



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:

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Iban: NL41INGB070500129

BIC: INGBNL2A

Introduction

Patent Bulletin

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

Official Journal

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

Subscription rates per calendar year:

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:

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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. | 9 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995. | 9 |
| Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995. | 11 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995. | 11 |
| Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen. | 12 Heading EP1 Contains data concerning translations of the conclusions of European patent applications. | 12 |
| Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien. | 13 Heading EP2 Contains data concerning European patents granted for The Netherlands. | 13 |
| 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. | 185 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. | 185 |
| Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien. | 224 Heading EP4 Contains data concerning European patents granted in amended form for the Netherlands. | 224 |
| Rubriek EP5 Bevat gegevens betreffende voor Nederland verleende gewijzigde | 225 Heading EP5 Contains data concerning European patents granted in amended form for | 225 |

| | | |
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| Europese octrooien waarvoor een gewijzigde vertaling is ingediend. | The Netherlands in which an amended translation was filed. | |
| Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten | 226Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates. | 226 |
| Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995. | 227Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law. | 227 |
| Rubriek VB2 Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995. | 230Heading VB2 Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made. | 230 |
| Rubriek MED Bevat gegevens betreffende overige mededelingen. | 231Heading MED Contains data concerning other communications. | 231 |
| Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring. | 232Heading VRV Contains data concerning lapse or annulment. | 232 |
| Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties. | 250Heading VRB Contains data concerning corrections on earlier publications. | 250 |
| Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister. | 251Heading CO Contains data concerning changes in the Netherland patent register. | 251 |
| Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten. | 253Heading TVH Contains data concerning depots of original topographies of semi-conductor products. | 253 |

Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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

| | | |
|--|---|---|
| (51) A01J 5/017 | (71) MAREL STORK POULTRY PROCESSING B.V. | (54) Apparaat voor het behandelen van een luchtstroom. |
| (21) 2017686 | (74) ir. H.Th. van den Heuvel c.s. | (71) M.R. van Groeningen B.V. |
| (22) 28.10.2016 | (72) Jeroen Vergeldt | (74) ir. J.M.G. Dohmen c.s. |
| (54) Melkrobot | Marcus Marinus Gerardus Kroot | (72) Menno Rudolf van Groeningen |
| (71) Lely Patent N.V. | Roger Pierre Hubertus Maria Claessens | (41) 18.05.2018 |
| (74) ir. M.J.F.M. Corten | (41) 18.05.2018 | (51) B05B 11/00 |
| (72) Dirk Kraaij | (51) A24C 1/28 | B65D 83/28 |
| Michiel Brevet | A24C 1/30 | (21) 1042119 |
| (41) 18.05.2018 | (21) 2017685 | (22) 28.10.2016 |
| (51) A01K 5/00 | (22) 28.10.2016 | (54) Spuitbus met een geïntegreerde, uit- en inschuifbare buigzame buis met sproeikop welke te bedienen is door een vaste drukknop. |
| B01F 5/26 | (54) Apparaat for forming a cigar from a bunch and a wrapper | (71) Roel van Distel |
| B01F 15/00 | (71) VDL PMB-UVA B.V. | Gerardus Antonius Hoogendonk |
| (21) 1042115 | (74) ir. J.M.G. Dohmen c.s. | (72) Roel van Distel |
| (22) 27.10.2016 | (72) Robin Jacques Antoon Pals | Gerardus Antonius Hoogendonk |
| (54) Cilindrisch meng/doseer systeem door middel van zwaartekracht. | (41) 18.05.2018 | (71) B32B 27/08 |
| (71) Johannes Grimmius | (51) A61K 35/60 | B32B 27/28 |
| (72) Johannes Grimmius | A23L 17/20 | B32B 27/34 |
| (41) 18.05.2018 | A61P 17/00 | B32B 27/36 |
| (51) A01K 31/00 | A61P 17/06 | B32B 3/26 |
| (21) 2017707 | (21) 2017714 | B65D 77/20 |
| (22) 02.11.2016 | (22) 03.11.2016 | B32B 27/12 |
| (54) Poultry container side panel, poultry container and assembly of a poultry container and at least one such side panel | (54) Medicament for skin diseases | B32B 3/10 |
| (71) MAREL STORK POULTRY PROCESSING B.V. | (71) Eczoil B.V. | B32B 3/18 |
| (74) ir. H.Th. van den Heuvel c.s. | (74) mr. ir. J. van Breda c.s. | B32B 5/14 |
| (72) Hendrikus Antonius Theresia Petrus Hetterscheid | (72) Alida Catharina Maria Karregat-de Boer Cornelis Laurentius Gerardus Karregat | (21) 2017687 |
| Marcus Marinus Gerardus Kroot | (41) 18.05.2018 | (22) 30.10.2016 |
| Roger Pierre Hubertus Maria Claessens | (51) A63B 22/14 | (54) CONTAINER COVERED WITH A FILM |
| (41) 18.05.2018 | (21) 1042121 | (71) PackConnect B.V. |
| (51) A01K 31/00 | (22) 28.10.2016 | (74) dr. J. van Straaten |
| (21) 2017708 | (54) Inrichting omvattende een roteerbare plaat voor hardlopen daarop, tevens combinatie van zo een inrichting en een ondergrond. | (72) Charles Jacques Madeleine van Reij |
| (22) 02.11.2016 | (71) Delyvin B.V. | (41) 18.05.2018 |
| (54) Poultry container door panel, poultry container door frame, poultry container and assembly of a poultry container and a poultry container front panel | (72) Gerhardus Henricus Maria Albers | (31) NL2016176 |
| (71) MAREL STORK POULTRY PROCESSING B.V. | (41) 18.05.2018 | (32) 28.01.2016 |
| (74) ir. H.Th. van den Heuvel c.s. | (51) B01D 29/09 | (33) Netherlands |
| (72) Johannes Henricus Maria van Mil | B01D 33/04 | (51) B44C 5/04 |
| Roger Pierre Hubertus Maria Claessens | B01D 33/056 | E04F 13/07 |
| (41) 18.05.2018 | (21) 2017697 | (21) 2017681 |
| (51) A01K 31/00 | (22) 01.11.2016 | (22) 27.10.2016 |
| A01K 31/02 | (54) System for filtering a liquid, method for operating such a system and roll replacement method | (54) Decorative panel |
| A01K 31/07 | (71) R & R Holding B.V. | (71) Texture Painting bvba |
| A01K 45/00 | (74) ir. M. van der Velden | (74) ir. H.V. Mertens c.s. |
| (21) 2017706 | (72) Roger Johannes Alexander Wensink | (72) Ronny Wuyts |
| (22) 02.11.2016 | (41) 18.05.2018 | (41) 18.05.2018 |
| (54) Poultry container cover, poultry container, and poultry container assembly for holding live poultry | (51) B03C 3/017 | (51) B60R 7/04 |
| | F24C 15/20 | B60N 3/08 |
| | F24F 3/16 | B60N 2/44 |
| | A61L 9/015 | B60R 7/06 |
| | (21) 2017712 | (21) 2017675 |
| | (22) 03.11.2016 | (22) 26.10.2016 |
| | | (54) Universeel montagesysteem voor accessoires en multifunctionele koppelinrichting daarvoor |
| | | (71) Mobile Waste Company B.V. |

| | | |
|---|--|---|
| (74) mr. ir. J.H. Klooster | (41) 18.05.2018 | F24F 11/00 |
| (72) Basten Leijh | (51) E04H 9/10 | G01N 21/3504 |
| (41) 18.05.2018 | E04B 2/92 | (21) 2017703 |
| (51) B63B 29/02 | E04C 2/292 | (22) 02.11.2016 |
| B63H 5/125 | (21) 2017704 | (54) VOLATILE ORGANIC COMPOUND |
| (21) 2017690 | (22) 02.11.2016 | SENSOR ARRANGEMENT |
| (22) 31.10.2016 | (54) Blast protection wall | (71) Green Grow Europe Holding B.V. |
| (54) Yacht | (71) InterDam Holding B.V. | (74) drs. J. Renkema |
| (71) Cor D Rover II B.V. | (74) ir. C.M. Jansen c.s. | (72) Tom Louis Koenderman |
| Dutch Falcon Yachts B.V. | (72) Dirk Hugo Groeneveld | Thomas Wilco Martin de Boer |
| Ginton Naval Architects B.V. | Paulus Cornelis Goudswaard | (41) 18.05.2018 |
| (74) ir. P.J. Hylarides c.s. | (41) 18.05.2018 | (51) G02B 27/22 |
| (72) Cornelis Daniel de Rover | (51) F24J 2/04 | A47F 11/06 |
| Jan van der Pas | A01G 9/24 | (21) 1042114 |
| Patrick Lankhuizen | F24J 2/34 | (22) 26.10.2016 |
| Jaron Ginton | F24J 2/42 | (54) Inrichting voor het combineren van beelden |
| (41) 18.05.2018 | F24J 2/52 | en samenstel van zo een inrichting en een |
| (51) B65D 85/50 | F28D 20/00 | dispenser |
| B65D 65/40 | (21) 2017689 | (71) Nine Senses S.L.U |
| A01G 5/06 | (22) 31.10.2016 | (72) Richardus Bernardus Ferdinand Franciscus |
| (21) 2017701 | (54) Roof energy system | de Feniks |
| (22) 02.11.2016 | (71) Koppert Cress IP B.V. | Frederik Mattias Frans Claassen |
| (54) Packaging and packaging method | (74) ir. M.F.J.M. Ketelaars c.s. | (41) 18.05.2018 |
| (71) ABF Technology DWC-LLC | (72) Bart Geraldus van Meurs | (51) G06F 9/44 |
| Overwater Holding B.V. | (41) 18.05.2018 | G06N 5/02 |
| (74) ir. M. van der Velden | (51) F26B 3/20 | G06F 17/30 |
| (72) Johannes Hendrikus Maria Overwater | F26B 17/00 | (21) 2017709 |
| (41) 18.05.2018 | F26B 17/14 | (22) 02.11.2016 |
| (51) C08L 7/02 | (21) 1042123 | (54) A method of and system for transforming |
| C08K 5/18 | (22) 01.11.2016 | legacy computer programs. |
| B29D 22/02 | (54) Apparatus and method for drying a | (71) Codeless Technology B.V. |
| F16L 55/124 | temperature-sensitive substance | (74) ir. J.M.G. Dohmen c.s. |
| F16L 55/134 | (71) Elanjo B.V. | (72) Ronald Worms |
| (21) 2017677 | (72) Gijsbert Docters van Leeuwen | Remko Dirkmaat |
| (22) 26.10.2016 | (41) 18.05.2018 | Arthur Clement |
| (54) Inflatable stopper | (51) G01M 3/04 | Wouter van de Ven |
| (71) J van Beugen Beheer B.V. | (21) 2017694 | (41) 18.05.2018 |
| (74) drs. W.H.P. Derks | (22) 01.11.2016 | |
| (72) Enver Coric | (54) STRESS OPTICAL CABLE HAVING | |
| Leonard van Beugen | WATER SEEPAGE MONITORING | |
| (41) 18.05.2018 | FUNCTION | |
| (51) E02D 5/36 | (71) NANJING WASIN FUJIKURA OPTICAL | |
| (21) 2017693 | COMMUNICATION | |
| (22) 01.11.2016 | (74) dr. J. van Straaten | |
| (54) Betonschroefpaalboor | (72) Xiaquan Wang | |
| (71) Nederfund Materieel Beheer B.V. | Yongsheng Tang | |
| (74) ir. A.R. Aalbers | Wei Qi | |
| (72) Jeroen Anton Bouten | Yang Yang | |
| Johannes Wilhelmus van den Heuvel | (41) 18.05.2018 | |
| (41) 18.05.2018 | (31) 201510758432.3 | |
| (51) E04B 1/86 | (32) 05.11.2015 | |
| E04B 9/00 | (33) China | |
| E04C 2/288 | (51) G01N 29/22 | |
| B32B 5/02 | B01L 3/00 | |
| E04C 2/16 | G01N 21/03 | |
| E04B 1/74 | G01N 21/64 | |
| E04B 1/84 | (21) 2017705 | |
| B32B 5/26 | (22) 02.11.2016 | |
| B32B 13/14 | (54) Method and system for studying biological | |
| (21) 2017678 | cells | |
| (22) 26.10.2016 | (71) LUMICKS Technologies B.V. | |
| (54) NOISE ABSORBING WALL OR CEILING | (74) ir. A.R. Aalbers | |
| ELEMENT AND METHOD OF FORMING | (72) Gerrit Sitters | |
| A NOISE-ABSORING WALL OR CEILING | Felix Oswald | |
| (71) KBB B.V. | Andrea Candelli | |
| (74) drs. W.H.P. Derks | (41) 18.05.2018 | |
| (72) Kevin Bond | (51) G01N 33/00 | |

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) A01J 5/017 | Marcus Marinus Gerardus Kroot | (11) 1042119 |
| (11) 2017686 | Roger Pierre Hubertus Maria Claessens | (47) 18.05.2018 |
| (47) 18.05.2018 | (74) ir. H.Th. van den Heuvel c.s. | (22) 28.10.2016 |
| (22) 28.10.2016 | (51) A24C 1/28 | (54) Spuitbus met een geïntegreerde, uit- en inschuifbare buigzame buis met sproeikop welke te bedienen is door een vaste drukknop. |
| (54) Melkrobot | A24C 1/30 | (73) Roel van Distel |
| (73) Lely Patent N.V. | (11) 2017685 | Gerardus Antonius Hoogendonk |
| (72) Dirk Kraaij | (47) 18.05.2018 | (72) Roel van Distel |
| Michiel Brevet | (22) 28.10.2016 | Gerardus Antonius Hoogendonk |
| (74) ir. M.J.F.M. Corten | (54) Apparatus for forming a cigar from a bunch and a wrapper | (72) Gerardus Antonius Hoogendonk |
| (51) A01K 5/00 | (73) VDL PMB-UVA B.V. | (51) B32B 27/08 |
| B01F 5/26 | (72) Robin Jacques Antoon Pals | B32B 27/28 |
| B01F 15/00 | (74) ir. J.M.G. Dohmen c.s. | B32B 27/34 |
| (11) 1042115 | (51) A61K 35/60 | B32B 27/36 |
| (47) 18.05.2018 | A23L 17/20 | B32B 3/26 |
| (22) 27.10.2016 | A61P 17/00 | B65D 77/20 |
| (54) Cilindrisch meng/doseer systeem door middel van zwaartekracht. | A61P 17/06 | B32B 27/12 |
| (73) Johannes Grimmius | (11) 2017714 | B32B 3/10 |
| (72) Johannes Grimmius | (47) 18.05.2018 | B32B 3/18 |
| (51) A01K 31/00 | (22) 03.11.2016 | B32B 5/14 |
| (11) 2017708 | (54) Medicament for skin diseases | (11) 2017687 |
| (47) 18.05.2018 | (73) Eczoil B.V. | (47) 18.05.2018 |
| (22) 02.11.2016 | (72) Alida Catharina Maria Karregat-de Boer | (22) 30.10.2016 |
| (54) Poultry container door panel, poultry container door frame, poultry container and assembly of a poultry container and a poultry container front panel | Cornelis Laurentius Gerardus Karregat | (54) CONTAINER COVERED WITH A FILM |
| (73) MAREL STORK POULTRY PROCESSING B.V. | (74) mr. ir. J. van Breda c.s. | (73) PackConnect B.V. |
| (72) Johannes Henricus Maria van Mil | (51) A63B 22/14 | (72) Charles Jacques Madeleine van Reij |
| Roger Pierre Hubertus Maria Claessens | (11) 1042121 | (74) dr. J. van Straaten |
| (74) ir. H.Th. van den Heuvel c.s. | (47) 18.05.2018 | (31) NL2016176 |
| (51) A01K 31/00 | (22) 28.10.2016 | (32) 28.01.2016 |
| (11) 2017707 | (54) Inrichting omvattende een roteerbare plaat voor hardlopen daarop, tevens combinatie van zo een inrichting en een ondergrond. | (33) Netherlands |
| (47) 18.05.2018 | (73) Delyvin B.V. | (51) B44C 5/04 |
| (22) 02.11.2016 | (72) Gerhardus Henricus Maria Albers | E04F 13/07 |
| (54) Poultry container side panel, poultry container and assembly of a poultry container and at least one such side panel | (51) B01D 29/09 | (11) 2017681 |
| (73) MAREL STORK POULTRY PROCESSING B.V. | B01D 33/04 | (47) 18.05.2018 |
| (72) Hendrikus Antonius Theresia Petrus Hetterscheid | B01D 33/056 | (22) 27.10.2016 |
| Marcus Marinus Gerardus Kroot | (11) 2017697 | (54) Decorative panel |
| Roger Pierre Hubertus Maria Claessens | (47) 18.05.2018 | (73) Texture Painting bvba |
| (74) ir. H.Th. van den Heuvel c.s. | (22) 01.11.2016 | (72) Ronny Wuyts |
| (51) A01K 31/00 | (54) System for filtering a liquid, method for operating such a system and roll replacement method | (74) ir. H.V. Mertens c.s. |
| A01K 31/02 | (73) R & R Holding B.V. | (51) B60R 7/04 |
| A01K 31/07 | (72) Roger Johannes Alexander Wensink | B60N 3/08 |
| A01K 45/00 | (74) ir. M. van der Velden | B60N 2/44 |
| (11) 2017706 | (51) B03C 3/017 | B60R 7/06 |
| (47) 18.05.2018 | F24C 15/20 | (11) 2017675 |
| (22) 02.11.2016 | F24F 3/16 | (47) 18.05.2018 |
| (54) Poultry container cover, poultry container, and poultry container assembly for holding live poultry | A61L 9/015 | (22) 26.10.2016 |
| (73) MAREL STORK POULTRY PROCESSING B.V. | (11) 2017712 | (54) Universeel montagesysteem voor accessoires en multifunctionele koppelinrichting daarvoor |
| (72) Jeroen Vergeldt | (47) 18.05.2018 | (73) Mobile Waste Company B.V. |
| | (22) 03.11.2016 | (72) Basten Leijh |
| | (54) Apparaat voor het behandelen van een luchtstroom. | (74) mr. ir. J.H. Klooster |
| | (73) M.R. van Groeningen B.V. | (51) B63B 29/02 |
| | (72) Menno Rudolf van Groeningen | B63H 5/125 |
| | (74) ir. J.M.G. Dohmen c.s. | (11) 2017690 |
| | (51) B05B 11/00 | (47) 18.05.2018 |
| | B65D 83/28 | (22) 31.10.2016 |
| | | (54) Yacht |
| | | (73) Cor D Rover II B.V. |

| | | |
|---|--|---|
| Dutch Falcon Yachts B.V. | Paulus Cornelis Goudswaard | (74) drs. J. Renkema |
| Ginton Naval Architects B.V. | (74) ir. C.M. Jansen c.s. | (51) G02B 27/22 |
| (72) Cornelis Daniel de Rover | (51) F24J 2/04 | A47F 11/06 |
| Jan van der Pas | A01G 9/24 | (11) 1042114 |
| Patrick Lankhuizen | F24J 2/34 | (47) 18.05.2018 |
| Jaron Ginton | F24J 2/42 | (22) 26.10.2016 |
| (74) ir. P.J. Hylarides c.s. | F24J 2/52 | (54) Inrichting voor het combineren van beelden en samenstel van zo een inrichting en een dispenser |
| (51) B65D 85/50 | F28D 20/00 | (73) Nine Senses S.L.U |
| B65D 65/40 | (11) 2017689 | (72) Richardus Bernardus Ferdinand Franciscus de Feniks |
| A01G 5/06 | (47) 18.05.2018 | Frederik Mattias Frans Claassen |
| (11) 2017701 | (22) 31.10.2016 | (51) G06F 9/44 |
| (47) 18.05.2018 | (54) Roof energy system | G06N 5/02 |
| (22) 02.11.2016 | (73) Koppert Cress IP B.V. | G06F 17/30 |
| (54) Packaging and packaging method | (72) Bart Geraldus van Meurs | (11) 2017709 |
| (73) ABF Technology DWC-LLC | (74) ir. M.F.J.M. Ketelaars c.s. | (47) 18.05.2018 |
| Overwater Holding B.V. | (51) F26B 3/20 | (22) 02.11.2016 |
| (72) Johannes Hendrikus Maria Overwater | F26B 17/00 | (54) A method of and system for transforming legacy computer programs. |
| (74) ir. M. van der Velden | F26B 17/14 | (73) Codeless Technology B.V. |
| (51) C08L 7/02 | (11) 1042123 | (72) Ronald Worms |
| C08K 5/18 | (47) 18.05.2018 | Remko Dirkmaat |
| B29D 22/02 | (22) 01.11.2016 | Arthur Clement |
| F16L 55/124 | (54) Apparatus and method for drying a temperature-sensitive substance | Wouter van de Ven |
| F16L 55/134 | (73) Elanjo B.V. | (74) ir. J.M.G. Dohmen c.s. |
| (11) 2017677 | (72) Gijsbert Docters van Leeuwen | |
| (47) 18.05.2018 | (51) G01M 3/04 | |
| (22) 26.10.2016 | (11) 2017694 | |
| (54) Inflatable stopper | (47) 18.05.2018 | |
| (73) J van Beugen Beheer B.V. | (22) 01.11.2016 | |
| (72) Enver Coric | (54) STRESS OPTICAL CABLE HAVING WATER SEEPAGE MONITORING FUNCTION | |
| Leonard van Beugen | (73) NANJING WASIN FUJIKURA OPTICAL COMMUNICATION | |
| (74) drs. W.H.P. Derks | (72) Xiaquan Wang | |
| (51) E02D 5/36 | Yongsheng Tang | |
| (11) 2017693 | Wei Qi | |
| (47) 18.05.2018 | Yang Yang | |
| (22) 01.11.2016 | (74) dr. J. van Straaten | |
| (54) Betonschroefpaalboor | (31) 201510758432.3 | |
| (73) Nederfund Materieel Beheer B.V. | (32) 05.11.2015 | |
| (72) Jeroen Anton Bouten | (33) China | |
| Johannes Wilhelmus van den Heuvel | (51) G01N 29/22 | |
| (74) ir. A.R. Aalbers | B01L 3/00 | |
| (51) E04B 1/86 | G01N 21/03 | |
| E04B 9/00 | G01N 21/64 | |
| E04C 2/288 | (11) 2017705 | |
| B32B 5/02 | (47) 18.05.2018 | |
| E04C 2/16 | (22) 02.11.2016 | |
| E04B 1/74 | (54) Method and system for studying biological cells | |
| E04B 1/84 | (73) LUMICKS Technologies B.V. | |
| B32B 5/26 | (72) Gerrit Sitters | |
| B32B 13/14 | Felix Oswald | |
| (11) 2017678 | Andrea Candelli | |
| (47) 18.05.2018 | (74) ir. A.R. Aalbers | |
| (22) 26.10.2016 | (51) G01N 33/00 | |
| (54) NOISE ABSORBING WALL OR CEILING ELEMENT AND METHOD OF FORMING A NOISE-ABSORING WALL OR CEILING | F24F 11/00 | |
| (73) KBB B.V. | G01N 21/3504 | |
| (72) Kevin Bond | (11) 2017703 | |
| (74) drs. W.H.P. Derks | (47) 18.05.2018 | |
| (51) E04H 9/10 | (22) 02.11.2016 | |
| E04B 2/92 | (54) VOLATILE ORGANIC COMPOUND SENSOR ARRANGEMENT | |
| E04C 2/292 | (73) Green Grow Europe Holding B.V. | |
| (11) 2017704 | (72) Tom Louis Koenderman | |
| (47) 18.05.2018 | Thomas Wilco Martin de Boer | |
| (22) 02.11.2016 | | |
| (54) Blast protection wall | | |
| (73) InterDam Holding B.V. | | |
| (72) Dirk Hugo Groeneveld | | |

