) EP2766995
(21) EP12839262.8
(22) 15.10.2012
(54) ENCODING APPARATUS AND ENCODING METHOD IN DATA COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) HWANG, Sung-Hee
PARK, Kyung-Mo
YANG, Hyun-Koo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20110104870
(32) 13.10.2011
(33) Korea (Republic)
(47) 19.09.2018

(51) H04B 7/005
H04L 1/18
H04L 1/16
(11) EP2103000
(21) EP07804622.4
(22) 18.07.2007
(54) POWER FOR UPLINK ACKNOWLEDGMENT TRANSMISSION
(73) Nokia Technologies Oy
(72) RANTA-AHO, Karri
NAKAMATA, Masatoshi
KAIKKONEN, Jorma
(74) ir. W.J.J.M. Kempes
(31) 879694 P
(32) 09.01.2007
(33) United States of America
(47) 22.08.2018

(51) H04B 7/02
H04W 88/04
H04B 7/15
(11) EP3090494
(21) EP13900841.1
(22) 30.12.2013
(54) METHOD FOR ENABLING A BASE STATION TO DECODE DATA RECEIVED FROM A FIRST WIRELESS DEVICE USING A NETWORK CODED FORM OF THE DATA RECEIVED FROM A SECOND WIRELESS DEVICE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) GATTAMI, Ather
FODOR, Gabor
PRADINI, Aidilla
(74) ir. C.M. Jansen c.s.
(47) 25.07.2018

(51) H04B 7/022
H04L 27/26
H04L 1/06
H04L 1/00
H04H 20/30
H04B 7/06
H04H 20/67
H04L 5/00
(11) EP2078356
(21) EP07833751.6
(22) 31.10.2007
(54) WIRELESS COMMUNICATION SYSTEM AND METHODOLOGY FOR COMMUNICATING VIA MULTIPLE INFORMATION STREAMS
(73) Samsung Electronics Co., Ltd.
(72) HAN, Jin-Kyu
KHAN, Farooq
VAN RENSBURG, Cornelius
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 554726
(32) 31.10.2006
(33) United States of America
(47) 22.08.2018

(51) H04B 7/024
(11) EP2661819
(21) EP12702336.4
(22) 06.01.2012
(54) METHOD, SYSTEM AND APPARATUS FOR DOWNLINK SHARED CHANNEL RECEPTION IN COOPERATIVE MULTIPOINT TRANSMISSIONS
(73) Interdigital Patent Holdings, Inc.
(72) ZHANG, Guodong
PELLETIER, Ghyslain
HAGHIGHAT, Afshin
MARINIER, Paul
CAVE, Christopher
ADJAKPLE, Pascal M.
TSAI, Allan Y.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161430647 P
201161480746 P
201161556062 P
(32) 07.01.2011

29.04.2011
04.11.2011
(33) United States of America
United States of America
United States of America
(47) 25.07.2018

(51) H04B 7/04
H04B 7/26
(11) EP2670058
(21) EP11857045.6
(22) 11.05.2011
(54) METHOD AND DEVICE FOR LOW-COMPLEXITY FEEDBACK IN A MULTIUSER AND MULTIPOINT COOPERATIVE COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) LI, Hua
CHOI, Jun Il
CLERCKX, Bruno
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201110035983
20110024270
(32) 30.01.2011
18.03.2011
(33) China
Korea (Republic)
(47) 15.08.2018

(51) H04B 7/06
H04B 7/08
(11) EP2997666
(21) EP14798565.9
(22) 19.05.2014
(54) METHODS FOR LINEAR RF BEAM SEARCH IN MILLIMETER WAVE COMMUNICATION SYSTEM WITH HYBRID BEAM-FORMING
(73) Samsung Electronics Co., Ltd.
(72) RAHMAN, Md. Saifur
JOSIAM, Kaushik Morapakkam
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361824862 P
201361861300 P
(32) 17.05.2013
01.08.2013
(33) United States of America
United States of America
(47) 22.08.2018

(51) H04B 7/26
H04B 7/04
H04L 5/00
(11) EP2905909
(21) EP13844260.3
(22) 04.10.2013
(54) METHOD AND APPARATUS FOR TRANSRECEIVING DOWNLINK SIGNAL BY CONSIDERING ANTENNA PORT RELATIONSHIP IN WIRELESS COMMUNICATION SYSTEM
(73) LG Electronics Inc.
(72) PARK, Jonghyun
SEO, Inkwon
SEO, Hanbyul
KIM, Kijun
YANG, Suckchel
(74) ir. F.A. Geurts c.s.
(31) 201261709975 P
201261713616 P
201261714729 P
201261724304 P
201261729301 P
(32) 04.10.2012
14.10.2012
16.10.2012
09.11.2012
21.11.2012
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 15.08.2018

(51) H04B 10/071
H04B 10/114
H04N 7/15
(11) EP3079276
(21) EP15162665.2
(22) 07.04.2015
(54) METHOD FOR CONFIGURING AN INFRARED AUDIO TRANSMISSION SYSTEM AND APPARATUS FOR USING IT
(73) Televic Conference NV
(74) M.A.T. Beck MSc LL.B
(47) 18.07.2018

(51) H04J 11/00
H04L 1/00
H04L 1/02
H04B 17/24
H04B 17/345
H04W 72/08
H04W 24/00
H04L 5/00
H04W 72/04
(11) EP2938016
(21) EP15165367.2
(22) 22.10.2009
(54) METHOD AND APPARATUS FOR INTERFERENCE REPORTING IN A N-MIMO COMMUNICATION SYSTEM
(73) Qualcomm Incorporated
(72) Palanki, Ravi
Gorokhov, Alexei Y.
Bhushan, Naga
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 108278 P
162613 P
580139
(32) 24.10.2008
23.03.2009
15.10.2009
(33) United States of America
United States of America
United States of America
(47) 22.08.2018

(51) H04J 11/00
H04W 72/12
H04W 72/04
H04L 5/00
(11) EP2905914
(21) EP13843134.1
(22) 04.10.2013
(54) METHOD AND APPARATUS FOR TRANSRECEIVING DOWNLINK SIGNAL BY CONSIDERING ANTENNA PORT RELATIONSHIP IN WIRELESS COMMUNICATION SYSTEM
(73) LG Electronics Inc.
(72) PARK, Jonghyun
KIM, Kijun
SEO, Hanbyul
(74) ir. F.A. Geurts c.s.
(31) 201261709975 P
201261729301 P
(32) 04.10.2012
21.11.2012
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04L 1/16
H04L 5/00
H04L 1/18
H04W 72/00
(11) EP3175569
(21) EP15750200.6
(22) 29.07.2015
(54) CELLULAR FEEDBACK TRANSMISSION FOR USER EQUIPMENTS ENABLING DEVICE-TO-DEVICE COMMUNICATIONS
(73) Microsoft Technology Licensing, LLC
(72) LEI, Haipeng
ZHANG, Zhi
(74) J.M.H. Duyver lic.
(31) 201410370852
201414502814
(32) 31.07.2014
30.09.2014
(33) China
United States of America
(47) 29.08.2018

(51) H04L 1/16
H04L 5/00
H04W 72/12
(11) EP2484039
(21) EP10773757.9
(22) 01.10.2010
(54) UPLINK CONTROL DATA TRANSMISSION
(73) InterDigital Patent Holdings, Inc.
(72) NAYEB NAZAR, Shahrokh
PAN, Kyle
OLESEN, Robert, L.
PELLETIER, Ghyslain
RUDOLF, Marian
MARINIER, Paul
DENNEAN, Charles, A.
DICK, Stephen, G.
TSAI, Allan, Y.
CAVE, Christopher
KOO, Chang-soo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 356316 P
356250 P
304370 P
320172 P
356449 P
247679 P
356281 P
320494 P
329743 P
373706 P
(32) 18.06.2010

18.06.2010
12.02.2010
01.04.2010
18.06.2010
01.10.2009
18.06.2010
02.04.2010
30.04.2010
13.08.2010
(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
United States of America
United States of America
United States of America
(47) 15.08.2018

(51) H04L 1/18
(11) EP2245783
(21) EP08707684.0
(22) 12.02.2008
(54) CONTROLLING POINT-TO-MULTIPOINT TRANSMISSIONS OF CONTENT DATA OVER A RADIO INTERFACE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LOHMAR, Thorsten
RÖNNEKE, Hans, Bertil
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) H04L 1/18
(11) EP3089392
(21) EP16167697.8
(22) 29.04.2016
(54) DEVICE AND METHOD OF HANDLING HARQ OPERATION FOR UNLICENSED BAND
(73) HTC Corporation
(72) Wu, Chih-Hsiang
(74) ir. J.D. de Zeeuw
(31) 201562154135 P
(32) 29.04.2015
(33) United States of America
(47) 29.08.2018

(51) H04L 5/00
(11) EP2304912
(21) EP09803165.1
(22) 30.07.2009
(54) METHOD AND APPARATUS FOR ALLOCATING RESOURCE OF MULTIPLE CARRIERS IN OFDMA SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) YU, Jae Chon C/O Samsung Electronics Co., Ltd
Han, Jin Kyu C/O Samsung Electronics Co., Ltd
Heo, Youn H. C/O Samsung Electronics Co., Ltd
Cho, Joon Young C/O Samsung Electronics Co., Ltd
Lee, Ju Ho C/O Samsung Electronics Co., Ltd
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20080074918
(32) 31.07.2008
(33) Korea (Republic)
(47) 19.09.2018

(51) H04L 5/00
H04L 5/02
H04L 5/04
H04L 1/00
(11) EP3066777
(21) EP13869854.3
(22) 05.11.2013
(54) SYSTEM FOR TRANSMITTING AND RECEIVING RADIO FREQUENCY SIGNALS CARRYING COMPLEX HARMONIC MODES
(73) Eutelsat SA
(72) BERRETTA, Giuliano
DUTRONC, Jacques
SAITTO, Antonio
(74) J.M.H. Duyver lic.
(47) 08.08.2018

(51) H04L 5/02
H04L 27/26
(11) EP2290869
(21) EP10012081.5
(22) 11.09.2001
(54) Signaling method and apparatus in an OFDM multiple access system
(73) QUALCOMM Incorporated
(72) Laroia, Rajiv
Li, Junyi
Uppala, Sathyadev Venkata
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 230937 P
805887
(32) 13.09.2000
15.03.2001
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04L 5/02
H04L 27/26
(11) EP2299625
(21) EP10012082.3
(22) 11.09.2001
(54) SIGNALING METHOD AND APPARATUS IN AN OFDM MULTIPLE ACCESS SYSTEM
(73) QUALCOMM Incorporated
(72) Laroia, Rajiv
Li, Junyi
Uppala, Sathyadev Venkata
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 230937 P
805887
(32) 13.09.2000
15.03.2001
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04L 5/02
H04L 27/26
(11) EP2299626
(21) EP10012083.1
(22) 11.09.2001
(54) Signaling method and apparatus in an OFDM multiple access system
(73) QUALCOMM Incorporated
(72) Laroia, Rajiv
Li, Junyi
Uppala, Sathyadev Venkata
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 230937 P
805887
(32) 13.09.2000
15.03.2001
(33) United States of America
United States of America
(47) 22.08.2018

(51) H04L 5/02
H04W 72/04
(11) EP1973263
(21) EP08152885.3
(22) 18.03.2008
(54) Apparatus and method for supporting frequency overlay in broadband wireless communication system
(73) Samsung Electronics Co., Ltd.
(72) Kim, Nam-Gi n° 842-1603, Byeokjeokgol 8danji Apt.,
Cho, Jae-Hee
Lim, Hyoung-Kyu
Cho, Min-Hee
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20070027496
(32) 21.03.2007
(33) Korea (Republic)
(47) 15.08.2018

(51) H04L 7/00
H04B 10/00
(11) EP2478649
(21) EP10817411.1
(22) 15.09.2010
(54) PREAMBLE DESIGN FOR SUPPORTING MULTIPLE TOPOLOGIES WITH VISIBLE LIGHT COMMUNICATION
(73) Samsung Electronics Co., Ltd.
(72) RAJAGOPAL, Sridhar
WON, Eun-Tae
LI, Ying
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 276782 P
280139 P
871770
(32) 16.09.2009
30.10.2009
30.08.2010
(33) United States of America
United States of America
United States of America
(47) 22.08.2018

(51) H04L 9/06
H04L 9/12
(11) EP3178190
(21) EP15763204.3
(22) 07.08.2015
(54) ENCODER, DECODER AND METHOD
(73) Gurulogic Microsystems OY
(72) KÄRKKÄINEN, Tuomas
(74) ir. W.J.J.M. Kempes
(31) 201414007
(32) 07.08.2014
(33) United Kingdom
(47) 10.10.2018

(51) H04L 9/08
(11) EP3171540
(21) EP16201235.5
(22) 06.02.2009

(54) KEY DELIVERY SYSTEM AND METHOD
(73) Visa U.S.A. Inc.
(72) HAMMAD, Ayman
FAITH, Patrick
(74) ir. F.A. Geurts c.s.
(31) 28220
(32) 08.02.2008
(33) United States of America
(47) 01.08.2018