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) A01C 5/06 | SAUNDERS, Chris | (33) United States of America |
| (11) EP3150039 | (31) 2013900553 | (51) A01F 15/08 |
| (21) EP16401065.4 | (32) 19.02.2013 | (11) EP3071014 |
| (47) 23.05.2018 | (33) Australia | (21) EP14802408.6 |
| (22) 13.09.2016 | (51) A01D 75/18 | (47) 23.05.2018 |
| (54) SEED DRILL COULTER | A01D 34/416 | (87) EP2014075136 |
| (73) Amazonen-Werke H. Dreyer GmbH & Co. KG | A01D 34/78 | 28.05.2015 |
| (72) Wilken, Martin | A01D 34/90 | (22) 20.11.2014 |
| Tanke, Christian | A01D 101/00 | (54) BALE MEASUREMENT SYSTEM AND METHOD |
| (31) 102015116638 | (11) EP3014975 | (73) CNH Industrial Belgium nv |
| (32) 01.10.2015 | (21) EP15182737.5 | (72) COEN, Tom |
| (33) Germany | (47) 23.05.2018 | VERHAEGHE, Didier |
| (51) A01D 34/68 | (22) 27.08.2015 | (31) 201300787 |
| (11) EP2875709 | (54) GARDEN DEVICE AND METHOD FOR ITS OPERATION | (32) 22.11.2013 |
| (21) EP14185483.6 | (73) ROBERT BOSCH GMBH | (33) Belgium |
| (47) 23.05.2018 | (72) Zipf, Philipp | (51) A01F 15/08 |
| (22) 19.09.2014 | Koepf, Christian | (11) EP3228182 |
| (54) OPERATING DEVICE OF A GARDENING MACHINE | (31) 102014222328 | (21) EP17165634.1 |
| (73) ROBERT BOSCH GMBH | 102014226742 | (47) 23.05.2018 |
| (72) Koepf, Christian | (32) 31.10.2014 | (22) 07.04.2017 |
| Quigley, Andrew | 22.12.2014 | (54) AUXILIARY POWER SYSTEM FOR AN AGRICULTURAL BALER WITH FEEDFORWARD CONTROL |
| Ling, Matthew | (33) Germany | (73) CNH Industrial Belgium nv |
| (31) 102013223800 | Germany | (72) Morselli, Riccardo |
| (32) 21.11.2013 | (51) A01D 78/14 | (31) 201605244 |
| (33) Germany | (11) EP3100606 | (32) 08.04.2016 |
| (51) A01D 34/84 | (21) EP16173202.9 | (33) Belgium |
| B60L 11/12 | (47) 23.05.2018 | (51) A01G 3/08 |
| B60K 6/28 | (22) 06.06.2016 | B27B 17/00 |
| A01D 101/00 | (54) STAR-WHEEL RAKE | B27B 17/08 |
| A01D 34/37 | (73) Repposi Macchine Agricole S.r.l. | (11) EP2926647 |
| A01D 34/58 | (72) REPOSSI, Gabriele | (21) EP13861043.1 |
| (11) EP2595466 | (31) UB20150978 | (47) 23.05.2018 |
| (21) EP11810218.5 | (32) 05.06.2015 | (87) CN2013001377 |
| (47) 23.05.2018 | (33) Italy | 12.06.2014 |
| (87) US2011044336 | (51) A01F 15/07 | (22) 13.11.2013 |
| 26.01.2012 | (11) EP2863730 | (54) BRUSHLESS CHAINSAW |
| (22) 18.07.2011 | (21) EP13731146.0 | (73) Changzhou Globe Co., Ltd. |
| (54) MOWER | (47) 23.05.2018 | (72) JIANG, Tengyun |
| (73) Black & Decker, Inc. | (87) EP2013063269 | CHEN, Yin |
| (72) BAETICA, Florin | 03.01.2014 | TIAN, Jianbo |
| ROSA, Richard P. | (22) 25.06.2013 | CHEN, Hairong |
| MOONEY, P. Wade | (54) A COMBINED BALER AND BALE WRAPPING APPARATUS AND A BALE WRAPPING APPARATUS | LI, Biao |
| (31) 838898 | (73) Kverneland Group Ravenna S.r.l. | (31) 201210506084 |
| (32) 19.07.2010 | (72) VARLEY, Seamus | (32) 03.12.2012 |
| (33) United States of America | (31) 20120292 | (33) China |
| (51) A01D 41/12 | (32) 26.06.2012 | (51) A01G 9/02 |
| A01F 12/40 | (33) Ireland | (11) EP3188589 |
| (11) EP2958676 | (51) A01F 15/07 | (21) EP15766623.1 |
| (21) EP14753646.0 | (11) EP3132672 | (47) 23.05.2018 |
| (47) 23.05.2018 | (21) EP16181918.0 | (87) IB2015056007 |
| (87) AU2014000140 | (47) 23.05.2018 | 10.03.2016 |
| 28.08.2014 | (22) 29.07.2016 | (22) 07.08.2015 |
| (22) 19.02.2014 | (54) NET WRAP SYSTEM | (54) MODULAR CONTAINER FOR PLANTS |
| (54) WEED SEED DEVITALIZATION ARRANGEMENT | (73) Deere & Company | (73) Bama S.p.A. |
| (73) Grains Research And Development Corporation | (72) Eubanks, Jason C. | (72) BAIOCCHI, Renzo |
| University Of South Australia | Shook, Gerald | (31) FI20140201 |
| (72) BERRY, Nicholas Kane | (31) 201514827570 | (32) 04.09.2014 |
| | (32) 17.08.2015 | (33) Italy |

| | | |
|---|---|---|
| (51) A01G 9/22 B32B 27/20 A01G 9/14 B32B 27/36 D03D 15/00 D04B 21/16 | (22) 14.03.2014 | FENNO, Lief |
| (11) EP2531020 | (54) TREATING AGENT FOR PLANT CELL WALLS, SUBSTANCE DELIVERY METHOD USING TREATING AGENT, AND SUBSTANCE DELIVERY SYSTEM | (31) 410711 P 410704 P 201161511905 P |
| (21) EP11740115.8 | (73) Suntory Holdings Limited | (32) 05.11.2010 05.11.2010 |
| (47) 23.05.2018 | (72) MATSUI, Keisuke | 26.07.2011 |
| (87) SE2011050124 11.08.2011 | (31) 2013053286 | (33) United States of America United States of America United States of America |
| (22) 04.02.2011 | (32) 15.03.2013 | |
| (54) GREENHOUSE SCREEN | (33) Japan | |
| (73) Aktiebolaget Ludvig Svensson | (51) A01H 5/00 C07K 7/04 C07K 14/00 C07K 14/415 | (51) A01K 67/027 C12N 15/09 C12N 9/64 C12N 15/85 |
| (72) Andersson, Hans Holgerson, Per | (11) EP2813142 | (11) EP3081081 |
| (31) 301685 P 1050113 | (21) EP13746062.2 | (21) EP14869059.7 |
| (32) 05.02.2010 05.02.2010 | (47) 23.05.2018 | (47) 23.05.2018 |
| (33) United States of America Sweden | (87) JP2013053043 15.08.2013 | (87) JP2014082691 18.06.2015 |
| (51) A01G 9/24 A01G 9/08 A01G 27/02 | (22) 08.02.2013 | (22) 10.12.2014 |
| (11) EP2696670 | (54) METHOD FOR INTRODUCING FLORIGEN | (54) TRANSGENIC NON-HUMAN MAMMAL EXPRESSING HUMAN MMP2 |
| (21) EP12715283.3 | (73) National University Corporation Nara Institute of Science and Technology | (73) Mie University |
| (47) 23.05.2018 | (72) TSUJI, Hiroyuki SHIMAMOTO, Ko TAOKA, Ken-ichiro WASHIDA, Haruhiko | (72) ESTEBAN C. Gabazza TAGUCHI, Osamu KOBAYASHI, Tetsu |
| (87) US2012033054 01.11.2012 | (31) 2012024958 | (31) 2013256900 |
| (22) 11.04.2012 | (32) 08.02.2012 | (32) 12.12.2013 |
| (54) AUTOMATED GRAVIMETRIC SCREENING PLATFORM SYSTEM AND METHOD | (33) Japan | (33) Japan |
| (73) Dow AgroSciences LLC | (51) A01J 11/10 A01J 25/11 A23C 9/15 A23C 21/00 B04B 5/10 B04B 11/02 | (51) A01M 7/00 (11) EP3114930 (21) EP16176036.8 (47) 23.05.2018 (22) 23.06.2016 (54) SPRAYING SYSTEM (73) Deere & Company (72) Engelbrecht, Joshua J Van Gils, Martijn |
| (72) GOLGOTIU, Kirsti A. HERVE, Philippe KELLER, Douglas SWARTWOOD, Troy M. DONALDSON, Jeffrey D. | (11) EP2161984 | (31) 102015212615 |
| (31) 201161476055 P | (21) EP08724155.0 | (32) 06.07.2015 |
| (32) 15.04.2011 | (47) 23.05.2018 | (33) Germany |
| (33) United States of America | (87) SE2008000236 24.12.2008 | (51) A01N 1/02 (11) EP2543249 (21) EP12187402.8 (47) 23.05.2018 (22) 19.02.2008 (54) Compositions and method for tissue preservation (73) President and Fellows of Harvard College The United States Government as Represented by the Department of Veterans Affairs |
| (51) A01H 1/00 A01H 1/02 | (22) 01.04.2008 | |
| (11) EP2339911 | (54) A METHOD OF IMPROVING THE EFFICIENCY OF FAT SEPARATION IN THE SEPARATION OF A LIQUID FOOD PRODUCT | |
| (21) EP09810578.6 | (73) Tetra Laval Holdings & Finance S.A. | |
| (47) 23.05.2018 | (72) MÅNSSON, Rolf | |
| (87) US2009055191 04.03.2010 | (31) 0701517 | |
| (22) 27.08.2009 | (32) 21.06.2007 | |
| (54) METHODS FOR PLANT SEED PRODUCTION | (33) Sweden | |
| (73) Seminis Vegetable Seeds, Inc. | (51) A01K 67/027 C07K 14/405 G01N 33/50 | (72) Thatte, Hemant Treanor, Patrick Khuri, Shukri Rousou, Laki |
| (72) JUAREZ, Benito WALKER, Terry MCCUISTION, Fred TOLLA, Greg | (11) EP2635111 | (31) 901844 P 902587 P 966511 P |
| (31) 93131 P | (21) EP11838898.2 | (32) 17.02.2007 20.02.2007 27.08.2007 |
| (32) 29.08.2008 | (47) 23.05.2018 | |
| (33) United States of America | (87) US2011059390 10.05.2012 | |
| (51) A01H 3/04 C07K 7/06 | (22) 04.11.2011 | |
| (11) EP2974595 | (54) STABILIZED STEP FUNCTION OPSIN PROTEINS AND METHODS OF USING THE SAME | (33) United States of America United States of America United States of America |
| (21) EP14764848.9 | (73) The Board of Trustees of the Leland Stanford Junior University | |
| (47) 23.05.2018 | (72) DEISSEROTH, Karl YIZHAR, Ofer | (51) A01N 3/02 A01N 59/00 C02F 1/467 |
| (87) JP2014057937 18.09.2014 | | |

| | | |
|-----------------------------------|--|---------------------------------|
| (11) EP2458980 | (87) JP2015060971 | A61Q 11/00 |
| (21) EP10739444.7 | 29.10.2015 | (11) EP2790528 |
| (47) 23.05.2018 | (22) 08.04.2015 | (21) EP12756894.7 |
| (87) US2010043495 | (54) DEVICE AND METHOD FOR DEBONING | (47) 23.05.2018 |
| 10.02.2011 | MEAT WITH BONE | (87) US2012053038 |
| (22) 28.07.2010 | (73) Mayekawa Mfg. Co., Ltd. | 20.06.2013 |
| (54) FLORAL PRESERVATIVE | (72) KIDO, Koji | (22) 30.08.2012 |
| (73) Chemstar Corporation | (31) 2014089641 | (54) LACTIC ACID FOR USE IN |
| (72) PANICHEVA, Svetlana | (32) 23.04.2014 | PREVENTING DENTAL CONDITIONS |
| SAMPSON, Mark, N. | (33) Japan | (73) Hill's Pet Nutrition, Inc. |
| (31) 229163 P | (51) A23G 3/34 | (72) SCHERL, Dale Scott |
| (32) 28.07.2009 | A23G 1/54 | JEWELL, Dennis |
| (33) United States of America | A23G 1/56 | TOLL, Philip W. |
| (51) A01N 25/08 | (11) EP2717710 | HAHN, Kevin A. |
| A61Q 5/02 | (21) EP12794346.2 | (31) 201161570121 P |
| A61Q 19/10 | (47) 23.05.2018 | (32) 13.12.2011 |
| A61K 8/19 | (87) EP2012074211 | (33) United States of America |
| A01P 1/00 | 06.06.2013 | (51) A23K 50/75 |
| (11) EP3177142 | (22) 03.12.2012 | A23K 50/30 |
| (21) EP15738634.3 | (54) A FIBER ENRICHED FILLING | A23K 10/10 |
| (47) 23.05.2018 | COMPOSITION FOR A CHOCOLATE | A01N 45/00 |
| (87) EP2015066298 | PRODUCT | A23K 20/168 |
| 11.02.2016 | (73) Cavalier NV | A23K 50/10 |
| (22) 16.07.2015 | (72) VERDEGEM, Felix | A23K 30/10 |
| (54) A PROCESS FOR PREPARING AN | (31) 11009575 | A23K 50/20 |
| ANTIMICROBIAL PARTICULATE | 12150072 | A23K 30/15 |
| COMPOSITION | (32) 03.12.2011 | A23K 20/184 |
| (73) Unilever NV | 03.01.2012 | (11) EP2950663 |
| (72) DAS, Somnath | (33) European Patent Office (EPO) | (21) EP14746441.6 |
| GUPTA, Satyaranjan | European Patent Office (EPO) | (47) 23.05.2018 |
| MITRA, Rupak | (51) A23K 20/147 | (87) US2014013762 |
| MURALIDHARAN, Girish | A23L 33/165 | 07.08.2014 |
| PRAMANIK, Amitava | A23L 33/19 | (22) 30.01.2014 |
| (31) 14180010 | A23C 21/10 | (54) METHODS TO INCREASE SILAGE |
| (32) 06.08.2014 | A23C 9/152 | QUALITY IN CROPS |
| (33) European Patent Office (EPO) | A23K 20/20 | (73) Valent BioSciences LLC |
| (51) A21D 2/16 | (11) EP1869985 | (72) KAISER, Roger |
| A23D 9/007 | (21) EP05728721.1 | SILVERMAN, Paul |
| A23D 9/05 | (47) 23.05.2018 | WARGO, Jim |
| A23L 27/60 | (87) JP2005006899 | (31) 201361759018 P |
| A23L 33/115 | 02.11.2006 | (32) 31.01.2013 |
| A23L 9/20 | (22) 08.04.2005 | (33) United States of America |
| C11B 15/00 | (54) USE OF A MILK PROTEIN IN A | (51) A23L 2/02 |
| A23D 7/00 | COMPOSITION COMPRISING IRON | A23L 2/52 |
| A23D 7/02 | AND VITAMIN C TO AVOID AN | (11) EP3054786 |
| A23D 9/02 | ASTRINGENT TASTE OF IRON OR | (21) EP14771189.9 |
| (11) EP3206503 | THE FORMATION OF PRECIPITATES, | (47) 23.05.2018 |
| (21) EP15766483.0 | WHEREIN THE MILK PROTEIN IS SKIM | (87) DE2014200387 |
| (47) 23.05.2018 | MILK OR WHEY PROTEIN ISOLATE | 09.04.2015 |
| (87) EP2015071483 | (73) Megmilk Snow Brand Co., Ltd. | (22) 07.08.2014 |
| 21.04.2016 | (72) Ueda, Noriko c/o Snow Brand Milk Products | (54) JERUSALEM ARTICHOKE DRINK |
| (22) 18.09.2015 | Co., Ltd | (73) BRIU GmbH |
| (54) PROCESS FOR PREPARING A FAT | Kato, Ken c/o Snow Brand Milk Products | (72) ROSE, Uwe-Bernd |
| SLURRY AND FOR PREPARING A | Co., Ltd. | (31) 102013220111 |
| SPREAD WITH SAID SLURRY | Tanaka, Miyako Snow Brand Milk Products | (32) 04.10.2013 |
| (73) Unilever BCS Europe B.V. | Co., Ltd. | (33) Germany |
| (72) GREBENKÄMPER, Kai | Takehi, Yuji c/o Snow Brand Milk Products | (51) A23L 2/52 |
| KROON, Cornelis, Johannes | Co., Ltd | A23L 2/02 |
| LEENHOUTS, Abraham | Sato, Kaoru c/o Snow Brand Milk Products | A23L 33/10 |
| THE, Rogier, Antoine, Floris | Co., Ltd. | A23L 33/15 |
| (31) 14188659 | Yoshioka, T. c/o Snow Brand Milk Products | (11) EP2745712 |
| (32) 13.10.2014 | Co.,Ltd. | (21) EP13181725.6 |
| (33) European Patent Office (EPO) | (51) A23K 20/174 | (47) 23.05.2018 |
| (51) A22C 21/00 | A23K 20/105 | (22) 26.03.2009 |
| A22C 17/00 | A23K 50/40 | (54) Health promoting drink |
| (11) EP3120706 | A61K 8/365 | (73) Smartfish AS |
| (21) EP15782746.0 | A61K 8/02 | (72) Mathisen, Janne Sande |
| (47) 23.05.2018 | A61K 6/00 | Mathisen, Henrik |

| | | |
|--|---|---|
| (31) 20081487 | EVANS PENNIMPEDE, Jenny, Ellen | (33) United States of America |
| (32) 27.03.2008 | (31) 962514 P | (51) A23L 33/21 |
| (33) Norway | (32) 30.07.2007 | A23K 10/18 |
| (51) A23L 2/60 | (33) United States of America | A23K 20/163 |
| A23L 29/30 | (51) A23L 27/20 | A23L 33/135 |
| (11) EP2772141 | (11) EP3054791 | A61K 35/745 |
| (21) EP13717408.2 | (21) EP14777033.3 | A61P 25/22 |
| (47) 23.05.2018 | (47) 23.05.2018 | A61P 25/24 |
| (87) JP2013054485 | (87) EP2014070247 | A61P 25/28 |
| 03.07.2014 | 02.04.2015 | A61P 25/30 |
| (22) 22.02.2013 | (22) 23.09.2014 | C12N 1/20 |
| (54) LIQUID SWEETENER COMPOSITION | (54) PROCESS FOR PREPARING A FLAVOUR | (11) EP3072398 |
| (73) Japan Corn Starch Co., Ltd. | COMPOSITION | (21) EP16165862.0 |
| (72) HASHIMOTO, Kazuki | (73) Nestec S.A. | (47) 23.05.2018 |
| (31) 2012283377 | (72) KRAEHENBUEHL, Karin | (22) 08.04.2009 |
| (32) 26.12.2012 | DAVIDEK, Thomas | (54) BIFIDOBACTERIUM LONGUM AND |
| (33) Japan | VITON, Florian | HIPPOCAMPAL BDNF EXPRESSION |
| (51) A23L 5/20 | OERTLING, Heiko | (73) Nestec S.A. |
| A23L 11/30 | BELRHLID, Rachid | (72) BERGONZELLI DEGONDA, Gabriela |
| A23L 25/00 | (31) 13185655 | ORNSTEIN, Kurt |
| (11) EP2170106 | (32) 24.09.2013 | CHERBUT, Christine |
| (21) EP08756724.4 | (33) European Patent Office (EPO) | (31) 08154550 |
| (47) 23.05.2018 | (51) A23L 33/10 | (32) 15.04.2008 |
| (87) US2008065881 | A61K 35/00 | (33) European Patent Office (EPO) |
| 18.12.2008 | A23L 17/20 | (51) A24B 1/00 |
| (22) 05.06.2008 | (11) EP2698069 | A24B 15/20 |
| (54) PROCESS FOR PREPARING | (21) EP11863575.4 | (11) EP2836087 |
| HYPOALLERGENIC AND NON- | (47) 23.05.2018 | (21) EP13718703.5 |
| ALLERGENIC PEANUTS (ARACHIS | (87) JP2011005213 | (47) 23.05.2018 |
| HYPOGAEA) UTILIZING AN | 18.10.2012 | (87) US2013035967 |
| ENDOPEPTIDASE | (22) 15.09.2011 | 17.10.2013 |
| (73) North Carolina A & T State University | (54) METHOD FOR PRODUCING OYSTER | (22) 10.04.2013 |
| (72) AHMEDNA, Mohamed | MEAT ESSENCE CONTAINING LARGE | (54) METHOD FOR TREATING PLANTS |
| YU, Jianmei | AMOUNT OF ANTIOXIDANTS HAVING | WITH PROBIOTICS |
| GOKTEPE, Ipek | HIGH ANTIOXIDATIVE POWER AND | (73) R. J. Reynolds Tobacco Company |
| (31) 758823 | HIGH ORAC VALUE | (72) MARSHALL, Jerry, Wayne |
| (32) 06.06.2007 | (73) Watanabe Oyster Laboratory Co., Ltd. | MOLDOVEANU, Serban C. |
| (33) United States of America | (72) WATANABE, Mitsugu | DAVIS, Michael F. |
| (51) A23L 7/113 | WATANABE, Takayuki | (31) 201213444272 |
| (11) EP2687104 | WATANABE, Hideaki | (32) 11.04.2012 |
| (21) EP12757641.1 | (31) 2011087251 | (33) United States of America |
| (47) 23.05.2018 | 2011193754 | (51) A24C 5/36 |
| (87) JP2012056619 | (32) 11.04.2011 | (11) EP3154380 |
| 20.09.2012 | 06.09.2011 | (21) EP15742066.2 |
| (22) 15.03.2012 | (33) Japan | (47) 23.05.2018 |
| (54) DRIED PASTA MANUFACTURING | Japan | (87) IB2015054381 |
| METHOD | (51) A23L 33/125 | 17.12.2015 |
| (73) Nisshin Foods Inc. | A23L 29/212 | (22) 10.06.2015 |
| (72) HIGUCHI, Masahiro | A23L 7/122 | (54) METHOD AND APPARATUS FOR |
| (31) 2011056361 | (11) EP2587928 | REMOVING TOBACCO FROM |
| (32) 15.03.2011 | (21) EP11801392.9 | CIGARETTES |
| (33) Japan | (47) 23.05.2018 | (73) International Tobacco Machinery Poland Sp. |
| (51) A23L 27/00 | (87) US2011042536 | z o.o. |
| A23L 27/30 | 05.01.2012 | (72) CHOJNACKI, Wojciech |
| (11) EP2185007 | (22) 30.06.2011 | (31) 40851314 |
| (21) EP08772903.4 | (54) REDUCED SUCROSE SUGAR COATINGS | (32) 12.06.2014 |
| (47) 23.05.2018 | FOR CEREALS AND METHODS OF | (33) Poland |
| (87) CH2008000332 | PREPARATION | (51) A24C 5/47 |
| 05.02.2009 | (73) General Mills, Inc. | A24D 3/02 |
| (22) 28.07.2008 | (72) BARRETT, Christopher J. | A24D 3/04 |
| (54) MONO- OR BICYCLIC CARBOXYLIC | DREESE, Patrick C. | A24D 1/02 |
| ACIDS AS OFF-NOTE BLOCKERS | GREEN, Daniel R. | A24D 3/06 |
| (73) Givaudan SA | NOWAKOWSKI, Christine M. | (11) EP2879528 |
| (72) UNGUREANU, Ioana, Maria | PANDA, Fern A. | (21) EP13750516.0 |
| BRUNE, Nicole, Erna, Irene | WHITMAN, Scott K. | (47) 23.05.2018 |
| SLACK, Jay, Patrick | HUANG, Victor T. | (87) EP2013065330 |
| GRAY, Kimberley | (31) 360555 P | 13.02.2014 |
| SIMONS, Christopher, Todd | (32) 01.07.2010 | (22) 19.07.2013 |

| | | |
|--|--|---|
| (54) METHOD OF FORMING SMOKING ARTICLES WITH MOUTH END CAVITIES | (47) 23.05.2018 (87) IB2014066170 28.05.2015 | (72) TSURUIZUMI, Ryutaro SASAKI, Hiroshi HAMAMOTO, Naoaki WATANABE, Tomoichi |
| (73) Philip Morris Products S.A. | (22) 19.11.2014 | |
| (72) KADIRIC, Alen | (54) FILTER ELEMENT AND SMOKING ARTICLE COMPRISING THE FILTER ELEMENT | (51) A41C 3/00 D04B 1/24 D01B 1/24 A41D 19/015 |
| (31) 12179441 | (73) G.D S.p.A. | (11) EP2919601 |
| (32) 06.08.2012 | (72) EUSEPI, Ivan | (21) EP13803135.6 |
| (33) European Patent Office (EPO) | VISCANTI, Nicola GAMBERINI, Giuliano SARTONI, Massimo | (47) 23.05.2018 (87) FR2013052722 22.05.2014 |
| (51) A24C 5/60 | (31) BO20130640 | (22) 13.11.2013 |
| A24D 3/04 | (32) 25.11.2013 | (54) KNITTED BRA HAVING VARIABLE ELASTICITY |
| A24C 5/32 | (33) Italy | (73) Hanes Operations Europe SAS |
| (11) EP2911538 | (51) A24F 47/00 | (72) TURLAN, Manon |
| (21) EP13821957.1 | (11) EP3062646 | (31) 1260761 |
| (47) 23.05.2018 | (21) EP14799610.2 | 1260949 |
| (87) IB2013059542 | (47) 23.05.2018 | (32) 13.11.2012 |
| 01.05.2014 | (87) US2014062835 | 19.11.2012 |
| (22) 22.10.2013 | 07.05.2015 | (33) France |
| (54) MACHINE FOR MAKING ADJUSTABLY VENTILATED CIGARETTES | (22) 29.10.2014 | France |
| (73) G.D S.p.A. | (54) AEROSOL DELIVERY DEVICE INCLUDING A PRESSURE-BASED AEROSOL DELIVERY MECHANISM | (51) A41D 13/11 |
| (72) GAMBERINI, Giuliano | (73) RAI Strategic Holdings, Inc. | (11) EP3153044 |
| BENNI, Gabriele | (72) BRAMMER, David Allan | (21) EP15306593.3 |
| SARTONI, Massimo | JACKSON, David | (47) 23.05.2018 |
| (31) BO20120585 | FLYNN, Nigel John | (22) 08.10.2015 |
| (32) 26.10.2012 | HUNT, Eric T. | (54) HOOD FOR CLEANROOM GOWN AND CLEAN ROOM GOWN |
| (33) Italy | SEARS, Stephen Benson | (73) Initial Textil Service GmbH & Co. KG |
| (51) A24D 1/00 | POTTER, Dennis Lee | (72) CONGE, Jean-Philippe |
| A24D 1/02 | (31) 201361897917 P | BANCHEREAU, Maëva |
| (11) EP3021696 | 201414289101 | MENZA, Johanna |
| (21) EP14759316.4 | (32) 31.10.2013 | JEAN-STRUSS, Christine |
| (47) 23.05.2018 | 28.05.2014 | (51) A41D 13/11 |
| (87) IB2014063130 | (33) United States of America | A41D 13/02 |
| 22.01.2015 | United States of America | A62B 7/10 |
| (22) 15.07.2014 | (51) A24F 47/00 | A62B 17/04 |
| (54) SMOKING ARTICLE HAVING A PARTICLE CONTAINING WRAPPER | (11) EP3158881 | A62B 18/02 |
| (73) Philip Morris Products S.A. | (21) EP15191093.2 | A62B 18/10 |
| (72) GUYARD, Aurelien | (47) 23.05.2018 | (11) EP3153043 |
| LI, Ping | (22) 22.10.2015 | (21) EP15306592.5 |
| (31) 201361856091 P | (54) ELECTRONIC CIGARETTES HAVING SQUEEZABLE E-LIQUID TANK | (47) 23.05.2018 |
| 13177177 | (73) Zhu, Xiaochun | (22) 08.10.2015 |
| (32) 19.07.2013 | (72) Zhu, Xiaochun | (54) HOOD FOR CLEANROOM GOWN AND CLEAN ROOM GOWN |
| 19.07.2013 | (51) A24F 47/00 | (73) Initial Textil Service GmbH & Co. KG |
| (33) United States of America | (11) EP3130238 | (72) CONGE, Jean-Philippe |
| European Patent Office (EPO) | (21) EP16150352.9 | BANCHEREAU, Maëva |
| (51) A24D 3/02 | (47) 23.05.2018 | MENZA, Johanna |
| B65G 47/14 | (22) 06.01.2016 | JEAN-STRUSS, Christine |
| B65G 47/19 | (54) ELECTRONIC CIGARETTE | (51) A42B 3/06 |
| (11) EP2636322 | (73) Vapeonly Technology Co., Ltd. | A42B 3/22 |
| (21) EP13157892.4 | (72) GAO, Eric | (11) EP3166433 |
| (47) 23.05.2018 | (31) 201510501900 | (21) EP15750440.8 |
| (22) 05.03.2013 | (32) 14.08.2015 | (47) 23.05.2018 |
| (54) Device for inserting one or more objects into a filter component of a tobacco rod and machine for the tobacco processing industry | (33) China | (87) EP2015068853 |
| (73) Hauni Maschinenbau GmbH | (51) A24F 47/00 | 03.03.2016 |
| (72) Henley, Shawn | A61M 15/06 | (22) 17.08.2015 |
| Amiss, Robert | (11) EP2550879 | (54) BICYCLE HELMET |
| Hoffmann, Wilfried | (21) EP10848417.1 | (73) ABUS August Bremicker Söhne KG |
| (31) 201261607296 P | (47) 23.05.2018 | (31) 102014112246 |
| 201213709902 | (87) JP2010055365 | (32) 26.08.2014 |
| (32) 06.03.2012 | 29.09.2011 | (33) Germany |
| 10.12.2012 | (22) 26.03.2010 | (51) A42B 3/08 |
| (33) United States of America | (54) SMOKING ARTICLE | |
| United States of America | (73) Japan Tobacco, Inc. | |
| (51) A24D 3/04 | | |
| (11) EP3073845 | | |
| (21) EP14815043.6 | | |

| | | |
|------------------------------------|-------------------------------------|-------------------------------------|
| A44B 11/25 | (31) 201313849348 | (22) 05.03.2013 |
| (11) EP3165108 | (32) 22.03.2013 | (54) ARTICLE OF FOOTWEAR HAVING A |
| (21) EP16194442.6 | (33) United States of America | SOLE STRUCTURE WITH A FLEXIBLE |
| (47) 23.05.2018 | (51) A43B 7/14 | GROOVE |
| (22) 18.10.2016 | A43B 13/20 | (73) NIKE Innovate C.V. |
| (54) NECK STRAP CONNECTOR WITH | A43B 13/40 | (72) Holt, Scott C. |
| VARIABLE BREAKING | A43B 17/03 | Peyton, Lee D. |
| (73) Zedel | (11) EP2849598 | Schindler, Eric S. |
| (72) Coursimault, Antoine | (21) EP13753714.8 | (31) 201213414857 |
| (31) 1560496 | (47) 23.05.2018 | (32) 08.03.2012 |
| (32) 03.11.2015 | (87) US2013050623 | (33) United States of America |
| (33) France | 23.01.2014 | (51) A43B 13/20 |
| (51) A43B 5/00 | (22) 16.07.2013 | (11) EP2568842 |
| (11) EP2395870 | (54) ARTICLE OF FOOTWEAR HAVING A | (21) EP11722210.9 |
| (21) EP10730590.6 | FLEXIBLE FLUID-FILLED CHAMBER | (47) 23.05.2018 |
| (47) 23.05.2018 | (73) NIKE Innovate C.V. | (87) US2011031621 |
| (87) US2010022337 | (72) HOLT, Scott, C. | 17.11.2011 |
| 05.08.2010 | (31) 201213551434 | (22) 07.04.2011 |
| (22) 28.01.2010 | (32) 17.07.2012 | (54) CONTOURED FLUID-FILLED CHAMBER |
| (54) ARTICLE OF FOOTWEAR WITH | (33) United States of America | WITH A TENSILE MEMBER |
| SUSPENDED STUD ASSEMBLY | (51) A43B 11/00 | (73) NIKE Innovate C.V. |
| (73) NIKE Innovate C.V. | A43B 7/04 | (72) BEYE, Douglas Alan |
| (72) BAKER, Brian, D. | A43B 23/24 | MONFILS, Benjamin Joseph |
| BAUDOIN, Alexandre | H02J 7/02 | (31) 778909 |
| MORAG, Erez | A43B 1/00 | (32) 12.05.2010 |
| (31) 361660 | A43B 3/00 | (33) United States of America |
| (32) 29.01.2009 | (11) EP2278897 | (51) A43C 3/00 |
| (33) United States of America | (21) EP09739666.7 | B29C 45/14 |
| (51) A43B 5/06 | (47) 23.05.2018 | (11) EP2975963 |
| A43B 13/04 | (87) US2009042081 | (21) EP14723510.5 |
| A43B 13/12 | 05.11.2009 | (47) 23.05.2018 |
| A43B 13/14 | (22) 29.04.2009 | (87) IT2014000070 |
| A43B 13/18 | (54) CHARGING SYSTEM FOR AN ARTICLE | 25.09.2014 |
| A43B 13/20 | OF FOOTWEAR | (22) 10.03.2014 |
| A43B 13/28 | (73) NIKE Innovate C.V. | (54) FOOTWEAR VAMP AND PROCESS FOR |
| A43B 13/32 | (72) BEERS, Tiffany A. | THE PRODUCTION OF VAMPS FOR |
| B29D 35/12 | FRITON, Michael R. | FOOTWEAR |
| B29D 35/14 | HATFIELD, Tinker L. | (73) 10 Ottobre S.r.l. |
| (11) EP2923595 | (31) 114022 | (72) SPINELLI, Andrea |
| (21) EP15000960.3 | 369410 | (31) FI20130054 |
| (47) 23.05.2018 | (32) 02.05.2008 | (32) 18.03.2013 |
| (22) 17.12.2012 | 11.02.2009 | (33) Italy |
| (54) ARTICLE OF FOOTWEAR HAVING AN | (33) United States of America | (51) A43C 15/02 |
| ELEVATED PLATE SOLE STRUCTURE | United States of America | A43B 13/22 |
| (73) NIKE Innovate C.V. | (51) A43B 13/14 | A43B 13/26 |
| (72) Peyton, Lee D. | A43B 13/12 | A43C 15/16 |
| Devoe, Devonne | A43B 13/18 | (11) EP2413730 |
| (31) 201113336460 | (11) EP2753206 | (21) EP10759408.7 |
| (32) 23.12.2011 | (21) EP12762137.3 | (47) 23.05.2018 |
| (33) United States of America | (47) 23.05.2018 | (87) US2010029640 |
| (51) A43B 7/14 | (87) US2012053923 | 07.10.2010 |
| A43B 7/28 | 14.03.2013 | (22) 01.04.2010 |
| A43B 13/12 | (22) 06.09.2012 | (54) TRACTION ELEMENTS |
| A43B 13/16 | (54) ARTICLE OF FOOTWEAR WITH | (73) NIKE Innovate C.V. |
| A43B 13/18 | SUPPORT MEMBERS AND | (72) AUGER, Perry W. |
| A43B 13/20 | CONNECTING MEMBERS | BAKER, Brian D. |
| (11) EP2975962 | (73) NIKE Innovate C.V. | CAINE, Andrew |
| (21) EP14725938.6 | (72) WAN, Tee L. | CAVALIERE, Sergio |
| (47) 23.05.2018 | HOOPER, Paul | PETER, Daniel W. |
| (87) US2014031276 | TSENG, Nico | SMITH, Timothy J. |
| 25.09.2014 | (31) 201113226982 | (31) 166191 P |
| (22) 20.03.2014 | (32) 07.09.2011 | (32) 02.04.2009 |
| (54) ARTICLE OF FOOTWEAR WITH | (33) United States of America | (33) United States of America |
| TENSILE STRUCTURE | (51) A43B 13/14 | (51) A44C 17/00 |
| (73) NIKE Innovate C.V. | A43B 13/18 | A44C 17/04 |
| (72) ELDER, Zachary, M. | (11) EP3009022 | A44C 17/02 |
| JAMES, Dervin, A. | (21) EP15001941.2 | (11) EP3068254 |
| KILGORE, Elizabeth, A. | (47) 23.05.2018 | (21) EP14809746.2 |

| | | |
|---|--|--|
| (47) 23.05.2018 | (31) 0706927 | United States of America |
| (87) AT2014000192 | (32) 03.10.2007 | (51) A46B 9/04 |
| 21.05.2015 | (33) France | A46B 9/06 |
| (22) 27.10.2014 | (51) A45D 29/02 | (11) EP2034867 |
| (54) GEM HAVING A STELLAR APPEARANCE | (11) EP2845512 | (21) EP07798822.8 |
| (73) D. Swarovski KG | (21) EP13861487.0 | (47) 23.05.2018 |
| (72) LOINGER, Christian | (47) 23.05.2018 | (87) US2007071668 |
| (31) 8882013 | (87) CN2013080469 | 27.12.2007 |
| (32) 15.11.2013 | 30.10.2014 | (22) 20.06.2007 |
| (33) Austria | (22) 31.07.2013 | (54) METHOD OF FORMING A WEAR INDICATOR FOR A TOOTHBRUSH AND TOOTHBRUSH COMPRISING SUCH WEAR INDICATOR |
| (51) A45B 9/02 | (54) AUTOMATIC SAFETY NAIL CLIPPER | (73) Colgate-Palmolive Company |
| A63C 11/22 | (73) Shanghai Naile Electrical Technology Co., Ltd | (72) HOHLBEIN, Douglas J. |
| (11) EP2849603 | (72) DAI, Wanyue | WAGUESPACK, Kenneth |
| (21) EP13717039.5 | (31) 201310139710 | SORREL, Steven M. |
| (47) 23.05.2018 | (32) 22.04.2013 | RUSSELL, Bruce M. |
| (87) EP2013058040 | (33) China | (31) 472021 |
| 21.11.2013 | (51) A45D 34/04 | (32) 21.06.2006 |
| (22) 18.04.2013 | A46B 9/04 | (33) United States of America |
| (54) POLE GRIP HAVING A GUIDED LOOP | B65D 47/42 | (51) A46B 9/04 |
| (73) Lekisport AG | A45D 19/02 | A46B 9/06 |
| (72) LENHART, Klaus | A46B 11/00 | A46D 1/00 |
| HEIM, Eberhard | A45D 34/00 | (11) EP2136674 |
| KREIS, Vladimir | (11) EP3169190 | (21) EP08748928.2 |
| (31) 703122012 | (21) EP14758222.5 | (47) 23.05.2018 |
| (32) 18.05.2012 | (47) 23.05.2018 | (87) EP2008003009 |
| (33) Switzerland | (87) US2014051118 | 30.10.2008 |
| (51) A45C 11/00 | 18.02.2016 | (22) 16.04.2008 |
| B65D 75/32 | (22) 14.08.2014 | (54) TOOTHBRUSH |
| A61F 9/00 | (54) APPLICATOR FOR A FLUID DISPENSER | (73) Braun GmbH |
| B65D 83/00 | (73) Colgate-Palmolive Company | (72) VITT, Martin |
| B65D 83/04 | (72) MOSKOVICH, Robert | SCHÄFER, Gerhard |
| A47F 1/00 | (51) A45D 40/26 | STÖRKEL, Jens |
| B65D 81/05 | A46B 9/02 | RUDERSDORF, Daniel |
| B65D 75/58 | (11) EP3010369 | CONRAD, Ellen |
| (11) EP2526810 | (21) EP14741391.8 | (31) 102007018766 |
| (21) EP12180929.7 | (47) 23.05.2018 | (32) 20.04.2007 |
| (47) 23.05.2018 | (87) IB2014062468 | (33) Germany |
| (22) 16.02.2005 | 24.12.2014 | (51) A46B 9/04 |
| (54) Packaging for disposable soft contact lenses | (22) 20.06.2014 | A61C 17/22 |
| (73) Menicon Singapore Pte Ltd. | (54) APPLICATOR FOR APPLYING A PRODUCT TO THE EYEBROWS | (11) EP2654497 |
| (72) Newman, Stephen D. | (73) L'OREAL | (21) EP11811153.3 |
| (31) 781321 | (72) CAULIER, Eric | (47) 23.05.2018 |
| 789961 | SANCHEZ, Marcel | (87) IB2011055801 |
| (32) 17.02.2004 | THENIN, Audrey | 28.06.2012 |
| 27.02.2004 | TEBOUL, Karen | (22) 20.12.2011 |
| (33) United States of America | CADORE, Cécile | (54) ORAL HYGIENE APPLIANCE WITH BRISTLE CHARACTERISTICS FOR EFFECTIVE CLEANING |
| United States of America | (31) 1355862 | (73) Koninklijke Philips N.V. |
| (51) A45C 13/42 | (32) 20.06.2013 | (72) MILLER, Kevin, A |
| A45C 15/00 | (33) France | (31) 201061424718 P |
| (11) EP3106055 | (51) A46B 9/02 | (32) 20.12.2010 |
| (21) EP15172182.6 | A45D 40/26 | (33) United States of America |
| (47) 23.05.2018 | (11) EP2696722 | (51) A46B 11/00 |
| (22) 15.06.2015 | (21) EP12718392.9 | (11) EP2687126 |
| (54) PIECE OF LUGGAGE | (47) 23.05.2018 | (21) EP13183339.4 |
| (73) RIMOWA ELECTRONIC TAG GmbH | (87) IB2012051755 | (47) 23.05.2018 |
| (72) Reh, Jan | 18.10.2012 | (22) 16.12.2010 |
| Morszeck, Dieter | (22) 11.04.2012 | (54) Oral care system |
| (51) A45D 1/04 | (54) A MASCARA BRUSH | (73) Colgate-Palmolive Company |
| (11) EP3155923 | (73) L'OREAL | (72) Jimenez, Eduardo |
| (21) EP16200362.8 | (72) GUERET, Jean-Louis | Kennedy, Sharon |
| (47) 23.05.2018 | (31) 1153195 | Moskovich, Robert |
| (22) 02.10.2008 | 201161476443 P | Gatzemeyer, John |
| (54) PORTABLE APPARATUS FOR THE STEAM TREATMENT OF HAIR | (32) 12.04.2011 | Berge, Gary L. |
| (73) SEB S.A. | 18.04.2011 | |
| (72) SERRES-VIVES, Gérald | (33) France | |
| SIMOND, Bénédicte | | |

| | | |
|---|---|--|
| Chopra, Suman Kumar | (54) DEVICE AND METHOD FOR ASSEMBLY AT A HEIGHT-ADJUSTABLE DISC | (33) Germany |
| (31) PCT/US2009/069408 | (73) JG Metall AB | (51) A47D 13/10 |
| PCT/US2009/069402 | (72) SKEPÖ, Håkan | A47D 9/02 |
| 410514 P | (31) 1450803 | (11) EP3092921 |
| 423397 P | (32) 30.06.2014 | (21) EP16169969.9 |
| 423414 P | (33) Sweden | (47) 23.05.2018 |
| 423435 P | (51) A47B 46/00 | (22) 06.03.2015 |
| 423449 P | A47L 15/50 | (54) CHILD MOTION APPARATUS |
| (32) 23.12.2009 | F24C 15/16 | (73) Wonderland Switzerland AG |
| 23.12.2009 | A47B 88/00 | (72) Mountz, Jonathan K. |
| 05.11.2010 | (11) EP3125723 | Bellows, William B. |
| 15.12.2010 | (21) EP15741846.8 | Saint, John T. |
| 15.12.2010 | (47) 23.05.2018 | Sims, John |
| 15.12.2010 | (87) EP2015056565 | Tuckey, Peter R. |
| 15.12.2010 | 08.10.2015 | (31) 201461967019 P |
| (33) World Intellectual Property Office (WIPO) | (22) 26.03.2015 | 201461998088 P |
| World Intellectual Property Office (WIPO) | (54) PIECE OF FURNITURE OR DOMESTIC APPLIANCE WITH A SLIDING/ PIVOTING MECHANISM OF A SHELF | 201461999788 P |
| United States of America | (73) Paul Hettich GmbH & Co. KG | (32) 07.03.2014 |
| United States of America | (72) AZKUE, Mikel | 17.06.2014 |
| United States of America | GARCIA, Oscar | 06.08.2014 |
| United States of America | ARRIAGA, Eñaut | (33) United States of America |
| United States of America | LOPETEGI, Iker | United States of America |
| United States of America | LASKIBAR, Unai | United States of America |
| (51) A46D 1/00 | (31) 102014104733 | (51) A47F 1/12 |
| (11) EP2810583 | (32) 03.04.2014 | (11) EP2829201 |
| (21) EP14164382.5 | (33) Germany | (21) EP14175187.5 |
| (47) 23.05.2018 | (51) A47C 1/03 | (47) 23.05.2018 |
| (22) 11.04.2014 | (11) EP3090656 | (22) 01.07.2014 |
| (54) Head for an oral care implement | (21) EP16167967.5 | (54) Retail product container display system |
| (73) The Procter & Gamble Company | (47) 23.05.2018 | (73) Bruegmann GmbH & Co. KG |
| (72) Jungnickel, Uwe | (22) 02.05.2016 | (72) Brüggemann, Malte |
| Hübner, Marlis | (54) ARMREST, IN PARTICULAR FOR OFFICE CHAIRS | (31) 201361856774 P |
| Ballmaier, Kathi | (73) Brado S.p.A. | (32) 22.07.2013 |
| Wasow, Sören | (72) Serena, Stefano | (33) United States of America |
| Harrington, Fiona | (31) VE20150021 | (51) A47F 1/12 |
| (31) 13170759 | (32) 05.05.2015 | (11) EP2754370 |
| 13170761 | (33) Italy | (21) EP14164097.9 |
| 13170764 | (51) A47C 20/04 | (47) 23.05.2018 |
| (32) 06.06.2013 | A47C 20/08 | (22) 31.08.2006 |
| 06.06.2013 | (11) EP3190926 | (54) Product management display system with trackless pusher mechanism |
| 06.06.2013 | (21) EP15781290.0 | (73) RTC INDUSTRIES, INC. |
| (33) European Patent Office (EPO) | (47) 23.05.2018 | (72) Hardy, Stephen |
| European Patent Office (EPO) | (87) DK2015000036 | (31) 716362 P |
| European Patent Office (EPO) | 17.03.2016 | 734692 P |
| (51) A47B 5/06 | (22) 09.09.2015 | 411761 |
| B60N 3/00 | (54) LINEAR DUAL ACTUATOR | (32) 12.09.2005 |
| B60P 3/36 | (73) Linak A/S | 08.11.2005 |
| B61D 37/00 | (72) ANDERSEN, Hans Gram | 25.04.2006 |
| B63B 29/06 | (31) 201400515 | (33) United States of America |
| B64D 11/06 | (32) 09.09.2014 | United States of America |
| (11) EP3141152 | (51) A47C 21/04 | United States of America |
| (21) EP16187051.4 | B62D 33/06 | (51) A47G 25/14 |
| (47) 23.05.2018 | (11) EP3075282 | (11) EP2941152 |
| (22) 02.09.2016 | (21) EP16000732.4 | (21) EP13783636.7 |
| (54) A REMOVABLE TABLE WITH A REDUCED BULK, IN PARTICULAR FOR A RAILWAY VEHICLE | (47) 23.05.2018 | (47) 23.05.2018 |
| (73) ALSTOM Transport Technologies | (22) 30.03.2016 | (87) GB2013052769 |
| (72) PAILLER, Christophe | (54) LOUNGER IN A DRIVER'S CAB OF A COMMERCIAL VEHICLE | 01.05.2014 |
| MARCONNOT, Jean-Christophe | (73) MAN Truck & Bus AG | (22) 24.10.2013 |
| (31) 1558176 | (72) Gündogdu, Oguzhan | (54) A GARMENT HANGER |
| (32) 03.09.2015 | Siflinger, Markus | (73) MAINETTI (UK) LIMITED |
| (33) France | (31) 102015004217 | (72) JONES, Michael |
| (51) A47B 9/04 | (32) 31.03.2015 | (31) 201219297 |
| A47B 9/20 | | (32) 26.10.2012 |
| (11) EP2962599 | | (33) United Kingdom |
| (21) EP15172518.1 | | (51) A47G 33/06 |
| (47) 23.05.2018 | | (11) EP2999381 |
| (22) 17.06.2015 | | |