(51) H04L 9/08
G06F 7/58
(11) EP2940923
(21) EP14166272.6
(22) 28.04.2014
(54) Method and device for optics based quantum random number generator
(73) Université de Genève
(72) Sanguinetti, Bruno
Martin, Anthony
Gisin, Nicolas
Zbinden, Hugo
(74) dr. A. Ellens c.s.
(47) 05.09.2018

(51) H04L 9/08
G06F 21/10
H04N 7/16
H04L 29/06
H04N 21/2347
H04N 21/254
H04N 21/258
H04N 21/266
H04N 21/41
H04N 21/4405
H04N 21/4627
H04N 21/472
H04N 21/478
H04N 21/8355
H04N 21/4784
H04N 21/6334
H04N 21/81
(11) EP2192717
(21) EP09177041.2
(22) 25.11.2009
(54) System and method for providing a digital content service
(73) Samsung Electronics Co., Ltd.
(72) Lee, Kyung Keun
Lee, Byung Rae
Bang, Seong Hun
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20080119010
(32) 27.11.2008
(33) Korea (Republic)
(47) 19.09.2018

(51) H04L 9/08
H04L 29/06
(11) EP3036680
(21) EP13891766.1
(22) 21.08.2013
(54) PROCESSING DATA PRIVATELY IN THE CLOUD
(73) Intel Corporation
(72) YARVIS, Mark, D.
BOELTER, Joshua
GARG, Sharad, K.
LI, Hong
(74) ir. W.J.J.M. Kempes
(47) 18.07.2018

(51) H04L 9/08
H04L 29/06
H04L 9/32
H04W 12/02
G06F 21/35
G06F 21/43
G06F 21/60
H04W 4/12
(11) EP2777212
(21) EP12848198.3
(22) 12.11.2012
(54) SECURE MESSAGING
(73) Soprano Design Limited
(72) FAVERO, Richard Francis
(74) ir. W.J.J.M. Kempes
(31) 2011904705
(32) 11.11.2011
(33) Australia
(47) 18.07.2018

(51) H04L 9/32
H04N 21/4415
G06K 9/78
G06F 21/32
H04L 9/08
G06F 21/62
H04L 29/06
(11) EP2756628
(21) EP11872400.4
(22) 12.09.2011
(54) METHOD AND DEVICE FOR SECURELY SHARING IMAGES ACROSS UNTRUSTED CHANNELS
(73) Intel Corporation
(72) DEWAN, Prashant
DURHAM, David M.
KANG, Xiaozhu
GREWAL, Karanvir S.
(74) ir. W.J.J.M. Kempes
(47) 18.07.2018

(51) H04L 12/10
H04L 12/40
H04L 12/42
H04L 12/403
H04L 12/437
H04L 12/44
H04L 12/24
H04B 3/44
G06F 1/26
(11) EP3236615
(21) EP17000671.2
(22) 20.04.2017
(54) POWER OVER DATA LINES SYSTEM WITH REDUNDANT POWER CONNECTIONS
(73) Linear Technology Corporation
(72) Dwelley, David M.
Gardner, Andrew J.
(74) ir. C.M. Jansen c.s.
(31) 201662325364 P
201715479187
(32) 20.04.2016
04.04.2017
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04L 12/10
H04L 12/40
H04L 25/02
H04B 3/54
G06F 1/32
(11) EP3276881
(21) EP17001282.7
(22) 25.07.2017
(54) COMMUNICATIONS SYSTEM USING HYBRID COMMON MODE CHOKE AND KELVIN SENSING OF VOLTAGE
(73) Linear Technology Corporation
(72) Gardner, Andrew J.
(74) ir. C.M. Jansen c.s.
(31) 201662366308 P
201762458522 P
201715653058
(32) 25.07.2016
13.02.2017
18.07.2017
(33) United States of America
United States of America
United States of America
(47) 19.09.2018

(51) H04L 12/12
G05B 19/418
H04L 12/40
H04W 52/02
(11) EP2210365
(21) EP08838531.5
(22) 08.10.2008
(54) ENERGY-SAVING OPERATION OF A HARD-WIRED COMMUNICATION INTERFACE ON A FIELD DEVICE
(73) Endress+Hauser Process Solutions AG
(72) SEILER, Christian
(74) ir. W.J.J.M. Kempes
(31) 102007048476
(32) 09.10.2007
(33) Germany
(47) 18.07.2018

(51) H04L 12/16
H04W 4/02
H04L 29/08
(11) EP2690818
(21) EP12760556.6
(22) 06.03.2012
(54) WIRELESS COMMUNICATION SYSTEM AND METHOD FOR TRANSMITTING CONTENT IN WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) LIM, Chae Gwon
SON, Jung Je
PARK, Jung Shin
BAE, Beom Sik
JEONG, Sang Soo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20110026001
(32) 23.03.2011
(33) Korea (Republic)
(47) 19.09.2018

(51) H04L 12/26
(11) EP2989753
(21) EP13720862.5
(22) 25.04.2013
(54) TESTING OF COMMUNICATIONS EQUIPMENT
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) GROSSO, Renato

(74) ir. J.M.G. Dohmen c.s.
(47) 18.07.2018

(51) H04L 12/28
H04L 12/773
H04L 12/775
H04L 12/703
H04L 12/939
H04L 12/715
(11) EP2465233
(21) EP10808615.8
(22) 10.08.2010
(54) ROUTER AND METHOD FOR GRACEFUL RESTART
(73) Google LLC
(72) ZHOU, Junlan
JI, Zhengrong
WU, Yuguang
(74) ir. H.J.G. Lips c.s.
(31) 539124
(32) 11.08.2009
(33) United States of America
(47) 03.10.2018

(51) H04L 12/28
H04L 29/08
(11) EP3275129
(21) EP16716493.8
(22) 24.03.2016
(54) UNIVERSAL COMMUNICATION SYSTEM FOR MEASUREMENT APPARATUSES, METHOD OF COMMUNICATION RELATING THERETO
(73) Ecomesure
(72) PELLETIER, Damien
NEVEU, Cédric
FURLAN, Fabio
(74) ir. W.J.J.M. Kempes
(31) 1552497
(32) 25.03.2015
(33) France
(47) 18.07.2018

(51) H04L 12/58
(11) EP2633657
(21) EP11771353.7
(22) 05.10.2011
(54) DELIVERY REPORT FOR TEXT MESSAGES IN SIP COMMUNICATIONS
(73) Alcatel Lucent
(72) CAI, Yigang
HUA, Suzann
(74) ir. W.J.J.M. Kempes
(31) 912562
(32) 26.10.2010
(33) United States of America
(47) 18.07.2018

(51) H04L 12/58
(11) EP2775671
(21) EP14158413.6
(22) 07.03.2014
(54) Method and apparatus for sending and receiving messages
(73) Samsung Electronics Co., Ltd.
(72) Lee, Eun-Yeung
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20130024533
(32) 07.03.2013
(33) Korea (Republic)
(47) 18.07.2018

(51) H04L 12/70
(11) EP2792112
(21) EP11811187.1
(22) 15.12.2011
(54) TECHNOLOGY AWARE DIFFSERV MARKING
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) THYNI, Tomas
FORSMAN, Mats
WELIN, Annikki
(74) ir. J.M.G. Dohmen c.s.
(47) 29.08.2018

(51) H04L 12/803
H04L 12/801
(11) EP3198812
(21) EP14777295.8
(22) 25.09.2014
(54) CONGESTION MITIGATION BY OFFLOADING TO NON-3GPP NETWORKS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) MONJAS LLORENTE, Miguel Angel
BASCUÑANA MUÑOZ, Alejandro
SANCHEZ CANTON, Patricia
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 15.08.2018

(51) H04L 29/06
(11) EP2052520
(21) EP07799748.4
(22) 20.07.2007
(54) COORDINATING SUPPLEMENTARY SERVICES FOR VOICE TELEPHONE CALLS IN A CENTRALIZED FASHION
(73) QUALCOMM Incorporated
(72) DESHPANDE, Manoj M.
MAHENDRAN, Arungundram C.
JIN, Haipeng
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 832568 P
780440
(32) 21.07.2006
19.07.2007
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04L 29/06
G06F 21/55
H04L 9/32
G06F 21/57
(11) EP2147390
(21) EP08732611.2
(22) 20.03.2008
(54) DETECTION OF ADVERSARIES THROUGH COLLECTION AND CORRELATION OF ASSESSMENTS
(73) Microsoft Technology Licensing, LLC
(72) NEYSTADT, John
HUDIS, Efim
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 923663 P
893934
(32) 16.04.2007
17.08.2007
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04L 29/06
H04L 12/26
H04L 12/801
H04L 12/851
H04L 29/08
(11) EP3198842
(21) EP15781196.9
(22) 24.09.2015
(54) MANAGING CLASSIFIED NETWORK STREAMS
(73) Microsoft Technology Licensing, LLC
(72) TALAT, Ahmed
BHATT, Vibhor
SINNEMAKI, Jeff
ALEKSENKO, Alexei
SACSON, Ilia
FULLER, Jeffrey C
SALMAN, Milena
RAVI, Madhusudhan
KARAM, Mohammed M
JAIN, Neel
(74) ir. P.J. Hylarides c.s.
(31) 201414497313
(32) 25.09.2014
(33) United States of America
(47) 25.07.2018

(51) H04L 29/06
H04L 12/28
(11) EP2145435
(21) EP08744328.9
(22) 25.03.2008
(54) COMPRESSION OF DATA PACKETS WHILE MAINTAINING ENDPOINT-TO-ENDPOINT AUTHENTICATION
(73) Microsoft Technology Licensing, LLC
(72) COLVILLE, Scott
PINKERTON, James
BOLDO, Dan
STEPIN, Maxim
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 796078
(32) 26.04.2007
(33) United States of America
(47) 15.08.2018

(51) H04L 29/06
H04L 12/28
(11) EP2761842
(21) EP12755833.6
(22) 30.08.2012
(54) METHOD FOR CONTROLLING BANDWIDTH AND CORRESPONDING DEVICE
(73) Thomson Licensing DTV
(72) GOUACHE, Stephane
HOUDAILLE, Remi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 11306221
(32) 26.09.2011
(33) European Patent Office (EPO)
(47) 01.08.2018

(51) H04L 29/08
G06F 17/30
(11) EP2912820
(21) EP13786813.9
(22) 22.10.2013
(54) BUFFER ORDERING BASED ON CONTENT ACCESS TRACKING
(73) Microsoft Technology Licensing, LLC

(72) BURBA, Alexander
MORRISON, Frank R., III
AKKURT, Mehmet
HUNT, Brandon
JUSTICE, John
(74) J.M.H. Duyver lic.
(31) 201213658746
(32) 23.10.2012
(33) United States of America
(47) 12.09.2018

(51) H04L 29/08
H04L 29/12
(11) EP2839625
(21) EP12738207.5
(22) 19.06.2012
(54) METHOD AND ARCHITECTURE FOR DISTRIBUTED CLOUD DOMAINS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) MELANDER, Bob
PUTHALATH, Hareesh
(74) ir. J.M.G. Dohmen c.s.
(31) 201261636012 P
(32) 20.04.2012
(33) United States of America
(47) 12.09.2018

(51) H04L 29/08
H04W 4/00
H04W 8/24
(11) EP3276916
(21) EP16181896.8
(22) 29.07.2016
(54) METHOD AND COMMUNICATION NETWORK WITH A PLURALITY OF SUBNETWORKS FOR CARRYING OUT AN ELECTRONIC APPLICATION
(73) Deutsche Telekom AG
(72) EINSIEDLER, Hans Joachim
HÄNSGE, Kay
SZCZEPANSKI, Roman
(74) J.M.H. Duyver lic.
(47) 25.07.2018

(51) H04M 1/22
H04M 1/02
(11) EP2228974
(21) EP10155798.1
(22) 08.03.2010
(54) Portable terminal with lighting decoration
(73) Samsung Electronics Co., Ltd.
(72) Kim, Dong-Lyul
Kim, Youn-Woong
Jung, Ik-Su
Lee, Keun-Young
Kwon, Jae-Youl
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20090020818
(32) 11.03.2009
(33) Korea (Republic)
(47) 18.07.2018

(51) H04M 1/725
H04N 7/14
G09B 21/00
G10L 15/24
(11) EP2335400
(21) EP09785827.8
(22) 04.03.2009
(54) SYSTEM AND METHOD FOR VIDEO TELEPHONY BY CONVERTING FACIAL MOTION TO TEXT
(73) Sony Mobile Communications Inc.
(72) ISAAC, Maycel
(74) J.M.H. Duyver lic.
(31) 238557
(32) 26.09.2008
(33) United States of America
(47) 18.07.2018

(51) H04M 3/533
H04L 29/06
(11) EP2335390
(21) EP09787219.6
(22) 27.08.2009
(54) VERIFYING AUTHENTICITY OF VOICE MAIL PARTICIPANTS IN TELEPHONY NETWORKS
(73) Alcatel Lucent
(72) GUSTAVE, Christophe
CHOW, Stanley
CHEN, Shu-Lin
(74) ir. W.J.J.M. Kempes
(31) 231430
(32) 03.09.2008
(33) United States of America
(47) 25.07.2018

(51) H04N 5/14
(11) EP1424851
(21) EP03024897.5
(22) 31.10.2003
(54) Motion detection apparatus and method
(73) Samsung Electronics Co., Ltd.
(72) Jung, You-young
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2002074277
(32) 27.11.2002
(33) Korea (Republic)
(47) 12.09.2018