| | | |
|---|--|---|
| (21) EP13777155.6 | (54) HANDLE FOR A COOKING VESSEL, COMPRISING A LATENT HEAT SINK | (47) 23.05.2018 |
| (47) 23.05.2018 | (73) SEB S.A. | (22) 18.12.2014 |
| (87) NL2013050708 | (72) COMPEAU, Jean-Louis | (54) ROBOT CLEANER, ROBOT CLEANER SYSTEM AND CONTROL METHOD OF THE SAME |
| 27.11.2014 | (31) 1459230 | (73) LG Electronics Inc. |
| (22) 04.10.2013 | (32) 30.09.2014 | (72) KIM, Bongju |
| (54) ILLUMINATION ASSEMBLY PROVIDING A CHRISTMAS TREE IMPRESSION | (33) France | CHO, Seongeun |
| (73) Hemsson Holding B.V. | (51) A47J 42/08 | KIM, Sangmok |
| (72) ACHTERHUIS, Herman Johan | (11) EP3148388 | (31) 20130159727 |
| (31) 2010828 | (21) EP15731698.5 | (32) 19.12.2013 |
| (32) 21.05.2013 | (47) 23.05.2018 | (33) Korea (Republic) |
| (33) Netherlands | (87) IB2015053918 | (51) A47L 11/29 |
| (51) A47J 31/42 | 03.12.2015 | A47L 11/40 |
| A47J 42/50 | (22) 26.05.2015 | A47L 11/24 |
| A47J 31/40 | (54) A GRINDING DEVICE FOR GRINDABLE PRODUCTS | A47L 11/28 |
| (11) EP2777452 | (73) Drogheria e Alimentari S.p.A. | E01H 1/05 |
| (21) EP14167254.3 | (72) CARAPELLI, Giacinto | (11) EP2814369 |
| (47) 23.05.2018 | (31) MI20140957 | (21) EP13710118.4 |
| (22) 17.02.2011 | (32) 26.05.2014 | (47) 23.05.2018 |
| (54) Coffee bean packaging cartridge and method for preparing a coffee beverage | (33) Italy | (87) US2013026247 |
| (73) Koninklijke Douwe Egberts B.V. | (51) A47J 42/40 | 22.08.2013 |
| Koninklijke Philips N.V. | (11) EP3167782 | (22) 15.02.2013 |
| (72) van Os, Ivo | (21) EP16002361.0 | (54) SURFACE MAINTENANCE VEHICLE WITH COMPACT SIDE BRUSH ASSEMBLY |
| Kneppers, Job Leonardus | (47) 23.05.2018 | (73) Tennant Company |
| Versluijs, Richard Patrick | (22) 08.11.2016 | (72) SHINLER, Kevin, L. |
| Moorman, Christiaan Johannes Maria de Graaff, Gerbrand Kristiaan | (54) PROCESS AND APPARATUS FOR GRINDING AND DOSING COFFEE BEANS WITH AUTOMATIC AND CONTINUOUS DOSE CALIBRATION | WELLENS, Richard, W. |
| (31) PCT/NL2010/050077 | (73) Fiorenzato M.C. Srl | (31) 201261599771 P |
| 2004274 | (72) Oddera, Manuel | (32) 16.02.2012 |
| 2005238 | (31) UB20155477 | (33) United States of America |
| 2005278 | (32) 11.11.2015 | (51) A47L 13/17 |
| 2005280 | (33) Italy | (11) EP2929828 |
| (32) 17.02.2010 | (51) A47L 1/02 | (21) EP14164509.3 |
| 22.02.2010 | A47L 11/38 | (47) 23.05.2018 |
| 17.08.2010 | B25J 15/06 | (22) 11.04.2014 |
| 26.08.2010 | B66C 1/02 | (54) Cleaning unit comprising a cleaning mop and at least one package |
| 26.08.2010 | (11) EP3141172 | (73) Hydroflex OHG |
| (33) World Intellectual Property Office (WIPO) | (21) EP16192045.9 | (72) Becker, Edward |
| Netherlands | (47) 23.05.2018 | (51) A47L 15/42 |
| Netherlands | (22) 03.04.2013 | D06F 37/42 |
| Netherlands | (54) GLASS-WIPING DEVICE AND RUN CONTROL METHOD THEREOF | (11) EP3104763 |
| Netherlands | (73) Ecovacs Robotics Co., Ltd. | (21) EP15708325.4 |
| (51) A47J 31/42 | (72) LV, Xiaoming | (47) 23.05.2018 |
| A47J 42/56 | (31) 201210097694 | (87) IB2015050775 |
| (11) EP2919629 | (32) 05.04.2012 | 20.08.2015 |
| (21) EP13774366.2 | (33) China | (22) 02.02.2015 |
| (47) 23.05.2018 | (51) A47L 9/16 | (54) DOOR LOCKING DEVICE FOR HOUSEHOLD APPLIANCES |
| (87) EP2013068852 | (11) EP2706902 | (73) Elettrotecnica Rold Srl |
| 22.05.2014 | (21) EP12716573.6 | (72) ROCCHITELLI, Stefano |
| (22) 11.09.2013 | (47) 23.05.2018 | (31) MI20140151 |
| (54) FULLY AUTOMATIC COFFEE MACHINE | (87) GB2012050873 | (32) 03.02.2014 |
| (73) Eugster/Frismag AG | 15.11.2012 | (33) Italy |
| (72) EICHER, Heinz | (22) 20.04.2012 | (51) A47L 15/50 |
| (31) 202012104381 U | (54) A SURFACE TREATING APPLIANCE | (11) EP2912985 |
| (32) 13.11.2012 | (73) Dyson Technology Limited | (21) EP15156665.0 |
| (33) Germany | (72) DYSON, James | (47) 23.05.2018 |
| (51) A47J 36/06 | FOLLOWS, Thomas | (22) 26.02.2015 |
| A47J 37/10 | (31) 201107776 | (54) Dishwasher |
| A47J 45/06 | (32) 11.05.2011 | (73) Panasonic Intellectual Property Management Co., Ltd. |
| (11) EP3200663 | (33) United Kingdom | (72) Minamide, Yoshinori |
| (21) EP15787253.2 | (51) A47L 9/28 | Mishima, Takuhiro |
| (47) 23.05.2018 | (11) EP3081135 | Ikeshima, Mamoru |
| (87) FR2015052577 | (21) EP16165877.8 | (31) 2014037862 |
| 07.04.2016 | | |
| (22) 28.09.2015 | | |

| | | |
|--------------------------------|--|---|
| (32) 28.02.2014 | A61B 3/103 | (21) EP06706294.3 |
| (33) Japan | (11) EP3099217 | (47) 23.05.2018 |
| (51) A61B 1/00 | (21) EP15708570.5 | (87) EP2006000436 |
| (11) EP2136695 | (47) 23.05.2018 | 27.07.2006 |
| (21) EP08742179.8 | (87) IB2015000092 | (22) 19.01.2006 |
| (47) 23.05.2018 | 06.08.2015 | (54) METHOD OF MOTION CORRECTION IN |
| (87) US2008003729 | (22) 30.01.2015 | OPTICAL COHERENCE TOMOGRAPHY |
| 25.09.2008 | (54) NON-INVASIVE COMPRESSION AND | IMAGING |
| (22) 21.03.2008 | REFRACTION CONTACT TONOMETER | (73) Carl Zeiss Meditec AG |
| (54) METHODS AND DEVICES FOR | FOR MEASURING THE PRESSURE IN | (72) EVERETT, Matthew, J. |
| REDUCING REFLECTION- | THE POSTERIOR CHAMBER AND / OR | O'HARA, Keith, E. |
| ILLUMINATED ARTIFACTS | THE VITREOUS CHAMBER OF THE EYE | (31) 645637 P |
| (73) Maquet Cardiovascular LLC | (73) Piotr Nogal "Twoje Oczy" | 331567 |
| (72) POST, Ethan | (72) NOGAL, Piotr | (32) 21.01.2005 |
| TAMKIN, John | (31) 40703914 | 13.01.2006 |
| KENDALE, Amar | (32) 31.01.2014 | (33) United States of America |
| (31) 907150 P | (33) Poland | United States of America |
| (32) 22.03.2007 | (51) A61B 5/00 | (51) A61B 5/00 |
| (33) United States of America | (11) EP1949848 | A61B 5/04 |
| (51) A61B 1/00 | (21) EP07022042.1 | (11) EP3182884 |
| (11) EP3024374 | (47) 23.05.2018 | (21) EP15766062.2 |
| (21) EP14741617.6 | (22) 13.11.2007 | (47) 23.05.2018 |
| (47) 23.05.2018 | (54) Optical measurement instrument for living | (87) EP2015069330 |
| (87) EP2014065587 | body | 25.02.2016 |
| 29.01.2015 | (73) Hitachi, Ltd. | (22) 24.08.2015 |
| (22) 21.07.2014 | (72) Atsumori, Hirokazu | (54) MEG IMAGING METHOD ASSISTED BY |
| (54) SEALING COMPONENT FOR AN | Kiguchi, Masashi | DIFFUSION MRI |
| ENDOSCOPE CONNECTOR | Horita, Tadahiro | (73) Commissariat à l'Énergie Atomique et aux |
| (73) Digital Endoscopy GmbH | (31) 2007014436 | Énergies Alternatives |
| (72) RILLI, Christoph | (32) 25.01.2007 | (72) LABYT, Etienne |
| (31) 102013214278 | (33) Japan | DURAND, Pierre |
| (32) 22.07.2013 | (51) A61B 5/00 | (31) 1457945 |
| (33) Germany | (11) EP2515746 | (32) 22.08.2014 |
| (51) A61B 1/00 | (21) EP10798329.8 | (33) France |
| A61B 1/12 | (47) 23.05.2018 | (51) A61B 5/00 |
| (11) EP2886037 | (87) EP2010070460 | A61B 5/145 |
| (21) EP14196798.4 | 30.06.2011 | A61M 5/142 |
| (47) 23.05.2018 | (22) 22.12.2010 | (11) EP2797495 |
| (22) 08.12.2014 | (54) METHOD OF CALIBRATION | (21) EP12805592.8 |
| (54) ENDOSCOPE WITH NOZZLE | (73) Commissariat à l'Énergie Atomique et aux | (47) 23.05.2018 |
| (73) FUJIFILM Corporation | Énergies Alternatives | (87) EP2012005189 |
| (72) Ikeda, Toshiyuki | (72) MONTCUQUET, Anne-Sophie | 04.07.2013 |
| Torii, Yuichi | (31) 0959560 | (22) 17.12.2012 |
| Iyama, Shozo | (32) 24.12.2009 | (54) A HANDHELD DIABETES MANAGER |
| (31) 2013263740 | (33) France | WITH A USER INTERFACE FOR |
| (32) 20.12.2013 | (51) A61B 5/00 | DISPLAYING A STATUS OF AN |
| (33) Japan | (11) EP3060101 | EXTERNAL MEDICAL DEVICE |
| (51) A61B 3/10 | (21) EP14798994.1 | (73) F.Hoffmann-La Roche AG |
| A61B 3/12 | (47) 23.05.2018 | (72) MEARS, Mark, G. |
| A61F 9/008 | (87) IB2014065348 | NIERZWICK, Mark |
| (11) EP2723227 | 30.04.2015 | PASH, Phillip, E. |
| (21) EP12738269.5 | (22) 16.10.2014 | RIZZO, Vincent, R. |
| (47) 23.05.2018 | (54) SENSOR APPARATUS AND METHOD | STEINER, Bettina |
| (87) US2012043808 | FOR MONITORING A VITAL SIGN OF A | WESTERFIELD, Kristin, M. |
| 27.12.2012 | SUBJECT | (31) 201161581149 P |
| (22) 22.06.2012 | (73) Koninklijke Philips N.V. | 201213661082 |
| (54) OPHTHALMIC RANGE FINDING | (72) KURZENBERGER, Heinz Otto | (32) 29.12.2011 |
| (73) AMO Development, LLC | EMMRICH, Thomas Gerhard | 26.10.2012 |
| (72) BOR, Zsolt | WILM, Bernd Günter Werner | (33) United States of America |
| TAMKIN, John | ZIMMERMANN, Steffen | United States of America |
| (31) 201161500596 P | GREINER, Harald | (51) A61B 5/00 |
| 201261637644 P | (31) 201361894025 P | A61B 5/145 |
| (32) 23.06.2011 | (32) 22.10.2013 | G06F 19/00 |
| 24.04.2012 | (33) United States of America | (11) EP2109394 |
| (33) United States of America | (51) A61B 5/00 | (21) EP08713205.6 |
| United States of America | A61B 3/12 | (47) 23.05.2018 |
| (51) A61B 3/16 | G01B 9/02 | (87) US2008000761 |
| | (11) EP1838213 | 31.07.2008 |

| | | |
|---|--|-------------------------------|
| (22) 22.01.2008 | (21) EP12736086.5 | Drew, Kenneth H. |
| (54) ANALYTE-TESTING DEVICE | (47) 23.05.2018 | (31) 618484 |
| (73) Ascensia Diabetes Care Holdings AG | (87) FI2012050031 | (32) 29.12.2006 |
| (72) CHANG, Kevin | 26.07.2012 | (33) United States of America |
| (31) 881983 P | (22) 13.01.2012 | (51) A61B 5/11 |
| (32) 23.01.2007 | (54) A METHOD AND SYSTEM | A61B 5/18 |
| (33) United States of America | FOR VISUALIZATION OF | A61B 5/00 |
| (51) A61B 5/021 | CARDIOVASCULAR PULSATION | B60K 28/06 |
| A61B 5/00 | WAVES | (11) EP3000395 |
| (11) EP3138482 | (73) Delfin Technologies Oy | (21) EP15185657.2 |
| (21) EP16187021.7 | (72) KAMSHILIN, Alexei | (47) 23.05.2018 |
| (47) 23.05.2018 | MIRIDONOV, Serguei | (22) 17.09.2015 |
| (22) 02.09.2016 | (31) 20115053 | (54) SYSTEM AND METHOD FOR |
| (54) METHOD AND DEVICE FOR | (32) 19.01.2011 | MONITORING A SUBJECT'S EYE |
| CONTINUOUS BLOOD PRESSURE | (33) Finland | (73) IMEC vzw |
| MONITORING AND ESTIMATION | (51) A61B 5/04 | (72) Perugapalli, Prasanth |
| (73) Tata Consultancy Services Limited | A61B 5/0428 | Kumar Nath, Sumit |
| (72) Jayaraman, Srinivasan | A61B 5/11 | (31) CH45722014 |
| Purushothaman, Balamuralidhar | A61B 5/0245 | (32) 19.09.2014 |
| Unni, Midhun P | H04R 19/01 | (33) India |
| Sinha, Aniruddha | A61B 5/00 | (51) A61B 5/145 |
| Pal, Arpan | A61B 5/024 | A61B 17/34 |
| Ramakrishnan, Ramesh Kumar | A61B 5/113 | (11) EP2982302 |
| (31) 3417MU2015 | A61B 5/08 | (21) EP14179911.4 |
| (32) 04.09.2015 | (11) EP2437657 | (47) 23.05.2018 |
| (33) India | (21) EP10727933.3 | (22) 05.08.2014 |
| (51) A61B 5/0215 | (47) 23.05.2018 | (54) Medical applicator |
| A61M 25/00 | (87) IB2010052414 | (73) F. Hoffmann-La Roche AG |
| (11) EP3068291 | 09.12.2010 | (72) KUBE, Oliver |
| (21) EP14808763.8 | (22) 31.05.2010 | ORTH, Michael |
| (47) 23.05.2018 | (54) CAPACITIVE SENSING SYSTEM | WALTER, Helmut |
| (87) US2014064991 | (73) Koninklijke Philips N.V. | (51) A61B 6/00 |
| 21.05.2015 | (72) MEFTAH, Mohammed | A61B 6/03 |
| (22) 11.11.2014 | FEDDES, Bastiaan | (11) EP2770910 |
| (54) DUAL LUMEN CATHETER FOR | (31) 09162001 | (21) EP12791263.2 |
| PROVIDING A VASCULAR PRESSURE | (32) 05.06.2009 | (47) 23.05.2018 |
| MEASUREMENT | (33) European Patent Office (EPO) | (87) IB2012055594 |
| (73) Medtronic Vascular Galway | (51) A61B 5/05 | 02.05.2013 |
| (72) MCCAFFREY, Gerry | A61B 5/055 | (22) 15.10.2012 |
| SWEENEY, Fiachra | G01R 33/12 | (54) PERFUSION IMAGING |
| O'CONNELL, Barry | G01R 33/20 | (73) Koninklijke Philips N.V. |
| MURPHY, Christopher | (11) EP2552310 | (72) CARMÍ, Raz |
| (31) 201314080484 | (21) EP11716372.5 | LAMASH, Yechiel |
| (32) 14.11.2013 | (47) 23.05.2018 | (31) 201161550490 P |
| (33) United States of America | (87) EP2011001651 | (32) 24.10.2011 |
| (51) A61B 5/026 | 06.10.2011 | (33) United States of America |
| A61B 5/00 | (22) 01.04.2011 | (51) A61B 6/00 |
| (11) EP2473102 | (54) IMAGING METHOD USING | G06K 9/00 |
| (21) EP10814619.2 | MAGNETIC SMALL PARTICLES, AND | G06T 7/00 |
| (47) 23.05.2018 | CORRESPONDING DEVICE | A61B 6/03 |
| (87) US2010047949 | (73) Rückert, Martin | A61B 6/04 |
| 10.03.2011 | Behr, Volker C. | A61B 5/055 |
| (22) 07.09.2010 | (72) Rückert, Martin | A61B 5/00 |
| (54) MULTIMODAL LASER SPECKLE | Behr, Volker C. | (11) EP3244799 |
| IMAGING | (31) 102010013900 | (21) EP16700164.3 |
| (73) The Johns Hopkins University | (32) 01.04.2010 | (47) 23.05.2018 |
| (72) REGE, Abhishek | (33) Germany | (87) EP2016050153 |
| THAKOR, Nitish | (51) A61B 5/05 | 21.07.2016 |
| MURARI, Kartikeya | A61M 25/00 | (22) 07.01.2016 |
| LI, Nan | (11) EP2774536 | (54) VERTEBRAL FEATURE |
| (31) 239947 P | (21) EP14171265.3 | IDENTIFICATION |
| (32) 04.09.2009 | (47) 23.05.2018 | (73) Koninklijke Philips N.V. |
| (33) United States of America | (22) 14.11.2007 | (72) KLINDER, Tobias |
| (51) A61B 5/026 | (54) Sheath exit sensor | HANSIS, Eberhard Sebastian |
| A61B 5/024 | (73) St. Jude Medical, Atrial Fibrillation Division, | GRASS, Michael |
| A61B 5/0285 | Inc. | SCHAEFER, Dirk |
| A61B 5/00 | (72) Hauck, John A. | HOMANN, Hanno Heyke |
| (11) EP2665411 | Schweitzer, Jeffrey A. | HAASE, Christian |

| | | |
|-----------------------------------|--|---|
| (31) 15151457 | (31) 2008288239 | (32) 15.03.2013 |
| (32) 16.01.2015 | (32) 10.11.2008 | (33) United States of America |
| (33) European Patent Office (EPO) | (33) Japan | (51) A61B 17/04 |
| (51) A61B 6/14 | (51) A61B 17/00 | A61F 2/08 |
| (11) EP2503941 | (11) EP2440142 | A61B 17/17 |
| (21) EP10808989.7 | (21) EP10721626.9 | A61L 17/04 |
| (47) 23.05.2018 | (47) 23.05.2018 | A61B 17/06 |
| (87) FI2010050951 | (87) CH2010000147 | (11) EP2675363 |
| 03.06.2011 | 16.12.2010 | (21) EP12746492.3 |
| (22) 23.11.2010 | (22) 03.06.2010 | (47) 23.05.2018 |
| (54) COMPUTED TOMOGRAPHY | (54) OCCLUDER | (87) US2012025480 |
| APPARATUS FOR ODONTOLOGY | (73) Carag AG | 23.08.2012 |
| (73) PLANMECA OY | (72) STEINER, Claudio | (22) 16.02.2012 |
| (72) MÜLLER, Timo | WEISHAUPT, Andreas | (54) APPARATUS FOR SECURING AN |
| (31) 20090444 | HUMMEN, Jörg | OBJECT TO BONE |
| (32) 25.11.2009 | (31) 899092009 | (73) Linvatec Corporation |
| (33) Finland | (32) 10.06.2009 | (72) MCDEVITT, Dennis |
| (51) A61B 8/08 | (33) Switzerland | NOVAK, Vincent |
| (11) EP2146640 | (51) A61B 17/02 | (31) 201113093634 |
| (21) EP07804950.9 | (11) EP2400897 | 201161443342 P |
| (47) 23.05.2018 | (21) EP09765195.4 | 201161443325 P |
| (87) IB2007002746 | (47) 23.05.2018 | (32) 25.04.2011 |
| 20.11.2008 | (87) US2009066425 | 16.02.2011 |
| (22) 16.05.2007 | 02.09.2010 | 16.02.2011 |
| (54) METHOD AND DEVICE FOR | (22) 02.12.2009 | (33) United States of America |
| MEASURING A MEAN VALUE OF | (54) SURGICAL RETRACTOR WITH | United States of America |
| VISCO-ELASTICITY OF A REGION OF | LOCKING BLADE | United States of America |
| INTEREST | (73) Thompson Surgical Instruments, Inc. | (51) A61B 17/06 |
| (73) Super Sonic Imagine | (72) FARLEY, Daniel, K. | A61B 17/00 |
| (72) BERCOFF, Jeremy | NOWAK, Steven | A61L 17/00 |
| SAVERY, David | (31) 391917 | (11) EP2759266 |
| TANTER, Mickaël | (32) 24.02.2009 | (21) EP14152398.5 |
| GENNISON, Jean-Luc | (33) United States of America | (47) 23.05.2018 |
| FINK, Mathias | (51) A61B 17/02 | (22) 24.01.2014 |
| COHEN-BACRIE, Claude | A61F 9/013 | (54) Hydrogel filled barbed suture |
| (51) A61B 8/08 | A61B 90/00 | (73) Covidien LP |
| A61B 8/06 | (11) EP2763592 | (72) Ostapoff, Roland |
| G01S 15/89 | (21) EP12806196.7 | Sargeant, Timothy |
| A61B 8/14 | (47) 23.05.2018 | (31) 201361756630 P |
| (11) EP2900143 | (87) US2012058944 | 201414148960 |
| (21) EP13808222.7 | 11.04.2013 | (32) 25.01.2013 |
| (47) 23.05.2018 | (22) 05.10.2012 | 07.01.2014 |
| (87) IB2013058915 | (54) INSTRUMENTS FOR SURGICAL SIZING | (33) United States of America |
| 03.04.2014 | AND MARKING | United States of America |
| (22) 27.09.2013 | (73) MiniPumps, LLC | (51) A61B 17/068 |
| (54) AUTOMATED BIPLANE-PW | (72) JOURNEY, Michelle L. | A61B 17/072 |
| WORKFLOW FOR ULTRASONIC | SHIH, Jason | (11) EP2786714 |
| STENOSIS ASSESSMENT | CAFFEY, Sean | (21) EP14159847.4 |
| (73) Koninklijke Philips N.V. | HARBERS, Gregory | (47) 23.05.2018 |
| (72) JAGO, James Robertson | (31) 201161543519 P | (22) 14.03.2014 |
| JOHNSON, Keith William | (32) 05.10.2011 | (54) System for operating a surgical instrument |
| SAAD, Ashraf | (33) United States of America | (73) Ethicon LLC |
| HULL, David Allen | (51) A61B 17/04 | (72) Leimbach, Richard L. |
| (31) 201261706165 P | A61F 2/08 | Overmyer, Mark D. |
| (32) 27.09.2012 | (11) EP2967551 | Swensgard, Brett E. |
| (33) United States of America | (21) EP14767894.0 | (31) 201313803159 |
| (51) A61B 8/08 | (47) 23.05.2018 | (32) 14.03.2013 |
| G01S 7/52 | (87) US2014022014 | (33) United States of America |
| G01S 15/89 | 25.09.2014 | (51) A61B 17/068 |
| (11) EP2356941 | (22) 07.03.2014 | A61B 17/072 |
| (21) EP09824855.2 | (54) SYSTEM FOR SECURING TISSUE TO | A61B 17/11 |
| (47) 23.05.2018 | BONE | A61B 17/115 |
| (87) JP2009068995 | (73) ConMed Corporation | (11) EP2954856 |
| 14.05.2010 | (72) HEAVEN, Malcolm | (21) EP15171462.3 |
| (22) 06.11.2009 | GREELIS, John, P. | (47) 23.05.2018 |
| (54) ULTRASONOGRAPHIC SYSTEM | SIRIVONG, Mikxay | (22) 10.06.2015 |
| (73) Canon Kabushiki Kaisha | YUREK, Matthew, T. | (54) DEVICES FOR SEALING STAPLES IN |
| (72) SHIINA, Tsuyoshi | (31) 201361801255 P | TISSUE |

| | | |
|--|--|--|
| (73) Ethicon Endo-Surgery, Inc. | 201361812382 P | (51) A61B 17/12 |
| (72) SHELTON, IV Frederick E. | 201361812376 P | A61B 5/0215 |
| (31) 201414300817 | 201361812372 P | A61M 25/10 |
| (32) 10.06.2014 | 201361812365 P | A61B 8/12 |
| (33) United States of America | 201414248586 | A61B 8/00 |
| (51) A61B 17/072 | (32) 16.04.2013 | A61B 8/08 |
| (11) EP2792313 | 16.04.2013 | (11) EP2687167 |
| (21) EP14164982.2 | 16.04.2013 | (21) EP13176708.9 |
| (47) 23.05.2018 | 16.04.2013 | (47) 23.05.2018 |
| (22) 16.04.2014 | 16.04.2013 | (22) 16.07.2013 |
| (54) Powered linear surgical stapler | 09.04.2014 | (54) Carotid arteries occluding apparatus with first and second occluding balloons |
| (73) Ethicon LLC | (33) United States of America | (73) Zhadkevich, Michael |
| (72) Shelton IV, Frederick E. | United States of America | (72) Zhadkevich, Michael |
| Nalagatla, Anil K. | United States of America | (31) 201261672706 P |
| Kimsey, John S. | United States of America | 201313941756 |
| Baxter III, Chester O. | United States of America | (32) 17.07.2012 |
| Jenkins, Scott A. | United States of America | 15.07.2013 |
| (31) 201361812365 P | (51) A61B 17/072 | (33) United States of America |
| 201361812372 P | A61B 17/115 | United States of America |
| 201361812376 P | A61B 17/00 | (51) A61B 17/22 |
| 201361812382 P | A61B 17/29 | A61B 17/32 |
| 201361812385 P | (11) EP2215977 | A61B 17/3201 |
| 201414248588 | (21) EP10250199.6 | A61B 17/3205 |
| (32) 16.04.2013 | (47) 23.05.2018 | A61B 17/3207 |
| 16.04.2013 | (22) 05.02.2010 | A61N 1/05 |
| 16.04.2013 | (54) Anvil for surgical stapler and method of manufacturing the same | (11) EP1909660 |
| 16.04.2013 | (73) Covidien LP | (21) EP06788509.5 |
| 16.04.2013 | (72) Milliman, Keith L. | (47) 23.05.2018 |
| 09.04.2014 | (31) 150429 P | (87) US2006028960 |
| (33) United States of America | 688870 | 08.02.2007 |
| United States of America | (32) 06.02.2009 | (22) 25.07.2006 |
| United States of America | 16.01.2010 | (54) ENDOCARDIAL LEAD REMOVING APPARATUS |
| United States of America | (33) United States of America | (73) THE SPECTRANETICS CORPORATION |
| United States of America | United States of America | (72) ATWELL, David |
| (51) A61B 17/072 | (51) A61B 17/10 | KAGARISE, Brian |
| A61B 17/064 | (11) EP2755573 | TAYLOR, Kevin |
| A61B 90/00 | (21) EP12831066.1 | BOWE, Wade, A. |
| (11) EP3000407 | (47) 23.05.2018 | REISER, Christopher |
| (21) EP15183383.7 | (87) US2012054363 | HUNKINS, Patrick |
| (47) 23.05.2018 | 21.03.2013 | (31) 190550 |
| (22) 01.09.2015 | (22) 10.09.2012 | 484825 |
| (54) DEVICES AND METHODS FOR STABILIZING FASTENERS POST-DEPLOYMENT | (54) INDEPENDENT GRIPPER | (32) 27.07.2005 |
| (73) Ethicon Endo-Surgery, Inc. | (73) Abbott Cardiovascular Systems Inc. | 11.07.2006 |
| (72) MORGAN, Jerome R. | (72) KETAI, Theodore | (33) United States of America |
| SHELTON, IV, Frederick E. | GREENBERG, Jacob | United States of America |
| SCHELLIN, Emily A. | HALE, Daniel | (51) A61B 17/29 |
| SWAYZE, Jeffrey S. | MISHRA, Tanmay | A61B 18/14 |
| KNIGHT, Gary W. | GONZALES, Gabriel | (11) EP3120790 |
| (31) 201414474653 | BASUDE, Raghuvveer | (21) EP16180768.0 |
| (32) 02.09.2014 | HONG, Michael | (47) 23.05.2018 |
| (33) United States of America | (31) 201113231572 | (22) 22.07.2016 |
| (51) A61B 17/072 | (32) 13.09.2011 | (54) SHAFT-BASED SURGICAL FORCEPS AND METHOD OF MANUFACTURING THE SAME |
| A61B 17/115 | (33) United States of America | (73) Covidien LP |
| (11) EP2792309 | (51) A61B 17/12 | (72) SONI, Purvish |
| (21) EP14164948.3 | (11) EP2665441 | (31) 201514808227 |
| (47) 23.05.2018 | (21) EP12736799.3 | (32) 24.07.2015 |
| (22) 16.04.2014 | (47) 23.05.2018 | (33) United States of America |
| (54) Drive system decoupling arrangement for a surgical instrument | (87) US2012021621 | (51) A61B 17/34 |
| (73) Ethicon LLC | 26.07.2012 | (11) EP2010072 |
| (72) Shelton IV, Frederick E. | (22) 17.01.2012 | (21) EP07760756.2 |
| Stokes, Michael J. | (54) BALLSTENT DEVICE | (47) 23.05.2018 |
| Parihar, Shailendra K. | (73) Metactive Medical, Inc. | (87) US2007066759 |
| Baxter III, Chester O. | (72) FRANANO, F. Nicholas | 25.10.2007 |
| (31) 201361812385 P | STEPHENSON, Katherine J. | (22) 17.04.2007 |
| | (31) 201161433305 P | |
| | (32) 17.01.2011 | |
| | (33) United States of America | |

| | | |
|--|--------------------------------------|--|
| (54) PLEATED TROCAR SEAL | (21) EP17168305.5 | (31) 201100443 |
| (73) Ethicon LLC | (47) 23.05.2018 | (32) 11.01.2011 |
| (72) FRANER, Paul T. | (22) 02.04.2012 | (33) United Kingdom |
| (31) 379168 | (54) POSTERIOR VERTEBRAL PLATING | (51) A61B 18/04 |
| (32) 18.04.2006 | SYSTEM | A61B 18/08 |
| (33) United States of America | (73) Synthes GmbH | A61B 18/14 |
| (51) A61B 17/64 | (72) MONTELLO, Albert A | H05B 3/26 |
| A61B 17/60 | BAE, Hyun W | (11) EP2939625 |
| (11) EP3086725 | STRAUSBAUGH, William L | (21) EP13867810.7 |
| (21) EP13821828.4 | BONNER, Christopher M | (47) 23.05.2018 |
| (47) 23.05.2018 | McDONOUGH, William P | (87) JP2013074951 |
| (87) EP2013077970 | KOCH, David K | 03.07.2014 |
| 02.07.2015 | MILFORD, Jordan N | (22) 13.09.2013 |
| (22) 24.12.2013 | (31) 201161470821 P | (54) THERAPEUTIC TREATMENT DEVICE |
| (54) EXTERNAL FIXATOR | (32) 01.04.2011 | (73) Olympus Corporation |
| (73) Akeso AG | (33) United States of America | (72) YASUNAGA, Shinji |
| (72) TEPIC, Slobodan | (51) A61B 17/88 | (31) 2012285557 |
| (51) A61B 17/70 | A61B 17/70 | (32) 27.12.2012 |
| (11) EP2777571 | A61F 2/44 | (33) Japan |
| (21) EP14159701.3 | (11) EP3003185 | (51) A61B 18/08 |
| (47) 23.05.2018 | (21) EP14804610.5 | (11) EP2833967 |
| (22) 14.03.2014 | (47) 23.05.2018 | (21) EP12766974.5 |
| (54) Reduction instrument, surgical assembly | (87) US2014039951 | (47) 23.05.2018 |
| including a reduction instrument | 04.12.2014 | (87) EP2012069382 |
| (73) Zimmer Biomet Spine, Inc. | (22) 29.05.2014 | 10.10.2013 |
| (72) Barrett, John Christian | (54) INSTRUMENT FOR INSERTING AN | (22) 01.10.2012 |
| Zentko, Michal | INTERSPINOUS PROCESS IMPLANT | (54) IMPLANT DEVICE AND SYSTEM FOR |
| Barry, David | (73) Spinal Simplicity LLC | ABLATION OF A RENAL ARTERIAL |
| Jacobs, Matthew Tobias | (72) FROCK, Melissa | WALL FROM THE INSIDE |
| (31) 201313834364 | FROCK, Adam | (73) MEDICAL DEVELOPMENT |
| (32) 15.03.2013 | (31) 201361828384 P | TECHNOLOGIES S.A. |
| (33) United States of America | (32) 29.05.2013 | (72) SCHWAGTEN, Bruno |
| (51) A61B 17/70 | (33) United States of America | VAN LANGENHOVE, Glenn |
| (11) EP3177220 | (51) A61B 18/00 | (31) PCT/EP2012/055999 |
| (21) EP15741519.1 | A61B 1/307 | (32) 02.04.2012 |
| (47) 23.05.2018 | A61M 25/10 | (33) World Intellectual Property Office (WIPO) |
| (87) EP2015066148 | A61B 17/3203 | (51) A61B 18/08 |
| 11.02.2016 | A61M 25/04 | (11) EP2833968 |
| (22) 15.07.2015 | (11) EP2819599 | (21) EP12770458.3 |
| (54) OSTEOSYNTHESIS DEVICE | (21) EP13754453.2 | (47) 23.05.2018 |
| (73) Silony Medical International AG | (47) 23.05.2018 | (87) EP2012069380 |
| (72) TRAUTWEIN, Frank Thilo | (87) US2013028441 | 10.10.2013 |
| HEUER, Frank | 06.09.2013 | (22) 01.10.2012 |
| OHNMACHT, Timo | (22) 28.02.2013 | (54) IMPLANT DEVICE AND SYSTEM FOR |
| (31) 102014215529 | (54) AUTOMATED IMAGE-GUIDED TISSUE | ABLATION OF A VESSEL'S WALL |
| (32) 06.08.2014 | RESECTION AND TREATMENT | FROM THE INSIDE |
| (33) Germany | (73) Procept Biorobotics Corporation | (73) MEDICAL DEVELOPMENT |
| (51) A61B 17/70 | (72) ALJURI, Nikolai | TECHNOLOGIES S.A. |
| A61B 17/16 | MANTRI, Surag | (72) SCHWAGTEN, Bruno |
| (11) EP3078340 | BAEZ, Luis | VAN LANGENHOVE, Glenn |
| (21) EP15197390.6 | SURJAN, George | (31) PCT/EP2012/055999 |
| (47) 23.05.2018 | SASNETT, Michael W. | (32) 02.04.2012 |
| (22) 01.12.2015 | FOOTE, Jonathan | (33) World Intellectual Property Office (WIPO) |
| (54) ANCHOR AND ROD CONNECTOR | (31) 201261604932 P | (51) A61B 18/14 |
| (73) Zimmer Biomet Spine, Inc. | (32) 29.02.2012 | A61B 18/00 |
| (72) Barry, David | (33) United States of America | A61B 18/12 |
| Buchert, Oliver | (51) A61B 18/00 | (11) EP3106115 |
| Zentko, Michal | A61B 18/14 | (21) EP16174916.3 |
| Grabowsky, Mary Beth | A61B 18/18 | (47) 23.05.2018 |
| (31) 201414556902 | (11) EP2663250 | (22) 17.06.2016 |
| (32) 01.12.2014 | (21) EP12700425.7 | (54) SYSTEMS FOR DETECTING OPENING |
| (33) United States of America | (47) 23.05.2018 | OF THE JAWS OF A VESSEL SEALER |
| (51) A61B 17/70 | (87) GB2012050035 | MID-SEAL |
| A61B 17/80 | 19.07.2012 | (73) Covidien LP |
| A61B 17/86 | (22) 09.01.2012 | (72) RICKE, Anthony D. |
| A61B 17/00 | (54) ELECTROSURGICAL INSTRUMENT | MCHENRY, Jennifer R. |
| (11) EP3228269 | (73) Creo Medical Limited | (31) 201562181902 P |
| | (72) HANCOCK, Christopher Paul | 201615173023 |

| | | |
|--|--|---|
| (32) 19.06.2015 03.06.2016 | A61B 34/37 A61B 34/30 | (73) Koninklijke Philips N.V. |
| (33) United States of America United States of America | A61B 1/018 A61B 17/00 | (72) ELHAWARY, Haytham POPOVIC, Aleksandra CHAN, Raymond MANZKE, Robert |
| (51) A61B 34/00 A61B 90/00 A61B 34/30 A61B 1/00 B25J 3/00 B25J 18/06 G02B 23/24 | (11) EP2735278 (21) EP14150662.6 (47) 23.05.2018 (22) 20.12.2006 (54) Articulate and swappable endoscope for a surgical robot | (31) 201161566762 P (32) 05.12.2011 (33) United States of America |
| (11) EP3025630 (21) EP14828977.0 (47) 23.05.2018 (87) JP2014068976 29.01.2015 | (73) Intuitive Surgical Operations, Inc. (72) Hasser, Christopher Swarup, Nitish Cooper, Thomas Anderson, Christopher S | (51) A61C 3/02 B23C 5/10 (11) EP3081186 (21) EP15163782.4 (47) 23.05.2018 (22) 16.04.2015 (54) CUTTING INSTRUMENT, IN PARTICULAR A DENTAL CUTTING INSTRUMENT |
| (22) 17.07.2014 (54) MANIPULATOR SYSTEM (73) Olympus Corporation (72) TAKAHASHI, Keigo HIDA, Masatoshi | (31) 319011 (32) 27.12.2005 (33) United States of America | (73) DENTSPLY SIRONA Inc. (72) Delval, Alain |
| (31) 2013155881 (32) 26.07.2013 (33) Japan | (51) A61B 46/00 (11) EP2525733 (21) EP11733522.4 (47) 23.05.2018 (87) US2011021516 21.07.2011 | (51) A61C 5/50 A61K 6/00 A61K 6/083 (11) EP2547310 (21) EP11711184.9 (47) 23.05.2018 (87) US2011028031 22.09.2011 |
| (51) A61B 34/00 G06F 19/00 G06T 7/00 A61M 5/142 | (22) 18.01.2011 (54) STERILE RADIATION SHIELD DRAPE, COMBINATION OF A RADIATION SHIELD AND STERILE DRAPE THEREFOR AND METHOD OF PROVIDING A STERILE DRAPE ABOUT A RADIATION SHIELD | (22) 11.03.2011 (54) COMPOSITIONS FOR ENDODONTIC INSTRUMENTS (73) DENTSPLY SIRONA Inc. (72) BERGER, Todd (31) 314255 P (32) 16.03.2010 (33) United States of America |
| (11) EP3177227 (21) EP14759110.1 (47) 23.05.2018 (87) EP2014066916 11.02.2016 (22) 06.08.2014 (54) BRAIN SHIFT COMPENSATION FOR CATHETER TRAJECTORY PLANNING | (73) TIDI Products, LLC (72) CZOP, Michael, W. SOKOLOWSKI, Nathan, M. TOURE, Samba WEAVER, Richard, A. BYERS, Terry, M. | (31) 314255 P (32) 16.03.2010 (33) United States of America |
| (73) Brainlab AG (72) RODRÍGUEZ PONCE, Maria Inmaculada | (31) 295871 P (32) 18.01.2010 (33) United States of America | (51) A61C 7/28 (11) EP3119348 (21) EP15709673.6 (47) 23.05.2018 (87) EP2015055135 24.09.2015 |
| (51) A61B 34/30 A61B 18/14 A61B 18/12 | (51) A61B 90/00 (11) EP2155081 (21) EP08744996.3 (47) 23.05.2018 (87) US2008059227 16.10.2008 | (22) 12.03.2015 (54) KIT FOR AN ORTHOPEDIC BRACKET (73) Von Mandach, Christoph (72) Von Mandach, Christoph (31) 411142014 (32) 18.03.2014 (33) Switzerland |
| (11) EP2967721 (21) EP14708177.2 (47) 23.05.2018 (87) US2014016413 09.10.2014 | (22) 03.04.2008 (54) HAND ASSISTED LAPAROSCOPIC SEAL ASSEMBLY WITH DETACHABLE ATTACHMENT RING | (51) A61C 7/28 A61C 7/30 (11) EP1684658 (21) EP04794527.4 (47) 23.05.2018 (87) US2004033206 19.05.2005 |
| (22) 14.02.2014 (54) ELECTROSURGICAL DEVICE WITH DISPOSABLE SHAFT HAVING TRANSLATING GEAR AND SNAP FIT | (73) Ethicon LLC (72) PARIHAR, Shailendra K. MARTIN, David T. JOHNSON, Gregory W. WHITE, William J. LYTLE, Thomas W., IV HARRIS, Jason L. STOKES, Michael J. VAKHARIA, Omar J. | (22) 07.10.2004 (54) ORTHODONTIC APPLIANCE WITH LATCH FOR RETAINING AN ARCHWIRE (73) 3M Innovative Properties Company (72) CINADER, David K., Jr. POSPISIL, Jirina V. CLEARY, James D. |
| (31) 201313798663 (32) 13.03.2013 (33) United States of America | (31) 730922 (32) 04.04.2007 (33) United States of America | (31) 698285 (32) 31.10.2003 (33) United States of America |
| (51) A61B 34/35 A61B 1/008 A61B 1/00 A61B 1/005 A61B 1/05 A61B 34/00 | (51) A61B 90/00 (11) EP2787918 (21) EP12812384.1 (47) 23.05.2018 (87) IB2012056687 13.06.2013 (22) 23.11.2012 (54) POSITIONING AND ORIENTATION OF SURGICAL TOOLS DURING PATIENT SPECIFIC PORT PLACEMENT | (51) A61C 8/00 |

| | | |
|-----------------------------------|---------------------------------------|---------------------------------------|
| (11) EP2696797 | 201161475331 P | (32) 18.07.2014 |
| (21) EP12713742.0 | (32) 14.04.2011 | (33) Austria |
| (47) 23.05.2018 | 14.04.2011 | (51) A61C 13/15 |
| (87) EP2012056724 | 14.04.2011 | (11) EP2895106 |
| 18.10.2012 | 14.04.2011 | (21) EP13766215.1 |
| (22) 12.04.2012 | 14.04.2011 | (47) 23.05.2018 |
| (54) Dental Implant | 14.04.2011 | (87) US2013059686 |
| (73) Dentsply IH AB | 14.04.2011 | 20.03.2014 |
| (72) HANSSON, Stig | 14.04.2011 | (22) 13.09.2013 |
| HALLDIN, Anders | (33) European Patent Office (EPO) | (54) DENTAL IRRADIATION DEVICE AND |
| (31) 11162468 | European Patent Office (EPO) | SYSTEM |
| 201161475331 P | European Patent Office (EPO) | (73) 3M Innovative Properties Company |
| (32) 14.04.2011 | European Patent Office (EPO) | (72) GRAMANN, Jens |
| 14.04.2011 | United States of America | WELKER, Stefan K. |
| (33) European Patent Office (EPO) | United States of America | MÜLLER, Thomas |
| United States of America | United States of America | SCHEPKE-GERLACH, Korbinian |
| (51) A61C 8/00 | United States of America | KELZ, Ralf |
| (11) EP2696795 | (51) A61C 8/00 | WATZEK, Karin |
| (21) EP12713174.6 | A61B 17/16 | HARRE, Manfred |
| (47) 23.05.2018 | A61C 1/00 | SCHMID, Rudolf |
| (87) EP2012056722 | A61C 1/18 | (31) 12184443 |
| 18.10.2012 | (11) EP3120802 | (32) 14.09.2012 |
| (22) 12.04.2012 | (21) EP15177428.8 | (33) European Patent Office (EPO) |
| (54) A SET OF FIXTURES | (47) 23.05.2018 | (51) A61C 13/34 |
| (73) Dentsply IH AB | (22) 20.07.2015 | (11) EP1906862 |
| (72) HANSSON, Stig | (54) MEDICAL, IN PARTICULAR DENTAL | (21) EP06785810.0 |
| HALLDIN, Anders | DEVICE, FOR DETERMINING THE | (47) 23.05.2018 |
| (31) 11162481 | QUALITY OF A BONE | (87) US2006025292 |
| 201161475327 P | (73) W & H Dentalwerk Bürmoos GmbH | 11.01.2007 |
| (32) 14.04.2011 | (72) PLOY, Gernot | (22) 29.06.2006 |
| 14.04.2011 | BRUGGER, Dr., Wilhelm | (54) METHOD OF CREATING A DENTAL |
| (33) European Patent Office (EPO) | (51) A61C 9/00 | LABORATORY MODEL |
| United States of America | A61C 5/64 | (73) Biomet 3i, LLC |
| (51) A61C 8/00 | (11) EP2869783 | (72) POWELL, Theodore, M. |
| (11) EP2699191 | (21) EP13733537.8 | AMBER, John, T. |
| (21) EP12718114.7 | (47) 23.05.2018 | BERCKMANS, III, Bruce |
| (47) 23.05.2018 | (87) US2013048104 | SUTTIN, Zachary, B. |
| (87) EP2012056723 | 09.01.2014 | (31) 695501 P |
| 18.10.2012 | (22) 27.06.2013 | (32) 30.06.2005 |
| (22) 12.04.2012 | (54) DEVICE FOR DISPENSING A DENTAL | (33) United States of America |
| (54) FIXTURE DEVICE | MATERIAL AND A CARTRIDGE FOR | (51) A61C 17/34 |
| (73) Dentsply IH AB | USE WITH THE DEVICE | A61C 17/22 |
| (72) HANSSON, Stig | (73) 3M Innovative Properties Company | (11) EP1643932 |
| HALLDIN, Anders | (72) GRAMANN, Jens | (21) EP04778279.2 |
| (31) 11162464 | SCHEPKE-GERLACH, Korbinian | (47) 23.05.2018 |
| 201161475329 P | HARRE, Manfred | (87) US2004022701 |
| (32) 14.04.2011 | JELOVAC, Emir | 03.02.2005 |
| 14.04.2011 | KELZ, Ralf | (22) 15.07.2004 |
| (33) European Patent Office (EPO) | DÖNMEZ, Özcan | (54) ELECTRIC TOOTHBRUSHES HAVING |
| United States of America | RICHTER, Christian A. | MOVABLE, INTERMITTENTLY |
| (51) A61C 8/00 | (31) 12174834 | MOVABLE, AND FIXED BRISTLES |
| (11) EP2696799 | (32) 03.07.2012 | (73) Church & Dwight Co., Inc. |
| (21) EP12716336.8 | (33) European Patent Office (EPO) | (72) PING, Wang |
| (47) 23.05.2018 | (51) A61C 13/00 | CHAN, John, Geoffrey |
| (87) EP2012056725 | A61C 13/12 | (31) 487670 P |
| 18.10.2012 | F27B 17/02 | 780365 |
| (22) 12.04.2012 | F27D 5/00 | (32) 16.07.2003 |
| (54) A FIXTURE | A61C 13/20 | 17.02.2004 |
| (73) Dentsply IH AB | B22F 3/10 | (33) United States of America |
| (72) HANSSON, Stig | (11) EP2974689 | United States of America |
| HALLDIN, Anders | (21) EP15002103.8 | (51) A61F 2/00 |
| (31) 11162478 | (47) 23.05.2018 | A61B 17/42 |
| 11162481 | (22) 15.07.2015 | (11) EP3115020 |
| 11162464 | (54) ASSEMBLY FOR SINTERING A DENTAL | (21) EP16178607.4 |
| 11162468 | WORK PIECE | (47) 23.05.2018 |
| 201161475324 P | (73) STEGER, Heinrich | (22) 04.08.2014 |
| 201161475327 P | (72) STEGER, Heinrich | (54) HYSTEROPEXY MESH APPARATUSES |
| 201161475329 P | (31) 5692014 | (73) Coloplast A/S |