(51) H04N 5/225
(11) EP2011331
(21) EP07724278.2
(22) 16.04.2007
(54) IMAGE RECORDING SYSTEM PROVIDING A PANORAMIC VIEW
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) DUPARRE, Jacques
BRÄUER, Andreas
SCHREIBER, Peter
(74) ir. H.J.G. Lips c.s.
(31) 102006019124
(32) 25.04.2006
(33) Germany
(47) 22.08.2018

(51) H04N 5/225
G03B 17/02
(11) EP2464096
(21) EP10839320.8
(22) 17.12.2010
(54) SMALL INDUSTRIAL ELECTRONIC IMAGING CAMERA
(73) Toshiba Teli Corporation
(72) HASEGAWA, Naoshi
HONMA, Shuji
ASAMI, Sayaka
YAMAGUCHI, Masayoshi
HARADA, Eiichi
(74) ir. F.A. Geurts c.s.
(31) 2009296194
(32) 25.12.2009
(33) Japan
(47) 22.08.2018

(51) H04N 5/232
(11) EP2882183
(21) EP14196066.6
(22) 03.12.2014
(54) Electronic apparatus and method of controlling the same
(73) Samsung Electronics Co., Ltd
(72) Seo, Hyeong-chan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20130149499
(32) 03.12.2013
(33) Korea (Republic)
(47) 22.08.2018

(51) H04N 5/347
H01L 27/146
H04N 5/3745
(11) EP2512126
(21) EP10852353.1
(22) 01.06.2010
(54) MULTISPECTRAL PHOTORECEPTIVE DEVICE AND SAMPLING METHOD THEREOF
(73) Boly Media Communications (Shenzhen) Co., Ltd
(72) HU, Xiaoping
(74) ir. W.J.J.M. Kempes
(47) 25.07.2018

(51) H04N 5/44
H04N 5/50
H04N 7/16
H04N 7/24
H04N 7/52
(11) EP2327205
(21) EP09786955.6
(22) 17.08.2009
(54) DYNAMIC SWITCHING BETWEEN DIGITAL TV SERVICES
(73) TP Vision Holding B.V.
(72) VLOT, Marnix, C.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 08162860
(32) 22.08.2008
(33) European Patent Office (EPO)
(47) 25.07.2018

(51) H04N 5/46
(11) EP2208343
(21) EP08793762.9
(22) 11.09.2008
(54) TUNER AND BROADCAST RECEIVER HAVING THE SAME
(73) LG Innotek Co., Ltd.
(72) AHN, Seung Gwang
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20070092510
(32) 12.09.2007
(33) Korea (Republic)
(47) 15.08.2018

(51) H04N 7/173
(11) EP1389874
(21) EP03016242.4
(22) 17.07.2003
(54) Fast digital channel changing
(73) Microsoft Technology Licensing, LLC
(72) Barrett, Peter T.
Baldwin, James A.

(74) ir. M.F.J.M. Ketelaars c.s.
(31) 218674
(32) 13.08.2002
(33) United States of America
(47) 22.08.2018

(51) H04N 19/176
H04N 19/96
H04N 19/119
H04N 19/103
H04N 19/132
H04N 19/46
(11) EP2911399
(21) EP15161956.6
(22) 23.07.2010
(54) Method for decoding images
(73) Samsung Electronics Co., Ltd
(72) Jung, Hae-Kyung
Cheon, Min-Su
Min, Jung-Hye
Kim, Il-Koo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20090067827
(32) 24.07.2009
(33) Korea (Republic)
(47) 10.10.2018

(51) H04N 19/463
H04N 19/467
H04N 19/48
H04N 19/91
H04N 19/13
H04N 19/18
H04N 19/117
H04N 19/176
(11) EP3182707
(21) EP17154805.0
(22) 06.11.2012
(54) METHOD AND RECORDING MEDIUM STORING CODED IMAGE DATA
(73) Dolby International AB
(72) HENRY, Félix
CLARE, Gordon
(74) J.M.H. Duyver lic.
(31) 1160109
(32) 07.11.2011
(33) France
(47) 25.07.2018

(51) H04N 19/463
H04N 19/58
H04N 19/423
H04N 19/70
(11) EP2774365
(21) EP12787601.9
(22) 31.10.2012
(54) RANDOM ACCESS WITH ADVANCED CODED PICTURE BUFFER MANAGEMENT IN VIDEO CODING
(73) Qualcomm Incorporated
(72) CHEN, Ying
WANG, Ye-Kui
CHEN, Jianle
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161553802 P
201261595605 P
201213664279
(32) 31.10.2011
06.02.2012
30.10.2012
(33) United States of America
United States of America
United States of America
(47) 22.08.2018

(51) H04N 19/70
H04N 19/46
H04N 19/30
H04N 19/68
(11) EP3072298
(21) EP14806516.2
(22) 18.11.2014
(54) POC VALUE DESIGN FOR MULTI-LAYER VIDEO CODING
(73) Qualcomm Incorporated
(72) WANG, Ye-Kui
HENDRY, Fnu
RAMASUBRAMONIAN, Adarsh Krishnan
CHEN, Ying
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361906373 P
201414543470
(32) 19.11.2013
17.11.2014
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04N 21/234
H04N 21/2343
H04N 19/172
H04N 19/107
H04N 19/114
H04N 19/142
H04N 21/845
(11) EP3095249
(21) EP14702465.7
(22) 17.01.2014
(54) PROCESSING SEGMENTED MEDIA CONTENT WITH SCENE CHANGES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) JONES, Anthony
(74) ir. J.M.G. Dohmen c.s.
(47) 25.07.2018

(51) H04R 1/40
(11) EP3148213
(21) EP16190411.5
(22) 23.09.2016
(54) DYNAMIC RELATIVE TRANSFER FUNCTION ESTIMATION USING STRUCTURED SPARSE BAYESIAN LEARNING
(73) Starkey Laboratories, Inc.
(72) GIRI, Ritwik
MUSTIERE, Frederic Philippe Denis
ZHANG, Tao
(74) dr. W.A.H.M. Van Borm
(31) 201562232673 P
(32) 25.09.2015
(33) United States of America
(47) 12.09.2018

(51) H04R 25/00
(11) EP2827613
(21) EP14177405.9
(22) 17.07.2014
(54) System and method for embedding conductive traces into hearing assistance device housings
(73) Starkey Laboratories, Inc.
(72) Bauman, Brent
(74) dr. W.A.H.M. Van Borm
(31) 201313946675
(32) 19.07.2013
(33) United States of America
(47) 26.09.2018

(51) H04R 25/00
(11) EP2942979
(21) EP15166855.5
(22) 07.05.2015
(54) INCREASING ANTENNA PERFORMANCE FOR WIRELESS HEARING ASSISTANCE DEVICES
(73) Starkey Laboratories, Inc.
Rabel, Jay
Sanguino, Jorge F.
(72) Rabel, Jay
Sanguino, Jorge F.
(74) J.M.H. Duyver lic.
(31) 201414272185
(32) 07.05.2014
(33) United States of America
(47) 12.09.2018

(51) H04R 25/00
H04R 1/10
B29C 35/08
(11) EP3188510
(21) EP17150198.4
(22) 03.01.2017
(54) SELF-FITTING IN-CANAL COMPONENT FOR HEARING AIDS
(73) Starkey Laboratories, Inc.
(72) Higgins, Sidney A.
Tourtelotte, David
Polinske, Beau Jay
(74) dr. W.A.H.M. Van Borm
(31) 201662274771 P
(32) 04.01.2016
(33) United States of America
(47) 12.09.2018

(51) H04S 7/00
G10L 19/008
(11) EP3149972
(21) EP15727844.1
(22) 29.05.2015
(54) OBTAINING SYMMETRY INFORMATION FOR HIGHER ORDER AMBISONIC AUDIO RENDERERS
(73) Qualcomm Incorporated
(72) PETERS, Nils Günther
SEN, Dipanjan
MORRELL, Martin James
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462005829 P
201462023662 P
201514724615
(32) 30.05.2014
11.07.2014
28.05.2015
(33) United States of America
United States of America
United States of America
(47) 15.08.2018

(51) H04W 4/70
H04L 12/24
H04L 12/26
H04W 24/04
(11) EP3114861
(21) EP14884720.5
(22) 04.03.2014

(54) A METHOD AND A FIRST NODE FOR MANAGING MODES OF OPERATION OF A SERVICE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SACHS, Joachim
MILDH, Gunnar
HÖÖK, Mikael
FRODIGH, Magnus
DAHLMAN, Erik
KALLIN, Harald
(74) ir. C.M. Jansen c.s.
(47) 25.07.2018

(51) H04W 4/80
H04W 76/14
G06F 3/0354
G06F 3/038
H04B 7/24
(11) EP2624601
(21) EP13153275.6
(22) 30.01.2013
(54) Short-range radio communication system and method for operating the same
(73) Samsung Electronics Co., Ltd
(72) Kim, Jung-Tae
You, Ho-Sung
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20120010715
(32) 02.02.2012
(33) Korea (Republic)
(47) 08.08.2018

(51) H04W 8/26
H04W 76/12
H04W 80/04
H04L 29/06
(11) EP2497244
(21) EP10776436.7
(22) 26.10.2010
(54) VIRTUAL CARE-OF ADDRESS FOR MOBILE IP
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) VALLURI, Vamsidhar
RAHMAN, Shahriar, I.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 614163
(32) 06.11.2009
(33) United States of America
(47) 25.07.2018

(51) H04W 8/26
H04W 88/16
H04W 12/06
H04W 88/08
H04L 29/06
(11) EP2727389
(21) EP12727809.1
(22) 25.05.2012
(54) WiFi FIXED WIRELESS PERSONAL SERVICES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LUNDSTRÖM, Anders
(74) ir. J.M.G. Dohmen c.s.
(31) 201161503214 P
(32) 30.06.2011
(33) United States of America
(47) 19.09.2018

(51) H04W 12/08
H04L 29/06
H04L 12/24
(11) EP2453686
(21) EP11008138.7
(22) 07.10.2011
(54) CERTIFICATE BASED ACCESS CONTROL IN OPEN MOBILE ALLIANCE DEVICE MANAGEMENT
(73) Sony Mobile Communications, Inc.
(72) Alnas, Svante
Andersson, Stefan
(74) ir. C.M. Jansen c.s.
(31) 969828
(32) 16.11.2010
(33) United States of America
(47) 05.09.2018

(51) H04W 12/08
H04W 36/22
H04W 48/14
G06F 21/30
G06F 21/45
H04W 84/04
H04W 84/12
H04W 88/06
(11) EP2936860
(21) EP12810255.5
(22) 19.12.2012
(54) UE ACCESSIBILITY INDICATION FOR WI-FI INTEGRATION IN RAN
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) HEDBERG, Tomas
VIKBERG, Jari Tapio
ZEE, Oscar
(74) ir. J.M.G. Dohmen c.s.
(47) 19.09.2018

(51) H04W 16/14
H04W 72/12
H04L 1/18
H04W 24/10
H04W 88/06
(11) EP2803222
(21) EP12854654.6
(22) 04.12.2012
(54) METHOD AND SYSTEM FOR HANDLING IN-DEVICE CO-EXISTENCE INTERFERENCE IN USER EQUIPMENT
(73) Samsung Electronics Co., Ltd.
(72) BAGHEL, Sudhir Kumar
INGALE, Mangesh Abhimanyu
MANEPALLI, Venkateswara Rao
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 4238CH2011
(32) 05.12.2011
(33) India
(47) 18.07.2018

(51) H04W 24/02
H04W 28/08
(11) EP3103278
(21) EP14819040.8
(22) 08.12.2014
(54) SYSTEM, METHOD AND SOFTWARE PRODUCT FOR CONTENT DELIVERY
(73) Comptel OY
(72) ENQVIST, Juhana
(74) J.M.H. Duyver lic.
(31) 20136303
(32) 20.12.2013
(33) Finland
(47) 18.07.2018

(51) H04W 24/02
H04W 84/00
H04L 12/24
H04W 36/08
(11) EP2959634
(21) EP13875922.0
(22) 21.02.2013
(54) METHODS AND APPARATUSES FOR MANAGING RADIO ACCESS NODE CLUSTER
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LIU, Jinhua
ZHANG, Zhan
(74) ir. J.M.G. Dohmen c.s.
(47) 12.09.2018

(51) H04W 24/08
H04W 28/02
H04L 5/00
(11) EP3210331
(21) EP15788302.6
(22) 20.10.2015
(54) CONTROL CHANNEL DESIGN FOR MACHINE TYPE COMMUNICATIONS
(73) Qualcomm Incorporated
(72) CHEN, Wanshi
XU, Hao
WANG, Michael Mao
GAAL, Peter
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462066305 P
201514886898
(32) 20.10.2014
19.10.2015
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04W 28/08
(11) EP2618605
(21) EP13163996.5
(22) 28.08.2008
(54) Method and apparatus for load balancing in broadband communication system
(73) Samsung Electronics Co., Ltd
(72) Lim, Geun-Hwi
Shim, Jae-Jeong
Kim, Chang-Yeon
Ha, Yoon-Jeong
Kim, Ki-Back
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20070087193
20080054044
20080065813
(32) 29.08.2007
10.06.2008
08.07.2008
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
(47) 22.08.2018

(51) H04W 28/08
H04W 48/06
H04W 80/10
(11) EP2926590
(21) EP14823564.1
(22) 07.07.2014
(54) APPARATUS AND METHOD FOR CONTROLLING CONTROL OVERLOAD IN WLAN SYSTEMS
(73) Samsung Electronics Co., Ltd.
(72) JEONG, Sangsoo

CHO, Songyean
BAE, Beomsik
BAEK, Youngkyo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20130079691
20130082253
(32) 08.07.2013
12.07.2013
(33) Korea (Republic)
Korea (Republic)
(47) 05.09.2018

(51) H04W 28/08
H04W 84/12
H04W 88/06
(11) EP3149995
(21) EP15719537.1
(22) 08.04.2015
(54) INTERACTION BETWEEN WAN-WLAN INTERWORKING AND WAN-WLAN AGGREGATION
(73) Qualcomm Incorporated
(72) OZTURK, Ozcan
HORN, Gavin Bernard
FACCIN, Stefano
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462005475 P
201514680709
(32) 30.05.2014
07.04.2015
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04W 28/16
H04W 72/04
H04W 24/00
(11) EP2630837
(21) EP10858728.8
(22) 21.10.2010
(54) SPECTRUM SHARING IN MULTI-RAT RADIO BASE STATIONS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) MOE, Johan
FRENGER, Pål
WIBERG, Niclas
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) H04W 36/00
H04L 29/06
H04W 12/12
H04W 40/36
H04W 48/00
H04W 80/04
(11) EP1400132
(21) EP02738494.0
(22) 25.06.2002
(54) PROTOCOL TO DETERMINE OPTIMAL TARGET ACCESS ROUTERS FOR SEAMLESS IP-LEVEL HANDOVER
(73) Nokia Technologies Oy
(72) CHASKAR, Hemant, M.
TROSSEN, Dirk
KRISHNAMURTHI, Govind
(74) ir. W.J.J.M. Kempes
(31) 892611
(32) 28.06.2001
(33) United States of America
(47) 15.08.2018

(51) H04W 36/00
H04W 84/04
(11) EP2375813
(21) EP11161994.6
(22) 12.04.2011
(54) Apparatus and method for supporting cooperative handover in broadband wireless communication system
(73) Samsung Electronics Co., Ltd.
(72) Kang, Hyon-Goo
Ju, Hyeong-Jong
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20100033177
(32) 12.04.2010
(33) Korea (Republic)
(47) 15.08.2018

(51) H04W 36/06
H04W 36/30
H04W 72/04
(11) EP3103283
(21) EP14708963.5
(22) 04.02.2014
(54) BASE STATION, AND METHOD FOR SECTOR SELECTION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LANGEREIS, Alexander
BELLESCHI, Marco
MANSSOUR, Jawad
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) H04W 48/02
H04W 12/08
H04W 8/20
(11) EP3157293
(21) EP16202812.0
(22) 16.03.2015
(54) METHOD FOR SUPPORTING UE ACCESS CONTROL
(73) Samsung Electronics Co., Ltd.
(72) Xu, Lixiang
Ke, Xiaowan
van Lieshout, Gert Jan
Wang, Hong
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201410096645
201410101185
201410440540
(32) 14.03.2014
18.03.2014
01.09.2014
(33) China
China
China
(47) 26.09.2018

(51) H04W 48/08
H04W 12/08
H04W 12/06
H04W 8/12
(11) EP2340670
(21) EP08877678.6
(22) 30.10.2008
(54) METHOD AND APPARATUS FOR INFORMING OF ROAMING RESTRICTIONS
(73) Nokia Technologies Oy
(72) RANTANEN, Tommi
KRÖSELBERG, Dirk
VON BRANDT, Achim
PREMEC, Domagoj
(74) ir. W.J.J.M. Kempes
(47) 22.08.2018

(51) H04W 48/16
(11) EP3075191
(21) EP14799752.2
(22) 17.11.2014
(54) TERMINAL DEVICE AND METHOD FOR RADIO-NETWORK-SCAN OPERATION
(73) GEMALTO M2M GmbH
(72) ULRICH, Thomas
BREUER, Volker
WEHMEIER, Lars
(74) ir. C.M. Jansen c.s.
(31) 13195125
(32) 29.11.2013
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) H04W 48/16
H04L 29/08
H04W 48/14
(11) EP1972098
(21) EP07700470.3
(22) 09.01.2007
(54) ROAMING QUERIES PRIOR TO ASSOCIATION/AUTHENTICATION
(73) Nokia Technologies Oy
(72) FACCIN, Stefano
(74) ir. W.J.J.M. Kempes
(31) 758548 P
(32) 13.01.2006
(33) United States of America
(47) 29.08.2018

(51) H04W 48/16
H04W 8/06
H04W 8/18
H04W 8/26
H04W 76/10
H04W 48/04
(11) EP3193541
(21) EP16811005.4
(22) 15.06.2016
(54) NETWORK ACCESS METHOD AND MOBILE COMMUNICATION TERMINAL
(73) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(72) CAO, Jun
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201510346840
(32) 19.06.2015
(33) China
(47) 22.08.2018

(51) H04W 48/16
H04W 84/12
(11) EP3065470
(21) EP16156224.4
(22) 18.02.2016
(54) PROCEDURE FOR SELECTING NETWORK DISCOVERY METHOD
(73) Nokia Technologies Oy
(72) MARIN, Janne
KASSLIN, Mika
KNECKT, Jarkko
ALANEN, Olli
RANTALA, Enrico-Henrik
(74) ir. W.J.J.M. Kempes
(31) 201514638165
(32) 04.03.2015
(33) United States of America

(47) 29.08.2018

(51) H04W 52/00
G06F 1/30
H04W 4/00
H04W 24/00
H04W 52/02
(11) EP3146766
(21) EP14892499.6
(22) 21.05.2014
(54) MANAGING EFFECTS OF A SCHEDULED OUTAGE OF MAINS POWER
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) AKHOURI, Sandeep
DAUNERIA, Ankur
(74) ir. C.M. Jansen c.s.
(47) 18.07.2018

(51) H04W 52/02
(11) EP2993945
(21) EP14306452.5
(22) 22.09.2014
(54) A TRANSCEIVER, NETWORK NODE, METHOD AND COMPUTER PROGRAM
(73) Alcatel Lucent
(72) Kucera, Stepan
Venkateswaran, Vijay
Lopez-Perez, David
(74) ir. W.J.J.M. Kempes
(31) 14306360
(32) 04.09.2014
(33) European Patent Office (EPO)
(47) 18.07.2018

(51) H04W 52/02
H04W 68/02
H04W 76/28
H04W 84/12
(11) EP2952045
(21) EP14704505.8
(22) 31.01.2014
(54) METHODS AND APPARATUS FOR LOW POWER WAKE UP SIGNAL AND OPERATIONS FOR WLAN
(73) Qualcomm Incorporated
(72) JAFARIAN, Amin
MERLIN, Simone
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361759350 P
201414167723
(32) 31.01.2013
29.01.2014
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04W 52/24
H04B 7/005
H04W 52/12
H04W 52/14
H04W 52/28
H04W 52/38
H04W 88/02
(11) EP1653765
(21) EP06000014.8
(22) 21.02.2002
(54) Cellular system, base station, mobile station and communication control method therefor
(73) NEC Corporation
(72) Hamabe, Kojiro
(74) ir. H.V. Mertens c.s.
(31) 2001044659
2001341332
(32) 21.02.2001
07.11.2001
(33) Japan
Japan
(47) 12.09.2018

(51) H04W 52/28
H04W 52/36
(11) EP2279643
(21) EP09724864.5
(22) 23.03.2009
(54) UPLINK POWER HEADROOM MEASUREMENT DELIVERY AND RECEPTION FOR E-DCH IN A CELL_FACH STATE
(73) QUALCOMM Incorporated
(72) SAMBHWANI, Sharad, Deepak
YAVUZ, Mehmet
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 39057
95483
408244
(32) 24.03.2008
09.09.2008
20.03.2009
(33) United States of America
United States of America
United States of America
(47) 15.08.2018

(51) H04W 52/36
H04B 17/10
H04B 1/3827
H04W 88/06
(11) EP3162132
(21) EP15736125.4
(22) 25.06.2015
(54) DETECTING PROXIMITY USING ANTENNA FEEDBACK
(73) Microsoft Technology Licensing, LLC
(72) HARPER, Marc
KATZ, Marshall Joseph
(74) J.M.H. Duyver lic.
(31) 201414320320
(32) 30.06.2014
(33) United States of America
(47) 01.08.2018

(51) H04W 72/04
(11) EP2724582
(21) EP12733347.4
(22) 22.06.2012
(54) METHODS AND APPARATUSES FOR IMPROVING NFC PARAMETER UPDATE MECHANISMS
(73) Qualcomm Incorporated
(72) HILLAN, John
O'DONOGHUE, Jeremy, R.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161500803 P
201213483763
(32) 24.06.2011
30.05.2012
(33) United States of America
United States of America
(47) 08.08.2018

(51) H04W 72/04
H04L 1/00
H04L 1/16
H04L 1/18
H04L 5/00
H04W 48/16
H04W 72/12
H04W 88/02
H04L 29/08
H04W 76/27
(11) EP2547017
(21) EP11753641.7
(22) 11.03.2011
(54) CONTROL CHANNEL ALLOCATION METHOD, AND APPARATUS FOR SAME
(73) LG Electronics Inc.
(72) YANG, Suck Chel
KIM, Min Gyu
AHN, Joon Kui
SEO, Dong Youn
(74) ir. F.A. Geurts c.s.
(31) 328676 P
326205 P
324301 P
320293 P
317235 P
313083 P
(32) 28.04.2010
20.04.2010
15.04.2010
01.04.2010
24.03.2010
11.03.2010
(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
(47) 29.08.2018

(51) H04W 72/08
H04M 1/00
H04W 16/26
H04W 48/10
(11) EP2432291
(21) EP10774746.1
(22) 14.05.2010
(54) WIRELESS COMMUNICATION TERMINAL AND COMMUNICATION METHOD
(73) Sun Patent Trust
(72) YUDA, Yasuaki
NAKAO, Seigo
HORIUCHI, Ayako
IMAMURA, Daichi
HOSHINO, Masayuki
SUMASU, Atsushi
(74) ir. W.J.J.M. Kempes
(31) 2009119104
(32) 15.05.2009
(33) Japan
(47) 18.07.2018

(51) H04W 72/08
H04W 72/04
H04W 72/12
H04W 92/04
H04W 92/12
(11) EP2130335
(21) EP08732702.9
(22) 21.03.2008

(54) BACKHAUL COMMUNICATION FOR INTERFERENCE MANAGEMENT
(73) Qualcomm Incorporated
(72) MONTOJO, Juan
DAMNJANOVIC, Aleksandar
MALLADI, Durga Prasad
FLORE, Oronzo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 896843 P
52691
(32) 23.03.2007
20.03.2008
(33) United States of America
United States of America
(47) 15.08.2018

(51) H04W 72/12
H04W 24/10
H04L 5/00
(11) EP3154303
(21) EP16201105.0
(22) 13.05.2013
(54) METHOD AND ARRANGEMENT IN A COMMUNICATIONS NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) KAZMI, Muhammad
SIOMINA, Iana
(74) ir. C.M. Jansen c.s.
(31) 201261647972 P
(32) 16.05.2012
(33) United States of America
(47) 18.07.2018

(51) H04W 72/12
H04W 72/08
(11) EP3138341
(21) EP14729076.1
(22) 30.04.2014
(54) METHOD AND RADIO NETWORK NODE FOR SCHEDULING OF WIRELESS DEVICES IN A CELLULAR NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LOPES BATISTA, Rodrigo
CAVALCANTI, Francisco Rodrigo Porto
MACIEL, Tarcisio F.
F.M. SILVA, Carlos
(74) ir. H.V. Mertens c.s.
(47) 03.10.2018

(51) H04W 74/00
H04W 84/12
H04B 7/0452
(11) EP2314117
(21) EP09790332.2
(22) 13.07.2009
(54) SYSTEMS AND METHODS FOR PROVIDING A SEPARATE CONTENTION WINDOW ALLOWING ALLOCATIONS FOR PENDING UPLINK SDMA TRANSMISSION OPPORTUNITIES
(73) QUALCOMM Incorporated
(72) WENTINK, Maarten, Menzo
VAN ZELST, Albert
AWATER, Geert, Arnout
STEELE, Gregory, C.
GARDNER, James
VAN NEE, Didier Johannes, Richard
JONES, Vincent, K., IV
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 80621
501026
(32) 14.07.2008
10.07.2009
(33) United States of America
United States of America
(47) 15.08.2018

(51) H05B 33/08
(11) EP2145508
(21) EP08737957.4
(22) 23.04.2008
(54) LED OUTAGE DETECTION CIRCUIT
(73) Philips Lighting Holding B.V.
(72) SNELTEN, Jeroen
(74) drs. O. Griebling
(31) 07107165
(32) 27.04.2007
(33) European Patent Office (EPO)
(47) 15.08.2018

(51) H05K 7/14
(11) EP3226667
(21) EP16174307.5
(22) 14.06.2016
(54) MULTI-PIECE RACK SHELF
(73) Middle Atlantic Products Inc.
(72) MARKOWSKI, Leszek
FRANETOVICH, John
CORBO, Nico
(74) ir. J.D. de Zeeuw
(31) 201615086995
(32) 31.03.2016
(33) United States of America
(47) 15.08.2018