| | | |
|--|---------------------------------------|---|
| (72) SHARIATI, Amir | (33) United States of America | DOREAU, Julien |
| (31) 201361862386 P | (51) A61F 2/16 | HERRMANN, Christine |
| 201414449459 | (11) EP2983619 | (31) 201161523981 P |
| (32) 05.08.2013 | (21) EP14834322.1 | (32) 16.08.2011 |
| 01.08.2014 | (47) 23.05.2018 | (33) United States of America |
| (33) United States of America | (87) US2014044246 | (51) A61F 2/46 |
| United States of America | 12.02.2015 | A61F 2/30 |
| (51) A61F 2/01 | (22) 26.06.2014 | (11) EP2915508 |
| (11) EP3229727 | (54) SURGICAL GUIDANCE AND PLANNING | (21) EP15157853.1 |
| (21) EP15808465.7 | SOFTWARE FOR ASTIGMATISM | (47) 23.05.2018 |
| (47) 23.05.2018 | TREATMENT | (22) 05.03.2015 |
| (87) IB2015059273 | (73) Novartis AG | (54) IMPACTOR DEVICE FOR AN INSERT |
| 16.06.2016 | (72) CHAUDHARY, Gautam | MEMBER |
| (22) 02.12.2015 | HOLLADAY, Jack T. | (73) XNOV IP |
| (54) ENDOLUMINAL FILTER DESIGN | SARAYBA, Melvin | (72) Biegun, Jean-François |
| VARIATIONS | SRASS, Hadi | Biegun, Frédérique |
| (73) Koninklijke Philips N.V. | (31) 201361863018 P | Loehle, Pascal |
| Volcano Corporation | 201414312187 | (31) 1400563 |
| (72) JOHNSON, Eric | (32) 07.08.2013 | (32) 07.03.2014 |
| STIGALL, Jeremy | 23.06.2014 | (33) France |
| PHILIPS, Jason | (33) United States of America | (51) A61F 2/88 |
| (31) 201462090580 P | United States of America | A61F 2/91 |
| (32) 11.12.2014 | (51) A61F 2/24 | (11) EP2967933 |
| (33) United States of America | A61B 17/02 | (21) EP14744147.1 |
| (51) A61F 2/06 | (11) EP2948099 | (47) 23.05.2018 |
| A61F 2/82 | (21) EP14701417.9 | (87) IB2014001121 |
| (11) EP2007314 | (47) 23.05.2018 | 18.09.2014 |
| (21) EP07757185.9 | (87) EP2014051542 | (22) 14.03.2014 |
| (47) 23.05.2018 | 31.07.2014 | (54) HELICAL HYBRID STENT |
| (87) US2007062390 | (22) 27.01.2014 | (73) Medinol Ltd. |
| 11.10.2007 | (54) TEMPORARY ATRIUM SUPPORT | (72) RICHTER, Jacob |
| (22) 19.02.2007 | DEVICE | WEIZMAN, Oleg |
| (54) CUSTOMIZED ALLOYS FOR STENTS | (73) Medtentia International Ltd Oy | BELOBROVY, Igor |
| (73) Medtronic Vascular, Inc. | (72) KERÄNEN, Olli | (31) 201313829153 |
| (72) KRIVORUCHKO, Michael | VIRTANEN, Jani | (32) 14.03.2013 |
| LESSAR, Joseph | PUGH, Mark | (33) United States of America |
| FRANCIS, Richard | O'CARROLL, Ger | (51) A61F 2/95 |
| BIRDSALL, Matthew | MORAN, Adrian | A61F 2/966 |
| UNTEREKER, Darrel | (31) 13152771 | (11) EP3040055 |
| ALLEN, Jeffrey | 201361756663 P | (21) EP15198073.7 |
| (31) 278052 | (32) 25.01.2013 | (47) 23.05.2018 |
| (32) 30.03.2006 | 25.01.2013 | (22) 04.12.2015 |
| (33) United States of America | (33) European Patent Office (EPO) | (54) CRIMPING METHOD AND CRIMPING |
| (51) A61F 2/07 | United States of America | STRUCTURE FOR ENDOVASCULAR |
| (11) EP2740441 | (51) A61F 2/38 | STENT |
| (21) EP13275292.4 | A61F 2/46 | (73) Shanghai Bio-Heart Biological Technology |
| (47) 23.05.2018 | (11) EP2744452 | Co., Ltd. |
| (22) 03.12.2013 | (21) EP12727904.0 | Fu Wai Hospital, Cams & Punc |
| (54) Paraplegia prevention stent graft | (47) 23.05.2018 | (72) ZHAO, Yinghong |
| (73) Cook Medical Technologies LLC | (87) GB2012051271 | WU, Yongjian |
| (72) Roeder, Blayne A. | 21.02.2013 | XU, Bo |
| Ivancev, Krasnodar | (22) 06.06.2012 | (31) 201410854547 |
| (31) 201213707323 | (54) ATTACHMENT MECHANISM | (32) 30.12.2014 |
| (32) 06.12.2012 | (73) DePuy Ireland Unlimited Company | (33) China |
| (33) United States of America | (72) MARTER, Alex | (51) A61F 2/966 |
| (51) A61F 2/16 | (31) 201114059 | (11) EP3128962 |
| (11) EP2255752 | (32) 16.08.2011 | (21) EP15717370.9 |
| (21) EP10169649.0 | (33) United Kingdom | (47) 23.05.2018 |
| (47) 23.05.2018 | (51) A61F 2/44 | (87) US2015024535 |
| (22) 10.11.2004 | (11) EP3123982 | 15.10.2015 |
| (54) MULTI-ZONAL MONOFOCAL | (21) EP16189450.6 | (22) 06.04.2015 |
| INTRAOCULAR LENS FOR | (47) 23.05.2018 | (54) IMPLANT DELIVERY SYSTEM |
| CORRECTING OPTICAL ABERRATIONS | (22) 16.08.2012 | (73) Stryker Corporation |
| (73) Abbott Medical Optics Inc. | (54) EXPANDABLE IMPLANT | Stryker European Holdings I, LLC |
| (72) Lang, Alan, J. | (73) Stryker European Holdings I, LLC | (72) KHENANSHO, Michael |
| Zhao, Huawei | (72) ALHEIDT, Thomas | (31) 201461976653 P |
| (31) 705548 | MILZ, BRYAN, D. | (32) 08.04.2014 |
| (32) 10.11.2003 | BOLJONIS, Dan | |

| | | |
|-------------------------------------|--|-------------------------------|
| (33) United States of America | (33) Germany | (72) ELFSTRÖM, Allan |
| (51) A61F 2/966 | (51) A61F 13/00 | BOSAEUS, Mattias |
| A61F 2/95 | (11) EP3123988 | (31) 201022028 |
| (11) EP2512385 | (21) EP15178915.3 | (32) 23.12.2010 |
| (21) EP10796531.1 | (47) 23.05.2018 | (33) United Kingdom |
| (47) 23.05.2018 | (22) 29.07.2015 | (51) A61F 13/49 |
| (87) US2010059661 | (54) BIOLOGICAL FIBER COMPOSITE | A61F 13/15 |
| 14.07.2011 | DRESSING | (11) EP3058917 |
| (22) 09.12.2010 | (73) Harvest Belle Biotech | (21) EP16164980.1 |
| (54) DELIVERY SYSTEM WITH | (72) LU, Chi-Hsiang | (47) 23.05.2018 |
| RETRACTABLE PROXIMAL END | (51) A61F 13/02 | (22) 12.04.2016 |
| (73) Cook Medical Technologies LLC | (11) EP2931197 | (54) METHOD OF MANUFACTURING |
| (72) BOWE, Jason, S. | (21) EP13792344.7 | ABSORBENT ARTICLE |
| (31) 287511 P | (47) 23.05.2018 | (73) Unicharm Corporation |
| (32) 17.12.2009 | (87) EP2013073815 | (72) Morizane, Naoto |
| (33) United States of America | 26.06.2014 | Seto, Hidenao |
| (51) A61F 5/01 | (22) 14.11.2013 | (31) 2016078477 |
| A61F 5/058 | (54) WOUND DRESSING THAT CAN BE CUT | (32) 08.04.2016 |
| (11) EP3138539 | TO SIZE | (33) Japan |
| (21) EP16186759.3 | (73) Paul Hartmann AG | (51) A61F 13/49 |
| (47) 23.05.2018 | (72) CROIZAT, Pierre | A61F 13/495 |
| (22) 01.09.2016 | ECKSTEIN, Axel | A61F 13/511 |
| (54) ORTHOSIS WITH ORTHOSIS CLOSURE | HOFSTETTER, Jürgen | A61F 13/494 |
| (73) Thuasne Deutschland GmbH | (31) 102012223399 | (11) EP2826451 |
| (72) SCHÖBEL, Herbert | (32) 17.12.2012 | (21) EP12870966.4 |
| (31) 202015006252 U | (33) Germany | (47) 23.05.2018 |
| (32) 03.09.2015 | (51) A61F 13/04 | (87) JP2012056715 |
| (33) Germany | D04B 21/12 | 19.09.2013 |
| (51) A61F 5/058 | (11) EP2789320 | (22) 15.03.2012 |
| (11) EP2480181 | (21) EP13001924.3 | (54) ABSORBER ARTICLE |
| (21) EP10751936.5 | (47) 23.05.2018 | (73) Daio Paper Corporation |
| (47) 23.05.2018 | (22) 12.04.2013 | (72) SUZUKI, Migaku |
| (87) EP2010063144 | (54) Knit fabric for orthopedic support material | HIRAI, Yoshio |
| 31.03.2011 | (73) 3M Innovative Properties Company | (51) A61F 13/53 |
| (22) 08.09.2010 | (72) Tomza, Pawel Andrzej | A61F 13/511 |
| (54) FIXING ELEMENT AND USE OF SUCH | (51) A61F 13/15 | A61L 15/22 |
| AN ELEMENT FOR FIXATION OF | A61F 13/494 | A61L 15/18 |
| OBJECTS, IN PARTICULAR LIMBS | A61F 13/512 | A61L 15/60 |
| (73) Chrisofix AG | (11) EP2907491 | D01D 5/30 |
| (72) BOLLA, Kalman | (21) EP12886315.6 | D01D 5/253 |
| (31) 14592009 | (47) 23.05.2018 | (11) EP3170483 |
| 1772010 | (87) JP2012076389 | (21) EP16807752.7 |
| (32) 22.09.2009 | 17.04.2014 | (47) 23.05.2018 |
| 12.02.2010 | (22) 12.10.2012 | (87) KR2016005988 |
| (33) Switzerland | (54) ABSORBENT PRODUCT PROVIDED | 15.12.2016 |
| Switzerland | WITH BODY-FLUID RECEIVING | (22) 07.06.2016 |
| (51) A61F 5/56 | CANALS | (54) METHOD FOR MANUFACTURING |
| A61M 16/00 | (73) Daio Paper Corporation | ABSORBENT CORE HAVING |
| A61B 7/00 | (72) SUZUKI, Migaku | ENHANCED WET STRENGTH |
| A61B 5/087 | HIRAI, Yoshio | (73) LG Chem, Ltd. |
| (11) EP1558185 | (51) A61F 13/42 | (72) KIM, Young Sam |
| (21) EP03769410.6 | (11) EP2654648 | YOO, Joo-Hwan |
| (47) 23.05.2018 | (21) EP11807681.9 | (31) 20150081162 |
| (87) EP2003011524 | (47) 23.05.2018 | 20160044888 |
| 29.04.2004 | (87) EP2011073456 | (32) 09.06.2015 |
| (22) 17.10.2003 | 28.06.2012 | 12.04.2016 |
| (54) METHOD AND DEVICE FOR CARRYING | (22) 20.12.2011 | (33) Korea (Republic) |
| OUT A SIGNAL-PROCESSING VIEWING | (54) TOOL FOR ANALYSING LIQUID | Korea (Republic) |
| OF A MEASUREMENT SIGNAL THAT IS | DISCHARGE DATA IN AN ABSORBENT | (51) A61F 13/537 |
| CORRELATED TO THE RESPIRATORY | ARTICLE, AN ABSORBENT ARTICLE | A61L 15/24 |
| ACTIVITY OF AN INDIVIDUAL | ADAPTED FOR LIQUID DISCHARGE | B32B 3/24 |
| (73) ResMed R&D Germany GmbH | DATA COLLECTION AND A | B32B 5/26 |
| (72) MADAUS, Stefan | CONTROL UNIT INTERACTING WITH | D04H 5/06 |
| MEIER, Jörg | THE ABSORBENT ARTICLE FOR | (11) EP3076913 |
| HEIDMANN, Dieter | COLLECTING THE LIQUID DISCHARGE | (21) EP13898600.5 |
| SCHNEIDER, Hartmut | DATA | (47) 23.05.2018 |
| (31) 10248590 | (73) Sca Hygiene Products AB | (87) SE2013051432 |
| (32) 17.10.2002 | | 11.06.2015 |

| | | |
|---|--|--|
| (22) 03.12.2013 | (31) 201261684275 P | (73) Koninklijke Philips N.V. |
| (54) ABSORBENT ARTICLE HAVING ACQUISITION LAYER | 201313963245 | (72) AELEN, Paul |
| (73) Sca Hygiene Products AB | (32) 17.08.2012 | VAN ROOIJ, Willem-Jan |
| (72) ANDERSSON, Patrik | 09.08.2013 | WOERLEE, Pierre Hermanus |
| ABBAS, Shabira | (33) United States of America | PAULUSSEN, Igor Wilhelmus Franciscus |
| GRAHN, Louise | United States of America | (31) 201361768691 P |
| (51) A61G 5/02 | (51) A61G 7/10 | (32) 25.02.2013 |
| A61G 5/10 | (11) EP3130322 | (33) United States of America |
| (11) EP2895129 | (21) EP15180507.4 | (51) A61J 1/05 |
| (21) EP13734954.4 | (47) 23.05.2018 | A61J 1/14 |
| (47) 23.05.2018 | (22) 11.08.2015 | B65D 51/00 |
| (87) CH2013000111 | (54) BATH LIFT DEVICE | (11) EP3106145 |
| 03.01.2014 | (73) Invacare International Sàrl | (21) EP16162194.1 |
| (22) 24.06.2013 | (72) ZIMMERLE, Jürgen | (47) 23.05.2018 |
| (54) WHEELCHAIR | KEPPLER, Martin | (22) 01.07.2014 |
| (73) Isik, Hasan Hüseyin | (51) A61H 1/02 | (54) VIAL CAP |
| (72) Isik, Hasan Hüseyin | (11) EP3135265 | (73) Taisei Kako Co., Ltd. |
| (31) 902122012 | (21) EP15183210.2 | (72) OGAWA, Yukihiko |
| (32) 27.06.2012 | (47) 23.05.2018 | MIYATAKE, Satoshi |
| (33) Switzerland | (22) 31.08.2015 | (31) 2013180913 |
| (51) A61G 5/14 | (54) HIP JOINT SELF-TREATMENT DEVICE AND USE THEREOF | (32) 02.09.2013 |
| A61F 2/60 | (73) Oü, Prelab | (33) Japan |
| A61G 5/00 | (72) Eriksson, Björn | (51) A61J 1/20 |
| A61H 3/00 | (51) A61H 23/02 | A61M 39/00 |
| A61H 3/04 | A43B 3/00 | (11) EP2644180 |
| (11) EP2914230 | A61N 1/04 | (21) EP13173475.8 |
| (21) EP13850036.8 | A43B 7/00 | (47) 23.05.2018 |
| (47) 23.05.2018 | A43B 7/14 | (22) 12.04.2011 |
| (87) CA2013050836 | A43B 13/00 | (54) Connector device |
| 08.05.2014 | A43B 17/00 | (73) F. Hoffmann-La Roche AG |
| (22) 01.11.2013 | A43B 19/00 | (72) Müller, Marcel |
| (54) MOBILITY SYSTEM INCLUDING AN EXOSKELETON ASSEMBLY RELEASABLY SUPPORTED ON A WHEELED BASE | A61N 2/06 | Ducret, Maurice |
| (73) British Columbia Institute of Technology | A61H 1/00 | (51) A61J 3/00 |
| (72) BORISOFF, Jaimie | A61H 39/00 | A61J 1/20 |
| RAFER, Vince | A61F 5/01 | (11) EP2929867 |
| (31) 201261721091 P | A61F 5/14 | (21) EP13862749.2 |
| (32) 01.11.2012 | A61N 1/20 | (47) 23.05.2018 |
| (33) United States of America | A61N 1/32 | (87) JP2013081628 |
| (51) A61G 7/00 | (11) EP1608303 | 19.06.2014 |
| (11) EP2952167 | (21) EP04718493.2 | (22) 25.11.2013 |
| (21) EP14198196.9 | (47) 23.05.2018 | (54) COUPLING DEVICE |
| (47) 23.05.2018 | (87) US2004006864 | (73) Nipro Corporation |
| (22) 16.12.2014 | 23.09.2004 | (72) KUBO, Tomohiko |
| (54) Washing bed | (22) 08.03.2004 | (31) 2012269015 |
| (73) Zinselmeier, Reinhard | (54) APPARATUS FOR IMPROVING HUMAN BALANCE AND GAIT AND PREVENTING FOOT INJURY | (32) 10.12.2012 |
| (72) Zinselmeier, Reinhard | (73) Trustees of Boston University | (33) Japan |
| (31) 202014102635 U | (72) HARRY, Jason, D. | (51) A61K 6/083 |
| (32) 05.06.2014 | COLLINS, James, J. | A61K 6/02 |
| (33) Germany | NIEMI, James, B. | A61K 6/00 |
| (51) A61G 7/002 | PRIPLATA, Attila, A. | (11) EP3064194 |
| A61G 7/018 | KLESHINSKI, Stephen, J. | (21) EP14857644.0 |
| A61G 7/015 | (31) 452044 P | (47) 23.05.2018 |
| A61G 7/057 | (32) 06.03.2003 | (87) JP2014005452 |
| A61G 7/05 | (33) United States of America | 07.05.2015 |
| (11) EP2698137 | (51) A61H 31/00 | (22) 28.10.2014 |
| (21) EP13180474.2 | (11) EP2958535 | (54) DENTAL COLOR TONE ADJUSTMENT MATERIAL KIT |
| (47) 23.05.2018 | (21) EP14706341.6 | (73) Kuraray Noritake Dental Inc. |
| (22) 14.08.2013 | (47) 23.05.2018 | (72) KITA, Hirota |
| (54) Variable width hospital bed | (87) IB2014058827 | TERAKAWA, Eiichi |
| (73) Hill-Rom Services, Inc. | 28.08.2014 | OSHITA, Mizuko |
| (72) Thodupunuri, Mahesh Kumar | (22) 06.02.2014 | (31) 2013226302 |
| Ruschke, Jeffrey A | (54) AUTOMATED CARDIO PULMONARY RESUSCITATION DEVICE WITH A RIGHT ANGLE ROPE AND PULLEY ASSEMBLY | (32) 31.10.2013 |
| Potter, Victor | | (33) Japan |
| Lubbers, David P | | (51) A61K 8/19 |
| | | A61K 8/25 |
| | | A61K 8/29 |

| | | |
|-----------------------------------|---|-------------------------------------|
| A61K 8/89 | (54) CATALYST SYSTEM FOR THE | (54) BIOACTIVE COMPOSITIONS HAVING |
| A61Q 1/10 | PREPARATION OF AN ESTER AND | HAIR ANTI AGING ACTIVITY |
| A61Q 1/12 | PROCESSES EMPLOYING THIS ESTER | (73) ISP Investments Inc. |
| A61Q 5/12 | (73) Emery Oleochemicals GmbH | (72) DUEVA-KOGANOV, Olga V |
| A61Q 17/04 | (72) DAUTE, Peter | KOGANOV, Michael |
| A61Q 19/00 | SCHÄFER, Martin | RICHARDS, Jeanette |
| C09C 3/12 | SCHWEICHLER, Thomas | DAWSON, Tom |
| A61Q 1/02 | (31) 102009060813 | COMBS, Mary Jane |
| A61Q 1/04 | (32) 30.12.2009 | (31) 201161579155 P |
| A61Q 3/02 | (33) Germany | (32) 22.12.2011 |
| A61Q 5/02 | (51) A61K 8/45 | (33) United States of America |
| A61K 8/02 | A61Q 9/02 | (51) A61K 9/00 |
| A61K 8/891 | A61Q 19/00 | A61K 9/12 |
| (11) EP2939652 | B26B 21/44 | A61K 38/48 |
| (21) EP12891123.7 | (11) EP2517693 | A61M 31/00 |
| (47) 23.05.2018 | (21) EP11163702.1 | (11) EP2731590 |
| (87) JP2012008345 | (47) 23.05.2018 | (21) EP12811983.1 |
| 03.07.2014 | (22) 26.04.2011 | (47) 23.05.2018 |
| (22) 26.12.2012 | (54) Hair removal device comprising a modifying | (87) US2012046089 |
| (54) METHODS FOR PRODUCING A | surfactant | 17.01.2013 |
| COSMETIC SURFACE-TREATED | (73) The Gillette Company LLC | (22) 10.07.2012 |
| POWDER AND FOR PRODUCING | (72) Stephens, Alison, Fiona | (54) METHODS AND APPARATUS FOR |
| A COSMETIC COMPOSITION | Baxter, Elaine, Alice, Marie | DELIVERING A THERAPEUTIC AGENT |
| COMPRISING SAME | Brooks, Alan | TO NASOPHARYNGEAL MUCOSA |
| (73) Miyoshi Kasei, Inc. | (51) A61K 8/49 | TARGETS |
| (72) HASEGAWA, Yukio | A61K 8/63 | (73) The Foundry, LLC |
| (51) A61K 8/365 | A61Q 11/00 | (72) MORISS, John |
| A61K 8/26 | (11) EP2793832 | REICH, Cary |
| A61K 8/49 | (21) EP11875594.1 | GIFFORD, Hanson |
| A61Q 15/00 | (47) 23.05.2018 | (31) 201161507417 P |
| (11) EP2934460 | (87) US2011066482 | (32) 13.07.2011 |
| (21) EP13805388.9 | 25.07.2013 | (33) United States of America |
| (47) 23.05.2018 | (22) 21.12.2011 | (51) A61K 9/00 |
| (87) EP2013076652 | (54) ORAL CARE COMPOSITIONS | A61K 9/20 |
| 26.06.2014 | (73) Brigham Young University | A61K 9/28 |
| (22) 16.12.2013 | (72) VAZQUEZ, Joe | A61K 31/606 |
| (54) TEXTILE-SPARING, NON-AEROSOL | CHEN, Dandan | A61K 47/32 |
| ANTIPERSPIRANTS WITH | TRIVEDI, Harsh M. | A61K 47/36 |
| HYDROXYCARBOXYLIC ACIDS | MEHRETEAB, Ammanuel | A61K 31/196 |
| (73) Henkel AG & Co. KGaA | DU-THUMM, Laurence | A61K 31/616 |
| (72) BANOWSKI, Bernhard | SZEWCZYK, Gregory | (11) EP3189830 |
| CLAAS, Marcus | HAO, Zhigang | (21) EP17156227.5 |
| BREUER, Imme | (51) A61K 8/64 | (47) 23.05.2018 |
| KROPF, Christian | A61Q 5/12 | (22) 29.04.2013 |
| (31) 102012224156 | (11) EP2830583 | (54) A DELAYED RELEASE DRUG |
| (32) 21.12.2012 | (21) EP13711886.5 | FORMULATION |
| (33) Germany | (47) 23.05.2018 | (73) Tillotts Pharma AG |
| (51) A61K 8/37 | (87) EP2013056021 | (72) BRAVO GONZÁLEZ, Roberto Carlos |
| B01J 8/18 | 03.10.2013 | BUSER, Thomas |
| B01J 8/20 | (22) 22.03.2013 | GOUTTE, Frédéric Jean-Claude |
| B01J 8/38 | (54) HAIR CONDITIONING COMPOSITION | BASIT, Abdul, Waseh |
| B01J 19/00 | FOR PERMANENT AND SEMI- | VARUM, Felipe, José, Oliveria |
| C09K 8/035 | PERMANENT HAIR COLORATION | FREIRE, Ana, Cristina |
| C08K 5/101 | APPLICATIONS | (31) 12166110 |
| C10M 129/70 | (73) Clariant International Ltd | 201261640217 P |
| A61K 8/44 | (72) DAHMS, Gerd Herbert | (32) 30.04.2012 |
| A61Q 19/00 | (31) 12161349 | 30.04.2012 |
| A61K 8/86 | (32) 26.03.2012 | (33) European Patent Office (EPO) |
| A61K 8/06 | (33) European Patent Office (EPO) | United States of America |
| C07C 67/08 | (51) A61K 8/9789 | (51) A61K 9/00 |
| A61K 8/33 | A61Q 5/00 | A61K 47/02 |
| C09D 7/63 | (11) EP2793846 | A61K 47/18 |
| (11) EP2519494 | (21) EP12806452.4 | A61K 31/135 |
| (21) EP10805216.8 | (47) 23.05.2018 | A61K 31/192 |
| (47) 23.05.2018 | (87) EP2012076131 | (11) EP2862565 |
| (87) EP2010007974 | 27.06.2013 | (21) EP14380031.6 |
| 07.07.2011 | (22) 19.12.2012 | (47) 23.05.2018 |
| (22) 30.12.2010 | | (22) 10.10.2014 |