EP4

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

(51) A47J 31/40
B65D 81/00
(11) EP1700548
(21) EP06013230.5
(22) 25.10.2004
(54) Beverage production system
(73) Nestec S.A.
(72) Yoakim, Alfred
Gavillet, Gilles
Denisart, Jean-Paul
(47) 08.08.2007

(51) A61K 38/17
A61K 39/395
A61P 35/00
C07K 16/18
C07K 14/515
C07K 14/475
(11) EP2081586
(21) EP07819170.7
(22) 19.10.2007
(54) RSPONDINS AS MODULATORS OF ANGIOGENESIS AND VASCULOGENESIS
(73) Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts
(72) NIEHRS, Christof
KAZANSKAYA, Olga
OKAWARA, Bisei
(31) 06022070
(32) 20.10.2006
(33) European Patent Office (EPO)
(47) 23.12.2015

(51) B65D 5/20
B65D 85/60
(11) EP2205494
(21) EP08835156.4
(22) 01.10.2008
(54) PACKAGING FOR BAR- LIKE FOODSTUFFS
(73) Nestec S.A.
(72) CLEMENT, Roland
NALLET, Marie-Dominique
(31) 4872007
(32) 02.10.2007
(33) Switzerland
(47) 09.03.2011

(51) C07C 29/141
C07C 31/24
C07C 31/20
C07C 31/22
C07C 29/80
C08G 18/56
C08G 63/16
(11) EP2376413
(21) EP09764533.7
(22) 07.12.2009
(54) METHOD FOR DISTILLING AN AQUEOUS MIXTURE OF NEOPENTYLGLYCOL
(73) BASF SE
(72) SIRCH, Tilman
STEINIGER, Michael
MAAS, Steffen
RITTINGER, Stefan
SCHLITTER, Stephan
(31) 08171040
(32) 09.12.2008
(33) European Patent Office (EPO)
(47) 20.07.2016

(51) C07K 14/475
C07K 16/18
C07K 16/22
G01N 33/574
G01N 33/68
(11) EP2446038
(21) EP10724755.3
(22) 03.06.2010
(54) SEQUENCES, ANTIBODIES, PROCESSES FOR THE DETECTION AND FOR THE IN VITRO DOSAGE OF PERIOSTIN IN THE DIAGNOSTIC OR IN THE PROGNOSTIC OF PERIOSTIN RELATED DISEASES OR BIOLOGICAL PHENOMENS
(73) Synarc Sas
INSERM - Institut National de la Santé et de la Recherche Médicale
(72) GARNERO, Patrick
CONTIE, Sylvain
ROUSSELOT, Nathalie
CLEZARDIN, Philippe
(31) 0953646
(32) 03.06.2009
(33) France
(47) 08.10.2014

(51) C21C 1/10
(11) EP1887090
(21) EP07252936.5
(22) 24.07.2007
(54) Improved method of producing ductile iron
(73) FOSECO INTERNATIONAL LIMITED
(72) Berthelet, Emmanuel
(31) 0614705
(32) 25.07.2006
(33) United Kingdom
(47) 21.03.2012

(51) D06N 3/00
D06M 15/227
B29C 65/00
D06N 3/04
B65D 33/22
B65D 30/04
B32B 27/12
B65D 75/12
F02F 1/24
F02F 1/40
(11) EP2188438
(21) EP08772589.1
(22) 18.07.2008
(54) PROCESS FOR BONDING COATED FABRICS FROM MONOAXIALLY DRAWN PLASTIC TAPES
(73) STARLINGER & CO. GESELLSCHAFT MBH
(72) FÜRST, Herbert
SKOPEK, Peter
(31) 5372007
(32) 10.09.2007
(33) Austria
(47) 06.06.2012

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) A23C 9/154
A23G 3/00
A23D 9/007
A23L 1/236
(11) EP1661465
(21) EP05077655.8
(22) 19.07.2002
(54) Fat-based confections comprising flavor components
(73) Mars Incorporated
(72) Woelfel, Keith, A.
Chaney, Caroline, E.
Dombroski, Amy, M.
Bellody, Bill, J.
Didzbalis, John
(74) ir. P.J. Hylarides c.s.
(31) 306955 P
(32) 20.07.2001
(33) United States of America
(47) 25.08.2010

(51) A61K 31/405
A61P 43/00
(11) EP2028937
(21) EP07797634.8
(22) 22.05.2007
(54) MELATONIN AGONIST TREATMENT
(73) Vanda Pharmaceuticals Inc.
(72) BIRZNIEKS, Gunther
PHADKE, Deepak
POLYMEROPOULOS, Mihael, H.
(74) ir. H.V. Mertens c.s.
(31) 747847 P
(32) 22.05.2006
(33) United States of America
(47) 28.01.2015

(51) A61K 38/00
C07K 17/00
A61K 39/395
C07K 16/18
A61K 48/00
A61K 39/00
(11) EP2500030
(21) EP12172001.5
(22) 04.11.2006
(54) Use of complement pathway inhibitors to treat ocular diseases
(73) Genentech, Inc.
(72) Fung, Sek Chung
Yao, Zhengbin
(74) ir. F.A. Geurts c.s.
(31) 733763 P
(32) 04.11.2005
(33) United States of America
(47) 22.07.2015

(51) B32B 27/08
B65D 35/08
(11) EP2155488
(21) EP08737168.8
(22) 02.05.2008
(54) COLLAPSIBLE TUBE CONTAINERS
(73) Boddington IP Limited
(72) ASHMAN, Philip, Colin
(74) ir. H.J.G. Lips c.s.
(31) 0708493
(32) 02.05.2007
(33) United Kingdom
(47) 26.01.2011

(51) B60C 25/12
B60C 25/14
(11) EP2558311
(21) EP11769330.9
(22) 07.04.2011
(54) TUBELESS TIRE SEATING DEVICE
(73) Gaither Tool Company Inc.
(72) KUNAU, Daniel
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 469663 P
201113051697
201113018383
342316 P
(32) 30.03.2011
18.03.2011
31.01.2011
14.04.2010
(33) United States of America
United States of America
United States of America
United States of America
(47) 01.04.2015

(51) B65D 85/804
A47J 31/06
(11) EP2443048
(21) EP09796485.2
(22) 30.12.2009
(54) SYSTEM, METHOD AND CAPSULE FOR PREPARING A BEVERAGE
(73) Koninklijke Douwe Egberts B.V.
(72) WONG, Kon Euan Gerard
BRANDT, Guido
KOELING, Hendrik Cornelis
KAMERBEEK, Ralf
BIESHEUVEL, Arend Cornelis Jacobus
(74) ir. C.M. Jansen c.s.
(31) 09162994
(32) 17.06.2009
(33) European Patent Office (EPO)
(47) 29.04.2015

(51) C08F 26/00
(11) EP1902077
(21) EP06778737.4
(22) 30.06.2006
(54) NEUTRALISED CATIONIC POLYMER, COMPOSITION CONTAINING SAID POLYMER AND A COSMETIC TREATMENT METHOD
(73) L'Oréal
(72) MOUGIN, Nathalie
JEGOU, Gwenaëlle
(74) ir. W.J.J.M. Kempes
(31) 0552011
696789 P
0507980
(32) 01.07.2005
07.07.2005
26.07.2005
(33) France
United States of America
France
(47) 16.11.2011

(51) C12N 15/62
C07K 14/76
C12N 9/64
C07K 19/00
A61K 38/48
(11) EP1984503
(21) EP07703248.0
(22) 03.02.2007
(54) MODIFIED COAGULATION FACTOR VIIA WITH EXTENDED HALF-LIFE
(73) CSL Behring GmbH
(72) WEIMER, Thomas
SCHULTE, Stefan
LANG, Wiegand
LIEBING, Uwe
WORMSBÄCHER, Wilfried
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 06002359
(32) 06.02.2006
(33) European Patent Office (EPO)
(47) 09.07.2014

(51) C23C 22/17
C23C 22/36
(11) EP2255025
(21) EP09719612.5
(22) 10.03.2009
(54) PROCESS FOR COATING METALLIC SURFACES WITH A PASSIVATING AGENT
(73) Chemetall GmbH
(72) Dr. Schneider, Mark, Andre
GRÜNBERG, Petra
(74) ir. C.M. Jansen c.s.
(31) 102008000600
(32) 11.03.2008
(33) Germany
(47) 17.06.2015

(51) E03D 9/08
E03D 11/14
(11) EP2067901
(21) EP07405342.2

(22) 05.12.2007
(54) Device with a flushing device and a WC body, installation set for installation of such a device and method for installing the device
(73) Geberit International AG
(72) Gierer, Armin
Schibig, Erwin
Lienin, Reto
(74) ir. C.M. Jansen c.s.
(47) 06.03.2013

(51) H04W 76/00
H04L 29/06
H04W 4/22
(11) EP2458815
(21) EP12150976.4
(22) 29.09.2008
(54) Apparatus and method of responding to a request in a network environment including IMS
(73) BlackBerry Limited
(72) Allen, Andrew
Bakker, Jan John-Luc
Buckley, Adrian
(74) ir. F.E. Hoeben
(31) 976419 P
978976 P
(32) 29.09.2007
10.10.2007
(33) United States of America
United States of America
(47) 30.11.2016

SPC

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

(21) 300304
(22) 06.11.2007
(11) 300304
(73) SmithKline Beecham plc
(74) ir. F.A. Geurts c.s.
(68) EP1028961
(54) Pleuromutilinderivaten als antibacteriële middelen.
(94) 28.05.2022
(95) Retapamuline, desgewenst in de vorm van een farmaceutisch aanvaardbaar zout
(93) EU/1/07/390/001-004 29.05.2007
(47) 08.01.2008

---

(21) 300932
(22) 21.03.2018
(11) 300932
(73) Genentech, Inc.
(74) ir. M.F.J.M. Ketelaars c.s.
(68) EP1572744
(54) IMMUNOGLOBULIN VARIANTS AND USES THEREOF.
(94) 15.12.2028
(95) ocrelizumab
(93) 66185 01 20.09.2017
(47) 25.10.2018

---

(21) 300935
(22) 26.04.2018
(11) 300935
(73) Janssen Biotech, Inc.
(74) ir. C.M. Jansen c.s.
(68) EP1971366
(54) HUMAN ANTI-IL-23 ANTIBODIES, COMPOSITIONS, METHODS AND USES.
(94) 27.12.2031
(95) guselkumab.
(93) EU/1/17/1234 14.11.2017
(47) 25.10.2018

---

(21) 300940
(22) 30.05.2018
(11) 300940
(73) Chugai Seiyaku Kabushiki Kaisha
(74) ir. C.M. Jansen c.s.
(68) EP2644698
(54) MULTI-SPECIFIC ANTIGEN-BINDING MOLECULE HAVING ALTERNATIVE FUNCTION TO FUNCTION OF BLOOD COAGULATION FACTOR VIII
(94) 26.02.2033
(95) emicizumab
(93) EU/1/18/1271 27.02.2018
(47) 25.10.2018

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) EP1959080
(51) E05D 15/10
(00) 01/18
03.01.2018

(11) EP1991267
(51) C07K 16/28
G01N 33/68
A61K 39/395
A61K 39/00
(00) 51/17
20.12.2017

(11) EP2363683
(51) F41H 5/04
(00) 01/18
03.01.2018

(11) EP2393477
(51) A61K 9/12
A61K 31/573
A61K 31/58
A61P 11/06
(00) 01/18
03.01.2018

(11) EP2448438
(51) A41B 13/06
A47G 9/08
(00) 51/17
20.12.2017

(11) EP2460909
(51) C23G 1/12
C23G 1/22
C25F 1/04
B41N 1/08
B41N 3/03
(00) 01/18
03.01.2018

(11) EP2562095
(51) B65D 41/04
B65D 43/02
C09K 3/10
(00) 01/18
03.01.2018

(11) EP2563526
(51) B05D 1/06
B05D 7/00
B05B 5/03
B05B 5/047
B05D 1/36
(00) 51/17
20.12.2017

(11) EP2567709
(51) A61K 39/395
A61P 35/00
C07K 16/28
(00) 01/18
03.01.2018

(11) EP2576004
(51) B01D 53/14
B01D 53/62
B01D 53/78
B01D 19/00
F23J 15/04
(00) 01/18
03.01.2018

(11) EP2580925
(51) H04W 4/00
H04W 8/18
H04L 29/08
(00) 01/18
03.01.2018

(11) EP2596059
(51) C08L 23/08
C08F 2/00
C08F 210/16
(00) 01/18
03.01.2018

(11) EP2640832
(51) C12N 7/00
C12N 15/33
C12N 15/41
C07K 14/085
C07K 16/10
A61K 39/125
(00) 51/17
20.12.2017

(11) EP2660083
(51) B60G 7/00
B60G 9/00
B60G 11/27
B60G 11/04
B60G 11/46
(00) 51/17
20.12.2017

(11) EP2715928
(51) H02M 7/42
H02J 3/38
(00) 01/18
03.01.2018

(11) EP2736282
(51) H04W 4/24
H04W 8/26
H04W 36/00
H04W 36/12
H04W 88/16
(00) 29.10.2018
(00) 23/18
30.05.2018
(00) Restoration of rights
(00) ZTE Corporation

(11) EP2809939
(51) F02C 7/36
F02K 3/06
F02C 3/107
(00) 01/18
03.01.2018

(11) EP2832205
(51) A01D 41/127
A01D 43/08
(00) 01/18
03.01.2018

(11) EP2835642
(51) G01N 33/53
G01N 33/68
(00) 04/18
17.01.2018

(11) EP2840239
(51) F01M 1/10
F01M 5/00
F01M 1/16
H05K 7/20
(00) 01/18
03.01.2018

(11) EP2844605
(51) B67D 1/04
B67D 1/06
B67D 1/08
B67D 1/12
B67D 1/14
(00) 01/18
03.01.2018

(11) EP2845495
(51) A23L 2/52
A23L 7/10
A23L 7/117
A23P 30/00
A23L 7/104
(00) 01/18
03.01.2018

(11) EP2855241
(51) B62D 11/00
(00) 06/18
31.01.2018

(11) EP2874277
(51) H02K 1/14
H02K 21/14
H02K 3/28
(00) 01/18
03.01.2018

(11) EP2874653
(51) A61K 39/02
(00) 01/18
03.01.2018

(11) EP2877755
(51) F16F 15/134
F16F 15/14
F16H 45/02
(00) 51/17
20.12.2017

(11) EP2882724
(51) C07D 263/32
C07D 413/12
C07D 413/14
C07D 417/12
C07D 417/14

A61K 31/421
A61P 35/00
A61P 7/00
(00) 26.10.2018
(00) 44/17
01.11.2017
(00) Restoration of rights
(00) IRBM - Science Park S.p.A.