| | | |
|--|--|--|
| (54) Pharmaceutical composition of ibuprofen and tramadol for ophthalmological use | FITCH, Edward, Paul, V HO, Derrick | GERVAIS, Éric |
| (73) Farmalider, S.A. | WHITE JR, Daniel Jerome. | (51) A61K 9/28 |
| (72) Martinez-Alzamora, Fernando | TUNIS, Adam Michael. | A61K 31/506 |
| Rizo Martínez, José Miguel | (31) 201461985653 P | (11) EP2803353 |
| Gómez Calvo, Antonia | (32) 29.04.2014 | (21) EP13004915.8 |
| Sanz Menéndez, Nuria | (33) United States of America | (47) 23.05.2018 |
| Muñoz Ruiz, Ángel | (51) A61K 9/107 | (22) 14.10.2013 |
| (31) 201300963 | A61P 27/02 | (54) Compositions of Imatinib |
| (32) 11.10.2013 | A61K 31/122 | (73) Hetero Research Foundation |
| (33) Spain | A61K 31/216 | (72) Parthasaradhi Reddy, Bandi Khadgapathi, Podili Kamalakar Reddy, Goli Kiran Kumar, Madallapalli |
| (51) A61K 9/08 | (11) EP2968139 | (31) CH21372013 |
| A61K 47/02 | (21) EP14720786.4 | (32) 14.05.2013 |
| A61K 47/10 | (47) 23.05.2018 | (33) India |
| A61K 47/12 | (87) US2014025773 | (51) A61K 9/70 |
| A61K 47/40 | 02.10.2014 | A61K 47/30 |
| A61K 31/4709 | (22) 13.03.2014 | A61K 31/55 |
| A61K 31/496 | (54) MICROEMULSION TOPICAL DELIVERY PLATFORM | (11) EP2676663 |
| (11) EP1991200 | (73) Eyecro, LLC | (21) EP12746904.7 |
| (21) EP07749662.8 | (72) WASSEL, Ronald, A. | (47) 23.05.2018 |
| (47) 23.05.2018 | MONDALEK, Fadee, George | (87) KR2012001186 |
| (87) US2007002694 | FARJO, Rafal, A. | 23.08.2012 |
| 30.08.2007 | QUIAMBAO, Alexander, B. | (22) 17.02.2012 |
| (22) 01.02.2007 | NUNO, Didier, J. | (54) TRANSDERMAL DELIVERY SYSTEM CONTAINING GALANTAMINE OR SALTS THEREOF |
| (54) FLUOROQUINOLONE COMPOSITIONS | (31) 201361784005 P | (73) Industry-academic Cooperation Foundation, Chosun University TAHO Pharmaceuticals Ltd. |
| (73) IDEXX LABORATORIES, INC. | (32) 14.03.2013 | (72) CHOI, Hoo-Kyun CHUN, Myung-Kwan |
| (72) MURTHY, Yerramilli, V.S.N. | (33) United States of America | (31) 20110014530 |
| (31) 356206 | (51) A61K 9/14 | (32) 18.02.2011 |
| (32) 17.02.2006 | A61K 9/20 | (33) Korea (Republic) |
| (33) United States of America | A61K 31/4709 | (51) A61K 31/05 |
| (51) A61K 9/10 | A61K 9/16 | A61K 36/63 |
| A61K 47/02 | A61K 9/24 | A61K 38/10 |
| A61K 47/32 | (11) EP2953615 | A61P 31/04 |
| A61K 47/36 | (21) EP14706960.3 | A61P 31/10 |
| A61K 31/165 | (47) 23.05.2018 | A61P 31/12 |
| A61P 27/02 | (87) JP2014053232 | A61K 9/00 |
| A61K 9/14 | 14.08.2014 | A61K 35/748 |
| (11) EP2965749 | (22) 05.02.2014 | (11) EP3086797 |
| (21) EP15179323.9 | (54) SOLID DISPERSION COMPRISING AMORPHOUS CILOSTAZOL | (21) EP13814561.0 |
| (47) 23.05.2018 | (73) Otsuka Pharmaceutical Co., Ltd. | (47) 23.05.2018 |
| (22) 01.12.2010 | (72) KAWASAKI, Junichi | (87) EP2013077944 |
| (54) CARBOXYVINYL POLYMER-CONTAINING NANOPARTICLE SUSPENSIONS | NAKAMURA, Atsuya | 02.07.2015 |
| (73) NOVARTIS AG | KAMADA, Naoki | (22) 23.12.2013 |
| (72) CHOWHAN, Masood A. | (31) 2013021475 | (54) DERMATOLOGICAL COMPOSITION BASED ON ALGAE AND OLIVE LEAF EXTRACTS |
| GHOSH, Malay | (32) 06.02.2013 | (73) Medical Brands Research B.V. |
| HAN, Wesley Weshin | (33) Japan | (72) HENDRIKS, Maikel |
| ASGHARIAN, Bahram | (51) A61K 9/28 | BOUTER, Pieterella Anna Maria VAN DEN ENDE, Maarten Casparus |
| (31) 266368 P | A61K 31/4402 | (51) A61K 31/133 |
| (32) 03.12.2009 | A61K 31/4415 | A61K 45/06 |
| (33) United States of America | A61K 9/32 | A61P 3/06 |
| (51) A61K 9/10 | A61K 9/42 | (11) EP3158995 |
| A61K 47/02 | A61P 1/08 | (21) EP16195153.8 |
| A61K 47/36 | (11) EP3185856 | (47) 23.05.2018 |
| A61K 47/38 | (21) EP14900963.1 | (22) 08.08.2013 |
| A61K 31/29 | (47) 23.05.2018 | (54) MEGLUMINE FOR REDUCING HIGH TRIGLYCERIDE LEVELS |
| (11) EP3137059 | (87) CA2014050828 | (73) Dynamis Therapeutics, Inc. |
| (21) EP15724823.8 | 03.03.2016 | (72) TOBIA, Annette |
| (47) 23.05.2018 | (22) 29.08.2014 | |
| (87) US2015028215 | (54) PLURIMODAL RELEASE FORMULATION OF DOXYLAMINE AND PYRIDOXINE AND/OR METABOLITES OR SALTS THEREOF | |
| 05.11.2015 | (73) Duchesnay Inc. | |
| (22) 29.04.2015 | (72) VRANDERICK, Manon | |
| (54) METHOD FOR MAKING BISMUTH-CONTAINING LIQUID PHARMACEUTICAL SUSPENSIONS | ST-ONGE, Jean-Luc | |
| (73) The Procter & Gamble Company | GALLO, Michele | |
| (72) GILBERT, Steven, Ray | | |

| | | |
|--|---|--|
| (31) 201261681241 P 201361770553 P | C07H 19/10 C07K 16/40 C07D 211/32 | (31) 1001581 (32) 14.04.2010 (33) France |
| (32) 09.08.2012 28.02.2013 | C07D 211/96 | (51) A61K 31/4439 |
| (33) United States of America United States of America | C12N 9/22 G06F 19/16 | A61P 25/00 (11) EP3125888 (21) EP15713499.0 (47) 23.05.2018 (87) EP2015057224 08.10.2015 (22) 01.04.2015 (54) 2,4-THIAZOLIDINEDIONE DERIVATIVES IN THE TREATMENT OF CENTRAL NERVOUS SYSTEM DISORDERS |
| (51) A61K 31/135 A61K 31/4985 C07C 211/42 A61P 25/24 A61P 25/28 A61P 25/00 | (11) EP2547696 (21) EP11709643.8 (47) 23.05.2018 (87) EP2011001274 22.09.2011 (22) 15.03.2011 (54) FRAGMENTS OF THE PA SUBUNIT OF RNA DEPENDENT RNA POLYMERASE FROM PANDEMIC INFLUENZA VIRUS A 2009 H1N1, AND THEIR USE | (73) Minoryx Therapeutics S.L. (72) GARCÍA COLLAZO, Ana María ECKLAND, David John Augustus PIZCUETA LALANZA, Maria Pilar MARTINELL PEDEMONTE, Marc (31) 14382130 (32) 02.04.2014 (33) European Patent Office (EPO) |
| (11) EP1904066 (21) EP06786496.7 (47) 23.05.2018 (87) US2006026361 11.01.2007 (22) 06.07.2006 (54) COMBINATIONS OF ESZOPICLONE AND TRANS 4- (3,4-DICHLOROPHENYL)-1,2,3,4- TETRAHYDRO-N-METHYL-1- NAPHTHALENAMINE OR TRANS 4- (3,4-DICHLOROPHENYL)-1,2,3,4- TETRAHYDRO-1-NAPHTHALENAMINE, for treating MENOPAUSE, perimenopause AND COGNITIVE DISORDERS | (73) EUROPEAN MOLECULAR BIOLOGY LABORATORY (EMBL) (72) CUSACK, Stephen KOWALINSKI, Eva ZUBIETA, Chloe (31) 340335 P (32) 16.03.2010 (33) United States of America | (51) A61K 31/454 A61P 27/16 A61K 31/47 A61K 31/496 A61K 31/506 A61K 31/519 A61K 31/7105 A61K 31/713 A61P 43/00 C12N 15/113 (11) EP2858647 (21) EP13727899.0 (47) 23.05.2018 (87) EP2013061936 12.12.2013 (22) 10.06.2013 (54) H4 RECEPTOR INHIBITORS FOR TREATING TINNITUS |
| (73) Sunovion Pharmaceuticals Inc. (72) CARON, Judy WESSEL, Thomas LALJI, Karim VARNEY, Mark BAKALE, Roger P. SINGH, Surendra P. WILKINSON, H. Scott SU, Xiping HAN, Zhengxu KOENIG, Stephan G. | (51) A61K 31/337 A61K 31/4025 A61K 31/4412 A61K 31/513 A61K 31/517 A61K 33/24 A61P 35/00 A61K 39/395 (11) EP2714031 (21) EP12738184.6 (47) 23.05.2018 (87) IB2012052698 06.12.2012 (22) 30.05.2012 (54) A SYNERGISTIC PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF SQUAMOUS CELL CARCINOMA OF HEAD AND NECK | (51) A61K 31/4704 A61P 19/02 (11) EP2471535 (21) EP09848789.5 (47) 23.05.2018 (87) KR2009005753 03.03.2011 (22) 08.10.2009 (54) PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING RHEUMATOID ARTHRITIS, CONTAINING REBAMIPIDE (73) Catholic University Industry Academic Cooperation Foundation Hanlim Pharmaceutical Co., Ltd. (72) MIN, Jun-Ki CHO, Mi-La WOO, Yun-Ju OH, Hye-Jwa JHUN, Joo-Yeon LEE, Geun-Hyeog PARK, Se-Wan |
| (31) 697013 P (32) 06.07.2005 (33) United States of America | (51) A61K 31/137 A61K 39/39 A61K 45/06 A61P 37/04 A61K 31/133 A61K 31/381 A61K 31/4245 A61K 31/437 A61K 31/661 (11) EP2822595 (21) EP13722577.7 (47) 23.05.2018 (87) IT2013000070 12.09.2013 (22) 06.03.2013 (54) SPHINGOSINE-1 -PHOSPHATE RECEPTORS MODULATORS FOR IMPROVING VACCINE IMMUNIZATION | (73) Piramal Enterprises Limited (72) AGARWAL, Veena BALAKRISHNAN, Arun PERIYASAMY, Giridharan (31) 201161491569 P (32) 31.05.2011 (33) United States of America |
| (51) A61K 31/137 A61K 39/39 A61K 45/06 A61P 37/04 A61K 31/133 A61K 31/381 A61K 31/4245 A61K 31/437 A61K 31/661 | (51) A61K 31/366 A61K 31/00 A61P 25/30 A61P 25/32 A61P 25/34 A61P 25/36 (11) EP2558089 (21) EP11717033.2 (47) 23.05.2018 (87) IB2011051457 20.10.2011 (22) 05.04.2011 (54) STATINS FOR THE PREVENTION OR TREATMENT OF DRUG ADDICTIONS | (73) Sensorion (72) WERSINGER, Éric (31) 201261657460 P (32) 08.06.2012 (33) United States of America |
| (11) EP2822595 (21) EP13722577.7 (47) 23.05.2018 (87) IT2013000070 12.09.2013 (22) 06.03.2013 (54) SPHINGOSINE-1 -PHOSPHATE RECEPTORS MODULATORS FOR IMPROVING VACCINE IMMUNIZATION | (31) 201161491569 P (32) 31.05.2011 (33) United States of America | (51) A61K 31/4704 A61P 19/02 (11) EP2471535 (21) EP09848789.5 (47) 23.05.2018 (87) KR2009005753 03.03.2011 (22) 08.10.2009 (54) PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING RHEUMATOID ARTHRITIS, CONTAINING REBAMIPIDE (73) Catholic University Industry Academic Cooperation Foundation Hanlim Pharmaceutical Co., Ltd. (72) MIN, Jun-Ki CHO, Mi-La WOO, Yun-Ju OH, Hye-Jwa JHUN, Joo-Yeon LEE, Geun-Hyeog PARK, Se-Wan |
| (73) Istituto Superiore di Sanità (72) VENDETTI, Silvia (31) RM20120083 (32) 07.03.2012 (33) Italy | (51) A61K 31/366 A61K 31/00 A61P 25/30 A61P 25/32 A61P 25/34 A61P 25/36 (11) EP2558089 (21) EP11717033.2 (47) 23.05.2018 (87) IB2011051457 20.10.2011 (22) 05.04.2011 (54) STATINS FOR THE PREVENTION OR TREATMENT OF DRUG ADDICTIONS | (73) Sensorion (72) WERSINGER, Éric (31) 201261657460 P (32) 08.06.2012 (33) United States of America |
| (51) A61K 31/33 C07K 14/005 A61K 38/00 C07D 311/62 | (73) Centre National de la Recherche Scientifique Université De Poitiers (72) SOLINAS, Marcello CHAUVET, Claudia JABER, Mohamed | (51) A61K 31/4704 A61P 19/02 (11) EP2471535 (21) EP09848789.5 (47) 23.05.2018 (87) KR2009005753 03.03.2011 (22) 08.10.2009 (54) PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING RHEUMATOID ARTHRITIS, CONTAINING REBAMIPIDE (73) Catholic University Industry Academic Cooperation Foundation Hanlim Pharmaceutical Co., Ltd. (72) MIN, Jun-Ki CHO, Mi-La WOO, Yun-Ju OH, Hye-Jwa JHUN, Joo-Yeon LEE, Geun-Hyeog PARK, Se-Wan |

| | | |
|--|--|--|
| <p>PARK, Jin-Ha KWAK, Eun-Young (31) 20090078547 (32) 25.08.2009 (33) Korea (Republic)</p> <hr/> <p>(51) A61K 31/472 A61K 31/485 A61K 45/06 A61P 25/00 A61P 29/00 C07D 217/20 C07D 221/28 C07D 489/00 C07D 489/02 C07D 489/08 C07D 489/10 (11) EP2453895 (21) EP10736929.0 (47) 23.05.2018 (87) US2010042210 20.01.2011 (22) 16.07.2010 (54) (+) - MORPHINANS AS ANTAGONISTS OF TOLL-LIKE RECEPTOR 9 AND THERAPEUTIC USES THEREOF (73) Mallinckrodt LLC (72) TRAWICK, Bobby, N. BERBERICH, David, W. (31) 226015 P 286877 P (32) 16.07.2009 16.12.2009 (33) United States of America United States of America</p> <hr/> <p>(51) A61K 31/685 A61P 25/00 A61P 25/16 A61P 25/28 A61P 43/00 (11) EP2659892 (21) EP11853728.1 (47) 23.05.2018 (87) JP2011078989 05.07.2012 (22) 15.12.2011 (54) CONCOMITANT DRUG FOR IMPROVING COGNITIVE FUNCTION (73) Nishizaki Bioinformation Research Institute (72) NISHIZAKI, Tomoyuki (31) 2010294487 (32) 29.12.2010 (33) Japan</p> <hr/> <p>(51) A61K 31/7016 A61K 31/702 A61K 8/02 A61K 8/60 A61K 8/73 A61K 9/06 A61K 9/08 A61K 9/10 A61K 9/16 A61K 9/20 A61K 47/26 A61P 3/06 A61P 3/14 A61P 17/00 A61P 43/00 A61Q 19/00</p> | <p>C07H 3/04 C07H 3/06 A23L 29/262 A23L 33/24 (11) EP1930012 (21) EP06810610.3 (47) 23.05.2018 (87) JP2006319119 05.04.2007 (22) 27.09.2006 (54) CELLOOLIGOSACCHARIDE- CONTAINING COMPOSITION (73) Asahi Kasei Kabushiki Kaisha (72) YAMASAKI, Naoaki IBUKI, Ichiro YAGINUMA, Yoshihito TAMURA, Yoshinaga (31) 2005279157 (32) 27.09.2005 (33) Japan</p> <hr/> <p>(51) A61K 31/7064 A61K 31/7076 C07H 19/10 (11) EP1928475 (21) EP06778153.4 (47) 23.05.2018 (87) EP2006065021 22.02.2007 (22) 03.08.2006 (54) ANTIVIRAL PHOSPHORAMIDATES OF 4'-C-AZIDO-SUBSTITUTED PRONUCLEOTIDES (73) Riboscience LLC (72) KLUMPP, Klaus MARTIN, Joseph Armstrong MCGUIGAN, Christopher SMITH, David Bernard (31) 708726 P (32) 15.08.2005 (33) United States of America</p> <hr/> <p>(51) A61K 31/7072 A61K 31/7064 A61K 31/7068 A61P 25/04 A61P 25/28 A61P 27/06 A61P 29/00 A61P 37/00 C07H 19/067 C07D 405/04 C07D 405/14 (11) EP2968385 (21) EP14775026.9 (47) 23.05.2018 (87) US2014026865 02.10.2014 (22) 13.03.2014 (54) URIDINE NUCLEOSIDE DERIVATIVES, COMPOSITIONS AND METHODS OF USE (73) Tufts University (72) HAYDON, Philip, G. LEE, Jinbo (31) 201361780219 P 201361883604 P (32) 13.03.2013 27.09.2013 (33) United States of America</p> | <p>United States of America</p> <hr/> <p>(51) A61K 33/42 A61L 27/34 A61L 27/54 C03B 19/01 C03B 37/02 C03C 25/10 C03C 25/12 C03C 25/24 A61K 33/08 A61K 33/22 A61K 33/38 A61L 27/10 A61L 27/12 A61L 27/56 A61L 27/58 C03C 12/00 C03C 13/00 C03C 3/097 C03C 4/00 (11) EP3034480 (21) EP14835995.3 (47) 23.05.2018 (87) BR2014000275 19.02.2015 (22) 12.08.2014 (54) VITREOUS COMPOSITION, BIOACTIVE VITREOUS FIBRES AND FABRICS, AND ARTICLES (73) Fundação Universidade Federal De São Carlos (72) ZANOTTO, Edgar Dutra FILHO, Oscar Peitl SOUZA, Marina Trevelin (31) 102013020961 (32) 12.08.2013 (33) Brazil</p> <hr/> <p>(51) A61K 35/16 A61L 26/00 A61P 7/00 (11) EP2416790 (21) EP10762281.3 (47) 23.05.2018 (87) US2010030031 14.10.2010 (22) 06.04.2010 (54) SPRAY-DRIED BLOOD PRODUCTS AND METHODS OF MAKING SAME (73) Entegriion, Inc. (72) FISCHER, Thomas, H. DACORTA, Joseph, A. GALIGER, Michael Lawrence. (31) 212321 P (32) 09.04.2009 (33) United States of America</p> <hr/> <p>(51) A61K 35/17 A61K 31/7028 A61P 31/00 A61P 35/00 A61P 37/06 A61P 37/08 A61K 45/06 C07K 14/725 C12N 5/0783 (11) EP2647384 (21) EP11844377.9 (47) 23.05.2018 (87) JP2011077990</p> |
|--|--|--|