(11) EP2930839
(51) H02M 7/48
H02M 7/483
(00) 49/17
06.12.2017

(11) EP2943072
(51) A23D 7/005
A23D 9/013
A23J 3/22
A23L 27/26
A23L 2/66
C12G 3/06
C12C 5/02
A23L 29/238
A23L 7/109
A23L 27/10
A23L 5/41
A23L 33/185
A23L 13/40
(00) 01/18
03.01.2018

(11) EP2960746
(51) G05G 9/047
A62C 27/00
E06C 5/32
E06C 5/04
(00) 01/18
03.01.2018

(11) EP2970548
(51) C09D 151/00
C09D 123/08
C08F 265/06
C08F 255/02
C08F 8/42
C08F 8/32
C08F 8/44
B82Y 30/00
B65D 25/14
C08J 3/03
C08J 3/24
C08K 3/34
C08K 5/17
C08J 5/00
(00) 01/18
03.01.2018

(11) EP2970700
(51) C09D 7/00
(00) 01/18
03.01.2018

(11) EP2994661
(51) F16D 13/64
(00) 01/18
03.01.2018

(11) EP3046778
(51) B44C 1/17
B41M 3/12
(00) 51/17
20.12.2017

(11) EP3086891
(51) B21H 1/06
(00) 01/18
03.01.2018

(11) EP3091328
(51) F42B 12/20
F42B 3/02
(00) 01/18
03.01.2018

(11) EP3102348
(51) B21B 27/00
C23C 2/02
C23C 2/40
(00) 01/18
03.01.2018

(11) EP3155300
(51) F16H 61/30
F16H 63/30
F16H 61/04

(11) EP3167319
(51) G02B 6/30
G02B 5/30
G02B 6/024
G02B 6/27
G02B 6/126
(00) 21/18
16.05.2018

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) EP1337803
(51) G01B 9/02
A61B 3/12
A61B 5/00
G01N 21/45
G02B 23/26
G01N 21/954
G01B 11/24

(11) EP1458471
(51) B01J 13/00
(00) 37/16
14.09.2016

(11) EP1484415
(51) C12Q 1/68
C12N 15/63
(00) 2010/10
21.04.2010

(11) EP1595324
(51) H02J 7/00
(00) 35/17
30.08.2017

(11) EP1827721
(51) B21B 27/10
(00) 2009/05
06.05.2009

(11) EP2138596
(51) C22C 38/00
B21B 3/00
C21D 9/46
C22C 38/14
C21D 8/02
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/12
(00) 23/16
10.06.2016

(11) EP2274085
(51) B01F 3/04
B01F 7/00
B01F 7/16
B01F 7/22
B01F 13/08
B01F 15/00
B01F 15/06
C12M 1/00
C12M 1/06

(11) EP2278960
(51) A61K 31/00
A61K 31/426
A61P 9/06
(00) 40/17
04.10.2017

(11) EP2282636
(51) A01N 43/42
(00) 05/17
01.02.2017

(11) EP2380436
(51) A01K 67/033
A01N 63/00
A23K 1/00
(00) 2013/33
14.08.2013

(11) EP2389580
(51) C07K 1/22
G01N 30/46

(11) EP2555634
(51) A23J 3/14
A23L 33/17
(00) 03/17
18.01.2017

(11) EP2594539
(51) C08K 5/11
C08K 5/103
C08L 29/14
B32B 17/10

(11) EP2620489
(51) C11D 17/00
C11D 17/04
E03D 9/03
C11D 3/50

(11) EP2623466
(51) C02F 1/52
C02F 1/66
C02F 1/68
C01F 5/24
C01F 11/18
C02F 1/44
C02F 103/08
(00) 06/18
31.01.2018

(11) EP2652131
(51) C12N 9/54
C11D 3/386
(00) 18/17
03.05.2017

(11) EP2706856
(51) A01N 63/00
A01N 25/34

(11) EP2809619
(51) C02F 1/52
C02F 1/66
C02F 1/68
C01F 5/24
C01F 11/18
C02F 1/44
C02F 103/08
(00) 31/17
02.08.2017

(11) EP2848108
(51) A01B 15/14
(00) 10/17
08.03.2017

(11) EP3094008
(51) H04B 3/54
G08C 19/00
H02J 50/00
(00) 27/18
27.06.2018

MED

Overige mededelingen.
Contains data concerning other communications.

(11) 2016899
(00) 18.10.2018
(51) H05B 3/14
H05B 3/26
(00) Pre-judgement attachement

(11) EP1700548
(51) A47J 31/40
B65D 81/00

(11) EP1887090
(51) C21C 1/10

(11) EP2081586
(51) A61K 38/17
A61K 39/395
A61P 35/00
C07K 16/18
C07K 14/515
C07K 14/475

(11) EP2188438
(51) D06N 3/00
D06M 15/227
B29C 65/00
D06N 3/04
B65D 33/22
B65D 30/04
B32B 27/12
B65D 75/12
F02F 1/24
F02F 1/40

(11) EP2205494
(51) B65D 5/20
B65D 85/60

(11) EP2258777
(51) C09D 5/03
B05D 7/24
C09D 5/00
C09D 127/12
C09D 127/18
C09D 177/00
C09D 179/08
C08L 81/04
C08L 27/18
C08G 73/14
C09D 7/40
C08L 77/00
C08L 79/08
C08L 81/06

(11) EP2376413
(51) C07C 29/141
C07C 31/24
C07C 31/20
C07C 31/22
C07C 29/80
C08G 18/56
C08G 63/16

(11) EP2446038
(51) C07K 14/475
C07K 16/18
C07K 16/22
G01N 33/574
G01N 33/68

(11) EP2721326
(51) F16J 15/3252
F16J 15/328
B21C 37/08
B21D 53/10
B23P 15/00
F16C 33/78

(11) EP2864355
(00) 18.10.2018
(51) C07K 16/24
G01N 33/574
G01N 33/68
(00) Based on clerical error
(00) correctie op akte rc201801356A vermelding van de houders

VRV

Verval of nietigverklaring.
Contains data concerning lapse or annulment.

(11) 1010390
(00) 26.10.2018
(00) Patent Expired

(11) 1010409
(00) 27.10.2018
(00) Patent Expired

(11) 1010427
(00) 29.10.2018
(00) Patent Expired

(11) EP0911051
(00) 26.10.2018
(00) Patent Expired

(11) EP0911313
(00) 27.10.2018
(00) Patent Expired

(11) EP0912036
(00) 26.10.2018
(00) Patent Expired

(11) EP0913083
(00) 30.10.2018
(00) Patent Expired

(11) EP0913162
(00) 30.10.2018
(00) Patent Expired

(11) EP0913415
(00) 26.10.2018
(00) Patent Expired

(11) EP0913466
(00) 26.10.2018
(00) Patent Expired

(11) EP0913908
(00) 27.10.2018
(00) Patent Expired

(11) EP0914863
(00) 30.10.2018
(00) Patent Expired

(11) EP0914867
(00) 27.10.2018
(00) Patent Expired

(11) EP0915108
(00) 30.10.2018
(00) Patent Expired

(11) EP0915147
(00) 30.10.2018
(00) Patent Expired

(11) EP0915214
(00) 27.10.2018
(00) Patent Expired

(11) EP0915229
(00) 26.10.2018
(00) Patent Expired

(11) EP0915344
(00) 28.10.2018
(00) Patent Expired

(11) EP0919655
(00) 30.10.2018
(00) Patent Expired

(11) EP0920977
(00) 27.10.2018
(00) Patent Expired

(11) EP0922394
(00) 28.10.2018
(00) Patent Expired

(11) EP0922772
(00) 27.10.2018
(00) Patent Expired

(11) EP0958512
(00) 29.10.2018
(00) Patent Expired

(11) EP0960024
(00) 28.10.2018
(00) Patent Expired

(11) EP0984802
(00) 29.10.2018
(00) Patent Expired

(11) EP0997433
(00) 30.10.2018
(00) Patent Expired

(11) EP1014324
(00) 29.10.2018
(00) Patent Expired

(11) EP1024824
(00) 27.10.2018
(00) Patent Expired

(11) EP1024906
(00) 28.10.2018
(00) Patent Expired

(11) EP1025132
(00) 27.10.2018
(00) Patent Expired

(11) EP1025211
(00) 30.10.2018
(00) Patent Expired

(11) EP1025370
(00) 28.10.2018
(00) Patent Expired

(11) EP1025497
(00) 27.10.2018
(00) Patent Expired

(11) EP1026952
(00) 26.10.2018
(00) Patent Expired

(11) EP1026953
(00) 28.10.2018
(00) Patent Expired

(11) EP1027093
(00) 30.10.2018
(00) Patent Expired

(11) EP1027113
(00) 26.10.2018
(00) Patent Expired

(11) EP1027114
(00) 26.10.2018
(00) Patent Expired

(11) EP1027428
(00) 30.10.2018
(00) Patent Expired

(11) EP1027439
(00) 27.10.2018
(00) Patent Expired

(11) EP1027530
(00) 27.10.2018
(00) Patent Expired

(11) EP1027794
(00) 28.10.2018
(00) Patent Expired

(11) EP1027795
(00) 29.10.2018
(00) Patent Expired

(11) EP1027796
(00) 26.10.2018
(00) Patent Expired

(11) EP1028717
(00) 26.10.2018
(00) Patent Expired

(11) EP1028805
(00) 31.10.2018
(00) Patent Expired

(11) EP1028961
(00) 27.10.2018
(00) Patent Expired

(11) EP1031569
(00) 27.10.2018
(00) Patent Expired

(11) EP1032705
(00) 30.10.2018
(00) Patent Expired

(11) EP1044008
(00) 26.10.2018
(00) Patent Expired

(11) EP1044961
(00) 30.10.2018
(00) Patent Expired

(11) EP1049695
(00) 31.10.2018
(00) Patent Expired

(11) EP1051283
(00) 30.10.2018
(00) Patent Expired

(11) EP1124836
(00) 27.10.2018
(00) Patent Expired

(11) EP1125448
(00) 26.10.2018
(00) Patent Expired

(11) EP1173028
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1174431
(00) 31.10.2018
(00) Patent Expired

(11) EP1352961
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1358570
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1373141
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP1402329
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1423561
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1505492
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1523731
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1554684
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1654630
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1699223
(00) 26.10.2018
(00) Patent Expired

(11) EP1703362
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1706791
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1708806
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1740093
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1741058
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1755726
(00) 18.04.2018
(00) European Patent got Revoked

(11) EP1764269
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1772557
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1776633
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1778183
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1787295
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1805042
(00) 19.01.2011
(00) EPV Ceased Effect

(11) EP1808164
(00) 07.01.2009
(00) EPV Ceased Effect

(11) EP1826015
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1839353
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP1841330
(00) 03.07.2018
(00) European Patent got Revoked

(11) EP1841715
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1842352
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1871850
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1897409
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1899773
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1902953
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1903284
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1908109
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1909227
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1916510
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1920504
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1923965
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1926070
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1930330
(00) 27.10.2018
(00) Patent Expired

(11) EP1936000
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1937076
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1937115
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1937481
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1939327
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1946050
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1948385
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP1953463
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1955372
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1958433
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1959591
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1976347
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1989182
(00) 14.05.2018
(00) European Patent got Revoked

(11) EP1994425
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1996928
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1997550
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP1999953
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2000889
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2001359
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2007585
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2013298
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2016602
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2020131
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2020605
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2022845
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2025120
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2042499
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2044996
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2046211
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2049216
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2060770
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2064279
(00) 07.09.2011
(00) EPV Ceased Effect

(11) EP2064752
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2067053
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2068515
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2070045
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2071412
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2072097
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2075512
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2079228
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2080422
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2081960
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2085643
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2090901
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2092432
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2092596
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2092771
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2096525
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2097034
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2099846
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2108189
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2109299
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2113703
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2115843
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2117222
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2118622
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2120359
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2122305
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2123009
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2123548
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2124130
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2127085
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2128403
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2129134
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2132509
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2135443
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2135699
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2136383
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2136712
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2137475
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2137847
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2139301
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2143251
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2150316
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2151170
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2153826
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2163766
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2170258
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2173333
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2174861
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2179011
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2183278
(00) 04.07.2018
(00) EPV Ceased Effect

(11) EP2184627
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2186107
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2188163
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2188433
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2191725
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2197360
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2198082
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2198266
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2199005
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2201995
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2202367
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2204660
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2206973
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2207333
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2207494
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2208380
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2208425
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2211050
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2212253
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2214415
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2214530
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2215830
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2215904
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2216389
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2217221
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2219800
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2224851
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2228685
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2229021
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2230897
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2231067
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2232458
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2234588
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2236002
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2236792
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2238205
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2239034
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2240788
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2242161
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2242297
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2244294
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2246746
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2247684
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2249140
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2250534
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2252293
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2252868
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2253915
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2255254
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2256443
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2259566
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2259709
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2259999
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2260004
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2260517
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2263348
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2264063
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2267563
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2268285
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2268744
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2269167
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2269673
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2270473
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2271229
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2272828
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2275679
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2275826
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2275871
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2277187
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2278305
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2279450
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2280094
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2283667
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2283707
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2284890
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2285605
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2287043
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2289409
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2293196
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2300020
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2304863
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2306265
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2306441
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2307882
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2309019
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2310190
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2312658
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2314953
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2323669
(00) 13.05.2015
(00) EPV Ceased Effect

(11) EP2327367
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2328311
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2330409
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2334034
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2336504
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2336929
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2338843
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2339439
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2340028
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2341466
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2342962
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2344277
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2346538
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2347404
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2347755
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2352856
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2352859
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2353799
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2355320
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2355568
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2356563
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2356724
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2356760
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2357877
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2358628
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2360964
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2361508
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2361742
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2365410
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2366437
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2366511
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2366735
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2367258
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2367272
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2367520
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2367681
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2368977
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2371887
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2372076
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2373785
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2375494
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2375724
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2378315
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2378426
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2378995
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2383856
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2384097
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2384918
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2385342
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2386121
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2386363
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2386568
(00) 30.10.2018
(00) Patent Expired

(11) EP2386569
(00) 30.10.2018
(00) Patent Expired

(11) EP2387817
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2388911
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2391386
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2393898
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2398085
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2399164
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2401349
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2404515
(00) 04.09.2018
(00) European Patent got Revoked

(11) EP2405683
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2405690
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2405946
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2406163
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2406166
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2406211
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2406625
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2406875
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2407106
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2407135
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2407954
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2408326
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2408945
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2409557
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2409696
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2410079
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2413643
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2417707
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2418051
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2418219
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2418277
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2419521
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2422149
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2423802
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2426746
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2428542
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2430443
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2430538
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2432052
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2435822
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2439614
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2444275
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2444320
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2446840
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2456042
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2457236
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2459884
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2461612
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2462263
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2463541
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2463730
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2470929
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2472553
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2473183
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2473235
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2473805
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2475638
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2479867
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2480718
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2481146
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2481779
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2483434
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2483539
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2484053
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2484837
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2486180
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2487821
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2487877
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2491287
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2491317
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2491763
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2493082
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2493515
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2493731
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2494789
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2495353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2496242
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2496994
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2497547
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2498374
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2498384
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2498510
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2499552
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2500385
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2500757
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2502135
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2504427
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2505298
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2507105
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2508417
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2509244
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2509543
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2510015
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2510531
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2510736
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2511040
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2512176
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2512964
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2514505
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2518314
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2520726
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2521037
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2521280
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2521467
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2524306
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2524917
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2529912
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2532918
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2533581
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2534082
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2534749
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2534847
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2536874
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2537026
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2537184
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2538268
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2543257
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2543335
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2544601
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2546271
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2546455
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2547133
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2548083
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2549699
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2550749
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2550815
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2550857
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2551042
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2553291
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2553898
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2554002
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2555492
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2555849
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2555981
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2556174
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2556895
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2557566
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2558092
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2559053
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2560927
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2561075
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2562668
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2562670
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2562671
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2563948
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2565219
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2566291
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2569006
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2569833
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2570941
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2572459
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2574986
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2577678
(00) 09.04.2014
(00) EPV Ceased Effect

(11) EP2581418
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2586768
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2587238
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2587417
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2589633
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2590220
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2590280
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2590651
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2590716
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2591883
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2593667
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2595298
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2595795
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2596429
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2597156
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2597771
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2598696
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2600321
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2600427
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2600541
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2602507
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2603321
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2603473
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2603847
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2604326
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2605353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2605838
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2606685
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2609220
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2609448
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2609845
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2610307
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2611280
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2613072
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2613104
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2613606
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2615316
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2616838
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2619492
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2620091
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2620248
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2621067
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2621553
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2621773
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2623059
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2623337
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2623479
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2623482
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2623706
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2624604
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2624821
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2625346
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2626745
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2630891
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2632361
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2634941
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2635213
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2637071
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2638449
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2639041
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2640687
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2642151
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2642192
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2642560
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2643099
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2644049
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2644531
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2645068
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2645630
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2647116
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2647576
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2649898
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2650063
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2650192
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2650264
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2650459
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2650769
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2651371
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2652161
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2652801
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2653624
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2653815
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2656413
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2656549
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2657094
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2657382
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2657396
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2659063
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2661470
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2663039
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2663056
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2663625
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2663742
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2664176
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2667479
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2667921
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2668635
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2669077
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2670379
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2670635
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2670730
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2670863
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2670893
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2671638
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2672743
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2673940
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2674916
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2675496
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2676391
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2677074
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2678535
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2679697
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2680553
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2680622
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2681783
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2682282
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2684436
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2685104
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2686355
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2687032
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2687279
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2687312
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2688285
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2688795
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2689810
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2691741
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2692050
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2693285
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2693394
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2693878
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2695911
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2696196
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2696216
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2696353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2696366
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2697404
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2697490
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2698190
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2699995
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2700178
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2701193
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2701303
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2703102
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2704567
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2704700
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2704836
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2705185
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2705237
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2705258
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2705918
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2706147
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2706192
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2706314
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2706619
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2707428
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2707502
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2708233
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2708964
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2709355
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2711058
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2711756
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2712732
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2712807
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2713146
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2715382
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2716344
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2719147
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2719926
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2722417
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2724056
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2724757
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2724974
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2725583
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2726698
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2728633
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2729199
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2729610
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2730639
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2730870
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2731753
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2732510
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2734115
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2734166
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2735432
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2735501
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2735649
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2736322
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2736855
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2736984
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2737052
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2737862
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2738620
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2739154
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2740198
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2741197
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2741858
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2741909
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2743066
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2743148
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2743251
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2743256
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2743523
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2743991
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2745327
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2747376
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2747390
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2749003
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2749087
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2749121
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2749660
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2750114
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2750852
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2751257
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2751385
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2752324
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2752387
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2752402
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2752456
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2752872
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2752980
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2753134
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2753292
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2754462
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2754483
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2754965
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2754989
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2755230
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2755242
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2755694
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2755769
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2756833
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2758317
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2759326
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2760588
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2760591
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2760657
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2762655
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2763124
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2763688
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2763786
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2765622
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2765757
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2766407
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2767321
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2767419
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2768126
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2769084
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2770233
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2770377
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2770435
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2770861
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2771402
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2772124
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2772194
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2773129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2773302
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2774331
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2774953
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2775179
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2775306
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2776508
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2777317
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2779160
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2779725
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2780765
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2783115
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2783428
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2784043
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2784313
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2784482
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2785047
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2786591
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2786881
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2787236
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2787369
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2789037
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2789086
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2789135
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2789152
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2790219
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2790661
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2791433
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2792897
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2792956
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2794383
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2794748
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2794881
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2795762
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2796007
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2796179
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2796411
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2796667
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2798304
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2798369
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2799532
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2799851
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2799956
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2800426
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2800539
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2801082
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2801420
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2801558
(00) 04.11.2015
(00) EPV Ceased Effect

(11) EP2801815
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2801951
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2802576
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2802815
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2803510
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2803696
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2803711
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2804477
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2804730
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2804849
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2805601
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2805939
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2806565
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2808301
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2809201
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2809308
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2810101
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2810190
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2810349
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2811020
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2811969
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2812073
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2812582
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2813581
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2814460
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2814589
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2814619
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2815352
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2815541
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2817002
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2817593
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2819695
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2819739
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2821982
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2823632
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2823983
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2824818
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2824959
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2826109
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2826344
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2827927
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2828027
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2828397
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2828440
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2829183
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2829426
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2829448
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2830271
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2830997
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2831895
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2832239
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2832257
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2832521
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2833218
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2833246
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2833668
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2833861
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2833938
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2834469
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2835089
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2835762
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2835906
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2836214
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2837073
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2837314
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2837591
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2837624
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2838408
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2838465
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2839003
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2839276
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2839468
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2839527
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2841102
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2841343
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2842055
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2842578
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2842602
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2843018
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2843275
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2843730
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2843778
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2844033
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2844491
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2845259
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2845752
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2846581
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2846962
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2847525
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2848196
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2848342
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2851620
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2852085
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2853195
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2854436
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2854803
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2856082
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2860621
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2860923
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2862838
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2863002
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2864779
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2865353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2865939
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2869729
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2871193
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2871439
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2871764
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2872340
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2872791
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2873515
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2873547
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2873747
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2874339
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2874482
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2876711
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2876777
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2876983
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2877575
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2877723
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2878355
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2878430
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2878463
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2878465
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2878600
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2878838
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2878889
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2879073
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2879547
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2879760
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2879891
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2880172
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2880411
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2880702
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2881381
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2881947
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2882300
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2882666
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2882751
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2883182
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2883401
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2883992
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2884000
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2885122
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2887856
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2888394
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2888598
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2889240
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2890119
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2891875
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2892249
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2893401
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2893640
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2894483
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2895794
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2896609
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2896662
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2899100
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2899275
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2899474
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2901373
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2901507
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2901667
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2902522
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2902973
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2903330
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2904153
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2904458
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2905415
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2906249
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2907275
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2907348
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2907363
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2907431
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2908188
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2908477
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2909022
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2911009
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2911313
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2912727
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2914238
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2914959
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2915844
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2917059
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2917336
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2917683
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2917696
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2918131
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2918327
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2918486
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2918854
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919329
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919331
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919359
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919379
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919551
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919671
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2919706
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2920186
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2920358
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2920361
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921077
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921211
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921346
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921355
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921356
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2921553
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2922066
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2922696
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2922778
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2922941
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2925867
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2927004
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2927059
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2928334
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2929897
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2930036
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2930053
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2930357
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2930464
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2931350
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2931382
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2932930
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2933780
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2934036
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2934883
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2935216
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2936971
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2937367
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2937374
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2937540
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2937919
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2938392
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2938837
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2938996
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2939381
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2940152
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2940220
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2940337
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2941406
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2941942
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2942150
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2943233
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2943331
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2943447
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2943462
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2945199
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2945413
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2945426
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2946446
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2947228
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2947503
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2948094
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2948376
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2949259
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2951844
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2952194
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2952217
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2952271
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2952614
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2952751
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2954532
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2955249
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2955888
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2956317
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2956947
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2957405
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2959315
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2959818
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2960341
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2960681
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2961953
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2962043
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2962416
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2963521
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2964481
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2964524
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2966572
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2966825
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2967226
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2968234
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2968964
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2969824
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2970108
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2970321
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2971988
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2972899
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2973218
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2973394
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2973607
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2973756
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2973858
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2974589
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2976329
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2976339
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2977604
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2977628
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2977961
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2978692
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2979191
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2979343
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2980304
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2981037
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2981066
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2981348
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2982664
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2982665
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2982686
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2983245
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2983286
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2983734
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2983919
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2984970
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2985870
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2986071
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2987422
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2987569
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2989227
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2989236
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP2990219
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2990287
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2990547
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2991250
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2991406
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2992023
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2992185
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2992190
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2992870
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2993165
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2993863
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2994653
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2994698
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2995479
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2995568
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2996181
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2996389
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2996514
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2998328
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2998404
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP2999816
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3000589
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3001598
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3001884
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3001942
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3002148
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3002183
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3002262
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3002754
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3003053
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3003531
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3004446
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3004553
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3005389
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3006474
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3006528
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3007993
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3011673
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3012525
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3012713
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3013037
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3013172
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3014694
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3015218
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3015383
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3015901
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3016214
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3017923
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3018055
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3018202
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3018438
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3019332
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3019813
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3020562
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3020856
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3021052
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3021336
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3021616
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3021624
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3021833
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3021974
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3022204
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3023183
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3023215
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3023270
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3023359
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3023480
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3024087
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3024956
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3025513
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3025804
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3025947
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3026008
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3026302
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3026304
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3026689
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3027333
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3028417
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3028766
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3029085
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3029097
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3029563
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3029886
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3031320
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3032110
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3032154
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3032219
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3034138
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3034148
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3034231
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3034395
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3034854
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3035199
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3035393
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3035558
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3036033
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3036785
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3036873
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3037133
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3037205
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3037296
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3037923
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3038475
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3039129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3039169
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3040466
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3040467
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3040528
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3040575
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3041762
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3042000
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3042261
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3042314
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3043172
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3043525
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3043574
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3043630
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3044422
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3044859
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3045325
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3045359
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3045502
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3045964
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3046378
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3046844
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3047487
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3048190
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3048286
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3048498
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3049078
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3049335
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3049573
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3049706
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3050204
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3050989
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3051096
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3051158
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3051242
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3051997
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3052240
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3052648
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3052739
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3053155
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3053215
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3053390
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3054069
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3054130
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3054384
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3055197
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3055428
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3055995
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3057265
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3057715
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3057852
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3058229
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3058933
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3059101
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3060412
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3060448
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3060693
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3061194
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3061327
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3061384
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3061755
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3062080
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3062150
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3062451
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3063234
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3063590
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3064247
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3064528
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3066251
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3066729
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3067023
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3067156
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3067990
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3068365
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3068676
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3069427
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3069862
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3069961
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3070066
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3070353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3070435
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3071346
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3071398
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3072181
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3072658
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3073100
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3073136
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3073192
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3074323
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3075041
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3075046
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3075307
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3075789
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3076461
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3076535
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3076666
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3076919
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3077237
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3077628
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3078016
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3078289
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3078512
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3078567
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3078773
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3079041
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3079398
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3080904
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3081074
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3081523
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3081941
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3082197
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3082257
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3082398
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3082414
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3082533
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3082672
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3085375
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3088116
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3088239
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3088489
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3088645
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3088799
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3089189
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3089196
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3089347
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3089890
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3089985
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3091115
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3091618
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3092231
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3092414
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3092633
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3092640
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3092929
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3093484
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3094036
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3094212
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3094484
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3094815
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3094874
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3095376
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3095508
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3095777
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3095833
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3096052
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3096090
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3097129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3098590
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3099133
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3099487
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3099619
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3099798
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3099833
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3099911
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3100629
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3100639
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3100861
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3101883
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3102235
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3102366
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3102824
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3103129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3103353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3103701
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3104739
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3105955
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3107690
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3108564
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3109059
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3109285
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3109640
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3110004
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3110066
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3110679
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3110781
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3111635
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3112112
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3112113
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3112590
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3113150
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3113856
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3114770
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3115262
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3115275
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3115656
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3115687
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3115708
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3116106
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3116743
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3117309
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3117476
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3118041
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3118497
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3118653
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3121114
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3121129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3121349
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3122316
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3122463
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3122999
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3123017
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3123079
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3123951
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3124078
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3124359
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3125023
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3125672
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3126276
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3127341
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3127347
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3127494
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3128333
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3128412
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3128480
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3129239
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3129448
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3129602
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3131223
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3131799
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3132146
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3132175
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3132518
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3132973
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3133791
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3134055
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3134057
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3134435
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3135424
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3135654
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3136694
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3137311
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3137341
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3137570
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3138150
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3140056
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3140087
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3140311
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3140706
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3140883
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3141748
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3141906
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3143859
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3143863
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3144861
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3144948
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3146735
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3146827
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3147033
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3147170
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3147214
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3148997
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3150467
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3150600
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3151237
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3152119
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3152803
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3153238
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3153376
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3153608
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3156112
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3156162
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3156260
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3156343
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3156433
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3157039
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3157226
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3159531
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3159575
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3159965
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3159988
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3160017
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3160096
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3160993
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3161338
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3161410
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3161852
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3161903
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3162682
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3162769
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3164505
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3165136
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3165310
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3165673
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3165700
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3166128
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3166253
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3166365
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3167032
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3167771
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3168180
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3168376
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3168458
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3168459
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3168483
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3168528
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3169409
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3169980
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3170220
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3170366
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3170503
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3171106
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3171124
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3171185
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3171466
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3172070
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3172149
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3172478
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3172800
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3172902
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3173568
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3174368
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3174440
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3174468
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3175093
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3175886
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3176086
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3176351
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3177577
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3177776
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3178565
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3178970
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3179193
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3179324
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3179398
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3179611
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3180174
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3180484
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3180531
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3180589
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3180810
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3182496
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183048
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183253
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183426
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183434
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183477
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183740
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3183845
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3183923
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3184718
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3184810
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3184960
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3185500
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3186113
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3186512
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3186598
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3187400
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3187810
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3188209
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3188241
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3188681
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3189223
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3189300
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3189676
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3189944
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3190065
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3190145
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3190691
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3191254
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3191630
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3191895
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3192283
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3193812
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3194019
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3194117
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3194213
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3198128
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3198825
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3199794
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3199963
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3199964
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3201005
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3201006
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3202129
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3202637
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3204271
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3204992
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3206095
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3206938
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3206957
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3207537
(00) 27.06.2018

(00) EPV Ceased Effect

(11) EP3207850
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3208268
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3208464
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3209832
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3210918
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3211026
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3211723
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3212055
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3212366
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3212832
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3213547
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3213698
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3213824
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3214412
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3215322
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3216743
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3217070
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3217071
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3220229
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3220353
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3221090
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3230401
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3231520
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3233632
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3236215
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3236351
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3236638
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3239386
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3241760
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3242181
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3244283
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3244655
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3244775
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3252033
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3252968
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3256807
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3259547
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3262102
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3269198
(00) 27.06.2018
(00) EPV Ceased Effect

(11) EP3304750
(00) 27.06.2018
(00) EPV Ceased Effect

VRB

Verbeteringen op eerdere publicaties.
Contains data concerning corrections.

CO

Ingeschreven overdrachten.
Contains data concerning registered assignments or change of owners.

(71) Seawind Ocean Technology Holding B.V.
(73) Seawind Ocean Technology Holding B.V.
(11) EP2705251
(00) 22.10.2018
(51) F03D 1/00
E01F 3/00
(00) Assignment

(71) Bambino Prezioso Switzerland AG
(73) Bambino Prezioso Switzerland AG
(11) EP2022375
(00) 14.08.2018
(51) A47D 13/10
(00) Assignment

(71) Bambino Prezioso Switzerland AG
(73) Bambino Prezioso Switzerland AG
(11) EP2277734
(00) 14.08.2018
(51) B60N 2/28
(00) Assignment

(71) Seawind Ocean Technology Holding B.V.
(73) Seawind Ocean Technology Holding B.V.
(11) EP2715121
(00) 22.10.2018
(51) F16C 17/06
F16F 1/387
F16F 3/12
F03D 1/06
(00) Assignment

(71) BÜHLER INSECT TECHNOLOGY SOLUTIONS AG
(73) BÜHLER INSECT TECHNOLOGY SOLUTIONS AG
(11) 2009044
(00) 30.08.2018
(51) A23L 1/48
A23J 3/00
A23L 1/29
A61K 35/64
C11B 1/02
C11B 1/10
A23J 3/34
(00) Assignment

(71) Klara10 B.V.
(11) 2016529
(00) 29.08.2018
(51) A01K 1/00
(00) Assignment

(71) Florida Gulf Coast University Board of Trustees
(73) Florida Gulf Coast University Board of Trustees
(11) EP2178903
(00) 29.08.2018
(51) C07K 14/00
A61K 38/16
C07K 14/005
(00) Assignment

(71) Klara10 B.V.
(73) Klara10 B.V.
(11) 2014576
(00) 29.08.2018
(51) A01K 1/00
A01K 1/02
A01K 1/03
(00) Assignment

(71) Smart Systems Enterprises, Inc.
(73) Smart Systems Enterprises, Inc.
(11) EP2187784
(00) 03.09.2018
(51) A47F 1/12
(00) Assignment

(71) Southern Spars Group, LLC
(73) Southern Spars Group, LLC
(11) EP2576338
(00) 27.08.2018
(51) B63H 9/08
B63B 15/00
(00) Merge

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) EP1419222
(00) 07.09.2018
(51) C10K 1/18
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP1466755
(00) 03.09.2018
(51) B31F 1/07
B42D 15/00
(00) Assignment

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) 2009733
(00) 07.09.2018
(51) C10J 3/46
C10J 3/48
C10J 3/72
B01J 8/08
B01J 8/26
B01J 8/18
(00) Assignment

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) 2003917
(00) 07.09.2018
(51) F28D 7/02
(00) Assignment

(71) Mitsubishi Shipbuilding Co., Ltd.
(73) Mitsubishi Shipbuilding Co., Ltd.
(11) EP1170204
(00) 03.09.2018
(51) B63B 39/06
E02B 3/06
(00) Assignment

(71) Tofuji E.M.I. CO., LTD.
Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.
(73) Tofuji E.M.I. CO., LTD.
Mitsubishi Heavy Industries Engine & Turbocharger, Ltd.
(11) EP2067959
(00) 07.09.2018
(51) F01D 17/16
F01D 25/00
F02C 6/12
F02B 37/24
(00) Assignment

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) 2013957
(00) 07.09.2018
(51) C10J 3/48
C10J 3/66
C10J 3/72
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP1567714
(00) 03.09.2018
(51) D21F 11/10
(00) Assignment

(71) Mitsubishi Shipbuilding Co., Ltd.
(73) Mitsubishi Shipbuilding Co., Ltd.
(11) EP1719697
(00) 03.09.2018
(51) B63B 35/44
B63B 39/03
(00) Assignment

(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(73) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(11) EP2265848
(00) 05.09.2018
(51) F16L 19/02
F16L 19/025
E21B 17/043
E21B 17/046
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP1468142
(00) 03.09.2018
(51) D21H 21/40
B31F 1/07
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP1740768
(00) 03.09.2018
(51) D21H 21/44
B42D 15/00
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP2260143
(00) 03.09.2018
(51) D21F 11/00
D21F 13/00
B24D 15/00
D21H 21/40
(00) Assignment

(71) Maplastic GmbH
(73) Maplastic GmbH
(11) EP2563556
(00) 07.09.2018
(51) B26B 5/00
(00) Assignment

(71) JH Agro A/S
(73) JH Agro A/S
(11) EP1330154
(00) 03.09.2018
(51) A01K 1/01
A01C 3/00
C05F 3/00
(00) Change of owner(s) name

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) EP1922392
(00) 07.09.2018
(51) C10J 3/56
C10B 49/22
F27B 15/02
(00) Assignment

(71) Andreas Stihl AG & Co. KG
(73) Andreas Stihl AG & Co. KG
(11) EP1967271
(00) 31.08.2018
(51) B02C 18/08
(00) Assignment

(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(73) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(11) EP2156009
(00) 05.09.2018
(51) E21B 23/06
E21B 34/12
(00) Assignment

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) EP2480637
(00) 07.09.2018
(51) C10K 1/18
C10J 3/84
(00) Assignment

(71) Smart Reamer Drilling Systems Limited
(73) Smart Reamer Drilling Systems Limited
(11) EP2327857
(00) 24.10.2018
(51) E21B 44/00
E21B 47/01
E21B 47/08
E21B 10/32
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP1141480
(00) 03.09.2018
(51) D21F 1/44
D21H 21/42
(00) Assignment

(71) Lethe Naval GmbH
(73) Lethe Naval GmbH
(11) EP2095938
(00) 03.09.2018
(51) B32B 1/08
F16L 59/14
(00) Assignment

(71) Portals De La Rue Limited
(73) Portals De La Rue Limited
(11) EP2855772
(00) 03.09.2018
(51) D21H 27/00
D21H 17/25
D21H 19/34
D21H 21/16
D21H 21/18
(00) Assignment

(71) Andreas Stihl AG & Co. KG
(73) Andreas Stihl AG & Co. KG
(11) EP2165766
(00) 31.08.2018
(51) B02C 18/08
(00) Assignment

(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(73) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(11) EP2215324
(00) 05.09.2018
(51) E21B 17/10
(00) Assignment

(71) Recycold Holding B.V.
(73) Recycold Holding B.V.
(11) 1041849
(00) 04.09.2018
(51) F25D 3/08
(00) Assignment

(71) Fuji Seal International, Inc.
(73) Fuji Seal International, Inc.
(11) 2017641
(00) 31.08.2018
(51) B65C 3/06
(00) Assignment

(71) Fuji Seal International, Inc.
(73) Fuji Seal International, Inc.
(11) 2018117
(00) 31.08.2018
(51) B65C 3/06
(00) Assignment

(71) Mitsubishi Shipbuilding Co., Ltd.
(73) Mitsubishi Shipbuilding Co., Ltd.
(11) EP2641825
(00) 03.09.2018
(51) B63B 35/00
B66C 5/02
F03D 9/00
(00) Assignment

(71) MILENA-OLGA Joint Innovation Assets B.V.
(73) MILENA-OLGA Joint Innovation Assets B.V.
(11) EP2882517
(00) 07.09.2018
(51) B01D 53/14
C10K 1/16
(00) Assignment

(71) Bucon B.V.
(73) Bucon B.V.
(11) 2018194
(00) 07.09.2018
(51) E04H 7/06
B65D 90/02
E04H 7/30
(00) Assignment

(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(73) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(11) EP2245258
(00) 05.09.2018
(51) E21B 17/18
(00) Assignment

(71) FireEye, Inc.
(73) FireEye, Inc.
(11) EP3014513
(00) 04.09.2018
(51) G06F 21/55
H04L 29/06
G06F 21/56
(00) Assignment

TVH

Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.