| | | |
|---|--|--|
| 07.06.2012 | A61P 25/32 | (21) EP11175595.5 |
| (22) 02.12.2011 | (11) EP2792364 | (47) 23.05.2018 |
| (54) IMMUNOTHERAPY USING ALLO-NKT CELLS, CELLS FOR IMMUNOTHERAPY IN WHICH alpha CHAIN OF T-CELL RECEPTOR (TCR) GENE HAS BEEN REARRANGED TO UNIFORM V alpha-J alpha , AND BANKING OF NKT CELLS DERIVED FROM SAID CELLS | (21) EP14165279.2 | (22) 27.09.2002 |
| (73) Riken | (47) 23.05.2018 | (54) MICRORNA MOLECULES |
| (72) TANIGUCHI, Masaru | (22) 18.04.2014 | (73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. |
| KOSEKI, Haruhiko | (54) Composition for preventing or treating hangover | (72) TUSCHL, Thomas |
| WATARAI, Hiroshi | (73) CJ Healthcare Corporation | LAGOS-QUINTANA, Mariana |
| FUJII, Shin-ichiro | (72) Paek, Se Hee | LENDECKEL, Winfried |
| (31) 419064 P | Moon, Byoung Seok | DAMMANN, Jutta |
| (32) 02.12.2010 | Park, Seok Jun | RAUHUT, Reinhard |
| (33) United States of America | Seo, Yong Ki | (31) 01123453 |
| (51) A61K 35/644 | Song, Geun Seog | 02006712 |
| A61K 35/00 | (31) 20130043222 | 02016772 |
| A23K 10/18 | (32) 18.04.2013 | (32) 28.09.2001 |
| A23L 33/135 | (33) Korea (Republic) | 22.03.2002 |
| C12R 1/01 | (51) A61K 38/00 | 26.07.2002 |
| C12R 1/225 | C12N 15/113 | (33) European Patent Office (EPO) |
| A61K 35/745 | C12Q 1/68 | European Patent Office (EPO) |
| A61K 35/747 | (11) EP2428567 | European Patent Office (EPO) |
| (11) EP2142635 | (21) EP11175529.4 | (51) A61K 38/17 |
| (21) EP08753931.8 | (47) 23.05.2018 | A61K 35/54 |
| (47) 23.05.2018 | (22) 27.09.2002 | A61P 35/00 |
| (87) SE2008000303 | (54) MicroRNA molecules | A61P 25/00 |
| 13.11.2008 | (73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. | (11) EP2934564 |
| (22) 30.04.2008 | (72) Tuschl, Thomas | (21) EP13821470.5 |
| (54) NOVEL BACTERIA ISOLATED FROM THE HONEY PRODUCING TRACT OF HONEY BEES | Lagos-Quintana, Mariana | (47) 23.05.2018 |
| (73) Olofsson, Tobias | Lendeckel, Winfried | (87) EP2013077747 |
| Vasquez, Alejandra | Dammann, Jutta | 26.06.2014 |
| (72) Olofsson, Tobias | Rauhut, Reinhard | (22) 20.12.2013 |
| Vasquez, Alejandra | (31) 01123453 | (54) ANTISECRETORY FACTOR (AF) FOR USE IN THE TREATMENT OF GLIOBLASTOMA |
| (31) 0701050 | 02006712 | (73) Lantmännen AS-Faktor AB |
| 916809 P | 02016772 | (72) HANSSON, Hans-Arne |
| (32) 03.05.2007 | (32) 28.09.2001 | (31) 1251473 |
| 09.05.2007 | 22.03.2002 | (32) 20.12.2012 |
| (33) Sweden | 26.07.2002 | (33) Sweden |
| United States of America | (33) European Patent Office (EPO) | (33) Sweden |
| (51) A61K 35/74 | European Patent Office (EPO) | (51) A61K 38/36 |
| A61K 47/44 | European Patent Office (EPO) | A61K 38/37 |
| G01N 33/68 | European Patent Office (EPO) | A61P 7/04 |
| A61P 37/08 | (51) A61K 38/00 | (11) EP2717905 |
| A61K 35/747 | C12N 15/113 | (21) EP12728919.7 |
| C12Q 1/02 | C12Q 1/68 | (47) 23.05.2018 |
| A23L 33/135 | (11) EP2428570 | (87) US2012041957 |
| (11) EP1758604 | (21) EP11175598.9 | 13.12.2012 |
| (21) EP05747481.9 | (47) 23.05.2018 | (22) 11.06.2012 |
| (47) 23.05.2018 | (22) 27.09.2002 | (54) TREATMENT OF COAGULATION DISEASE BY ADMINISTRATION OF RECOMBINANT VWF |
| (87) SE2005000806 | (54) MICRORNA MOLECULES | (54) TREATMENT OF COAGULATION DISEASE BY ADMINISTRATION OF RECOMBINANT VWF |
| 15.12.2005 | (73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. | (73) Baxalta GmbH |
| (22) 30.05.2005 | (72) TUSCHL, Thomas | Baxalta Incorporated |
| (54) METHOD FOR IMPROVED BREAST MILK FEEDING TO REDUCE THE RISK OF ALLERGY | LAGOS-QUINTANA, Mariana | (72) SCHEIFLINGER, Friedrich |
| (73) BIOGAIA AB | LENDECKEL, Winfried | TURECEK, Peter |
| (72) BJÖRKSTEN, Bengt | DAMMANN, Jutta | EWENSTEIN, Bruce |
| MÖLLSTAM, Bo | RAUHUT, Reinhard | WONG, Wing, Yen |
| SJÖBERG, Elisabeth | (31) 01123453 | SUITER, Tobias, M. |
| (31) 860201 | 02006712 | (31) 201161495884 P |
| (32) 03.06.2004 | 02016772 | 201161511901 P |
| (33) United States of America | (32) 28.09.2001 | 201161523790 P |
| (51) A61K 36/54 | 22.03.2002 | (32) 10.06.2011 |
| | 26.07.2002 | 26.07.2011 |
| | (33) European Patent Office (EPO) | 15.08.2011 |
| | European Patent Office (EPO) | (33) United States of America |
| | European Patent Office (EPO) | United States of America |
| | (51) A61K 38/00 | United States of America |
| | C12N 15/113 | (51) A61K 38/45 |
| | C12Q 1/68 | A61K 39/002 |
| | (11) EP2428569 | |

| | | |
|---|------------------------------------|--|
| A61K 39/00 | C07K 16/28 | (73) Vertex Pharmaceuticals Incorporated |
| C12N 9/10 | A61K 39/00 | (72) PHENIX, Brian Dean |
| A61P 29/00 | (11) EP2691112 | BAGNOL, Laurent Jean-claude |
| A61P 37/02 | (21) EP12763896.3 | BRODEUR, Geoffrey Glen |
| (11) EP2812020 | (47) 23.05.2018 | CHANDRAN, Sachin |
| (21) EP13706643.7 | (87) US2012031063 | DOKOU, Eleni |
| (47) 23.05.2018 | 04.10.2012 | FERRIS, Lori Ann |
| (87) FR2013050252 | (22) 29.03.2012 | KNEZIC, Dragutin |
| 15.08.2013 | (54) STABLE FORMULATIONS | MCCARTY, Katie Lynn |
| (22) 06.02.2013 | OF ANTIBODIES TO HUMAN | MEDEK, Ales |
| (54) 28 KDA GST PROTEINS FROM | PROGRAMMED DEATH RECEPTOR | WAGGENER, Sara A. |
| SCHISTOSOMA FOR THE USE | PD-1 AND RELATED TREATMENTS | (31) 201461979848 P |
| THEREOF IN THE TREATMENT OF | (73) Merck Sharp & Dohme Corp. | 201462059287 P |
| INFLAMMATORY AUTOIMMUNE | (72) SHARMA, Manoj K. | (32) 15.04.2014 |
| DISEASES GENERATING A TH1 AND/ | NARASIMHAN, Chakravarthy Nachu | 03.10.2014 |
| OR TH17 RESPONSE | GERGICH, Kevin James | (33) United States of America |
| (73) Université de Lille | KANG, Soonmo Peter | United States of America |
| INSERM - Institut National de la Santé et de | (31) 201161470121 P | (51) A61K 47/34 |
| la Recherche Médicale | (32) 31.03.2011 | A61K 48/00 |
| Centre National de la Recherche Scientifique | (33) United States of America | A61K 31/7088 |
| Centre Hospitalier Regional Universitaire de | (51) A61K 39/395 | (11) EP2595602 |
| Lille | A61K 47/68 | (21) EP11738125.1 |
| (72) CAPRON, Monique | A61K 49/00 | (47) 23.05.2018 |
| EL NADY, Mohamed | C07K 14/47 | (87) US2011044694 |
| COLOMBEL, Jean-Frédéric | C07K 16/18 | 26.01.2012 |
| RIVEAU, Gilles | (11) EP2558494 | (22) 20.07.2011 |
| (31) 1251100 | (21) EP11715837.8 | (54) SUSTAINED RELEASE siRNA FOR |
| (32) 06.02.2012 | (47) 23.05.2018 | OCULAR DRUG DELIVERY |
| (33) France | (87) US2011032269 | (73) ALLERGAN, INC. |
| (51) A61K 39/00 | 20.10.2011 | (72) RIVERS, Hongwen M. |
| A61K 39/09 | (22) 13.04.2011 | SPADA, Lon T. |
| A61K 39/12 | (54) AMYLOID-BETA BINDING PROTEINS | LUU, Michelle |
| A61K 39/39 | (73) AbbVie Inc. | (31) 366500 P |
| A61K 39/102 | AbbVie Deutschland GmbH & Co KG | (32) 21.07.2010 |
| A61K 39/145 | (72) BARGHORN, Stefan | (33) United States of America |
| A61K 39/295 | HILLEN, Heinz | (51) A61K 47/66 |
| (11) EP2612680 | STRIEBINGER, Andreas | A61K 47/68 |
| (21) EP13162452.0 | GIAISI, Simone | A61P 37/00 |
| (47) 23.05.2018 | EBERT, Ulrich | A61P 37/02 |
| (22) 16.04.2009 | BENATUIL, Lorenzo | A61P 37/06 |
| (54) Vaccine | (31) 446624 P | A61K 39/385 |
| (73) GlaxoSmithKline Biologicals SA | 373825 P | (11) EP2200633 |
| (72) Ballou JR, William Ripley | 324386 P | (21) EP08852540.7 |
| Hanon, Emmanuel Jules | (32) 25.02.2011 | (47) 23.05.2018 |
| (31) 45291 P | 14.08.2010 | (87) EP2008009758 |
| (32) 16.04.2008 | 15.04.2010 | 28.05.2009 |
| (33) United States of America | (33) United States of America | (22) 19.11.2008 |
| (51) A61K 39/00 | United States of America | (54) SYSTEM FOR DELIVERY INTO A XCRI |
| A61K 39/35 | United States of America | POSITIVE CELL AND USES THEREOF |
| A61K 45/06 | (51) A61K 45/06 | (73) Bundesrepublik Deutschland Letztvertreten |
| A61K 39/39 | A61K 31/404 | Durch Das Robert Koch- Institut |
| (11) EP2484375 | A61K 31/47 | (72) KROCZEK, Richard |
| (21) EP12153249.3 | C07D 215/00 | (31) 07022471 |
| (47) 23.05.2018 | C07D 209/04 | 13263 |
| (22) 26.09.2007 | A61K 9/14 | (32) 20.11.2007 |
| (54) Vaccine composition containing synthetic | A61K 9/16 | 12.12.2007 |
| adjuvant | A61K 9/20 | (33) European Patent Office (EPO) |
| (73) Infectious Disease Research Institute | (11) EP3131582 | United States of America |
| (72) Reed, Steven, G. | (21) EP15721912.2 | (51) A61K 49/00 |
| Carter, Darrick | (47) 23.05.2018 | C01G 49/08 |
| (31) 847404 P | (87) US2015025722 | (11) EP3003394 |
| (32) 26.09.2006 | 22.10.2015 | (21) EP13886302.2 |
| (33) United States of America | (22) 14.04.2015 | (47) 23.05.2018 |
| (51) A61K 39/395 | (54) PHARMACEUTICAL COMPOSITIONS | (87) CN2013076645 |
| A61K 9/19 | FOR THE TREATMENT OF CYSTIC | 11.12.2014 |
| A61K 9/00 | FIBROSIS TRANSMEMBRANE | (22) 03.06.2013 |
| A61K 47/18 | CONDUCTANCE REGULATOR | (54) OCTAPOD IRON OXIDE |
| A61K 47/26 | MEDIATED DISEASES | NANOPARTICLES AS HIGH- |

| | | |
|---|---|---|
| PERFORMANCE T2 CONTRAST AGENTS FOR MAGNETIC RESONANCE IMAGING | (31) 201161536981 P (32) 20.09.2011 (33) United States of America | (33) United States of America |
| (73) The U.S.A. as represented by the Secretary, Department of Health and Human Services Xiamen University | (51) A61L 15/22 A61L 15/44 A61L 15/60 A61L 26/00 | (51) A61L 31/10 A61B 17/06 C09D 183/04 (11) EP2968694 (21) EP14712821.9 (47) 23.05.2018 (87) US2014018949 09.10.2014 |
| (72) GAO, Jinhao CHEN, Xiaoyuan ZHAO, Zenghuan | (11) EP2908870 (21) EP13783782.9 (47) 23.05.2018 (87) US2013065297 24.04.2014 | (87) US2014018949 09.10.2014 (22) 27.02.2014 (54) METHOD OF COATING SURGICAL NEEDLES |
| (51) A61K 51/04 A61K 47/10 A61K 47/22 A61K 9/00 | (22) 16.10.2013 (54) WOUND PACKING DEVICE AND METHODS | (73) ETHICON, INC. (72) CICHOCKI, Frank R., Jr. OU, Duan Li BLASIC, Brian |
| (11) EP2723394 (21) EP12729595.4 (47) 23.05.2018 (87) EP2012062034 27.12.2012 (22) 21.06.2012 | (73) SurModics, Inc. (72) FULLER, Shawn CLASEMAN, Bryan, A. SLAGER, Joram | (31) 201313800181 (32) 13.03.2013 (33) United States of America |
| (54) FORMULATIONS OF FLUORINATED STILBENE SUITABLE FOR PET IMAGING | (51) A61M 1/00 A61M 27/00 A61B 10/00 | (51) A61M 1/00 A61M 27/00 A61B 10/00 |
| (73) Piramal Imaging SA (72) OLBRICH, Carsten KRAUSE, Michael BURKHARD, Andreas RICHTER, Annett BRAUN, Rainer | LOCKWOOD, Nathan HERGENROTHER, Robert, W. OLSON, Charles (31) 201261714502 P (32) 16.10.2012 (33) United States of America | (11) EP2247322 (21) EP09714425.7 (47) 23.05.2018 (87) GB2009050200 03.09.2009 (22) 27.02.2009 |
| (31) 11005047 (32) 21.06.2011 (33) European Patent Office (EPO) | (51) A61L 27/04 A61L 27/10 A61L 27/30 A61L 27/50 A61K 6/04 A61K 6/02 A61K 6/06 A61C 8/00 | (54) FLUID COLLECTION (73) Smith & Nephew PLC (72) HARTWELL, Edward Yerbury CHAPPEL, Jonathan BANNISTER, Neill Philip (31) 0803564 (32) 27.02.2008 (33) United Kingdom |
| (51) A61L 9/20 F24F 3/16 (11) EP3089763 (21) EP14818932.7 (47) 23.05.2018 (87) EP2014077612 09.07.2015 (22) 12.12.2014 | (11) EP3072534 (21) EP16165110.4 (47) 23.05.2018 (22) 28.02.2014 | (51) A61M 1/14 A61M 1/16 (11) EP2982397 (21) EP13881291.2 (47) 23.05.2018 (87) JP2013002213 09.10.2014 (22) 01.04.2013 |
| (54) METHOD AND DEVICE FOR PERFORMING PCO REACTION AND AIR PURIFIER COMPRISING THE DEVICE | (54) METHOD FOR THE PREPARATION OF A FUNCTIONALISED IMPLANT AND FUNCTIONALISED IMPLANT | (54) CIRCULATION DEVICE AND METHOD FOR CONTROLLING SAME |
| (73) Koninklijke Philips N.V. (72) CHEN, Weizhong WU, Haihui SUN, Ming | (73) DOT GmbH (72) Lembke, Dr. Ulrich Neumann, Prof. Dr. Hans-Georg | (73) Terumo Kabushiki Kaisha (72) UTSUGIDA, Tomoki HANAI, Ryosuke |
| (31) PCT/CN2013/001659 14151016 (32) 30.12.2013 14.01.2014 | (31) 102013102370 (32) 11.03.2013 (33) Germany | (51) A61M 1/26 A61M 1/36 C12Q 3/00 A61M 1/02 C12N 5/00 C12N 5/078 |
| (33) World Intellectual Property Office (WIPO) European Patent Office (EPO) | (51) A61L 27/34 A61L 31/10 A61L 33/00 | (51) A61M 1/26 A61M 1/36 C12Q 3/00 A61M 1/02 C12N 5/00 C12N 5/078 |
| (51) A61L 15/22 A61L 15/42 (11) EP2758086 (21) EP12745951.9 (47) 23.05.2018 (87) US2012048370 28.03.2013 (22) 26.07.2012 | (11) EP2683420 (21) EP12708138.8 (47) 23.05.2018 (87) EP2012054179 20.09.2012 (22) 09.03.2012 | (11) EP3192541 (21) EP17151988.7 (47) 23.05.2018 (22) 18.01.2017 |
| (54) TISSUE TREATMENT SYSTEMS AND METHODS HAVING A NON- TACTILE-STIMULUS-ACTIVATED, MACROSCOPICALLY-DEFORMING MATERIAL | (54) IMPROVEMENTS TO IMMOBILISED BIOLOGICAL ENTITIES | (54) CELL WASHING SYSTEM AND METHODS FOR WASHING SMALL VOLUMES OF CELLS |
| (73) KCI Licensing, Inc. (72) ROBINSON, Timothy, Mark LOCKE, Christopher, Brian | (73) W. L. Gore & Associates, Inc. (72) LEONTEIN, Karin ANTONI, Per NYSTRÖM, Daniel BEGOvac, Paul PIETRZAK, Krzysztof | (73) Fenwal, Inc. (72) WEGENER, Christopher J. (31) 201662279886 P 201715399842 (32) 18.01.2016 06.01.2017 |
| | (31) 201161451732 P (32) 11.03.2011 | |

| | | |
|--|--|---|
| (33) United States of America United States of America | A61M 5/142 F04B 43/08 | QUITOVIERA, Neil ABAL, Daniel |
| (51) A61M 1/36 | F04B 43/12 | (31) 201313940917 |
| A61K 38/48 | F04B 45/06 | (32) 12.07.2013 |
| A61K 47/10 | A61M 1/00 | (33) United States of America |
| A61J 1/14 | A61F 9/007 | (51) A61M 5/20 |
| A61K 35/16 | (11) EP2908882 | A61M 5/315 |
| (11) EP2900297 | (21) EP13865852.1 | (11) EP2389209 |
| (21) EP13842188.8 | (47) 23.05.2018 | (21) EP10700429.3 |
| (47) 23.05.2018 | (87) US2013069431 | (47) 23.05.2018 |
| (87) US2013061756 | 26.06.2014 | (87) EP2010050554 |
| 03.04.2014 | (22) 11.11.2013 | 29.07.2010 |
| (22) 25.09.2013 | (54) CASSETTE CLAMP MECHANISM | (22) 19.01.2010 |
| (54) METHOD AND APPARATUS FOR PREPARING SINGLE DONOR THROMBIN SERUM | (73) Alcon Research, Ltd. | (54) DRIVE ASSEMBLY AND MEDICATION DELIVERY DEVICE |
| (73) Stem Cell Partners LLC | (72) BAXTER, Vincent, A. WILSON, Daniel, J. | (73) Sanofi-Aventis Deutschland GmbH |
| (72) CHAPMAN, John, R. | (31) 201261740530 P | (72) RAAB, Steffen |
| (31) 201261705535 P | (32) 21.12.2012 | BRÜGGEMANN, Ulrich |
| (32) 25.09.2012 | (33) United States of America | (31) 09000686 |
| (33) United States of America | (51) A61M 5/14 | (32) 20.01.2009 |
| (51) A61M 3/02 | A61M 5/168 | (33) European Patent Office (EPO) |
| A61B 17/42 | A61M 5/40 | (51) A61M 5/24 |
| A61M 1/00 | A61M 39/22 | A61M 5/315 |
| A61B 18/14 | (11) EP3160543 | G06F 19/00 |
| A61B 17/32 | (21) EP15741634.8 | A61M 5/31 |
| A61B 18/16 | (47) 23.05.2018 | (11) EP2945668 |
| (11) EP2983600 | (87) US2015036288 | (21) EP14700372.7 |
| (21) EP14782598.8 | 07.01.2016 | (47) 23.05.2018 |
| (47) 23.05.2018 | (22) 17.06.2015 | (87) EP2014050464 |
| (87) US2014033390 | (54) DRIP CHAMBER WITH MULTIPLE PORTS FOR FLUID INPUT | 24.07.2014 |
| 16.10.2014 | (73) CareFusion 303, Inc. | (22) 13.01.2014 |
| (22) 08.04.2014 | (72) MANSOUR, George | (54) SUPPLEMENTAL DEVICE FOR ATTACHMENT TO A MEDICAL INJECTION DEVICE FOR GENERATING USAGE REPORTS ABOUT USE OF THE INJECTION DEVICE IN DIGITAL IMAGE FORMAT |
| (54) MEDICAL SYSTEMS | (31) 201414319576 | (73) Sanofi-Aventis Deutschland GmbH |
| (73) Boston Scientific Scimed, Inc. | (32) 30.06.2014 | (72) CAVE, George |
| (72) BEK, Robin | (33) United States of America | (31) 13151366 |
| GERMAIN, Aaron | (51) A61M 5/142 | (32) 15.01.2013 |
| KLEIN, Kyle | H04B 13/00 | (33) European Patent Office (EPO) |
| WALKER, Michael D. | A61B 5/00 | (51) A61M 5/315 |
| (31) 201361809681 P | A61B 5/145 | (11) EP2983770 |
| (32) 08.04.2013 | A61M 5/172 | (21) EP14718538.3 |
| (33) United States of America | (11) EP2803375 | (47) 23.05.2018 |
| (51) A61M 5/00 | (21) EP14180178.7 | (87) EP2014056993 |
| A61K 9/00 | (47) 23.05.2018 | 16.10.2014 |
| A61K 47/34 | (22) 23.07.2010 | (22) 08.04.2014 |
| A61K 9/10 | (54) Portable infusion pump having capacitive coupling communication and energy harvesting mechanism | (54) INJECTION DEVICE |
| A61K 9/16 | (73) Becton, Dickinson and Company | (73) SANOFI |
| A61K 31/4422 | (72) Savoie, Richard | (72) BUTLER, Joseph |
| A61K 31/4439 | Searle, Gary | JONES, Matthew |
| A61K 31/4545 | (31) 458807 | (31) 13163095 |
| A61K 31/496 | (32) 23.07.2009 | (32) 10.04.2013 |
| (11) EP2694133 | (33) United States of America | (33) European Patent Office (EPO) |
| (21) EP12767399.4 | (51) A61M 5/168 | (51) A61M 5/315 |
| (47) 23.05.2018 | A61M 5/142 | A61M 5/32 |
| (87) US2012032317 | A61M 39/24 | A61M 5/50 |
| 11.10.2012 | A61M 39/22 | (11) EP2844318 |
| (22) 05.04.2012 | (11) EP3019214 | (21) EP13719537.6 |
| (54) INTRAVENTRICULAR DRUG DELIVERY SYSTEM FOR IMPROVING OUTCOME AFTER A BRAIN INJURY AFFECTING CEREBRAL BLOOD FLOW | (21) EP14822384.5 | (47) 23.05.2018 |
| (73) Edge Therapeutics, Inc. | (47) 23.05.2018 | (87) EP2013058837 |
| (72) MACDONALD, R. Loch | (87) US2014046026 | 07.11.2013 |
| LEUTHNER, Brian A. | 15.01.2015 | (22) 29.04.2013 |
| (31) 201161471779 P | (22) 09.07.2014 | (54) DRUG DELIVERY DEVICE |
| (32) 05.04.2011 | (54) CHECK VALVE SYSTEM | (73) Sanofi-Aventis Deutschland GmbH |
| (33) United States of America | (73) CareFusion 303, Inc. | (72) WENDLAND, Stefan |
| (51) A61M 5/14 | (72) BUTTERFIELD, Robert Dwaine | |
| | GAMELIN, Andre | |

| | | |
|--------------------------------------|------------------------------------|---|
| LIEWALD, Anke | ACHTZEHNER, Wolfgang | 10.11.2011 |
| RICHTER, Frank | (31) 102005006372 | (33) United States of America |
| STEPHAN, Caroline | (32) 11.02.2005 | United States of America |
| (31) 12166720 | (33) Germany | |
| (32) 04.05.2012 | (51) A61M 15/00 | (51) A61M 16/00 |
| (33) European Patent Office (EPO) | A61M 16/04 | A61M 16/08 |
| (51) A61M 5/315 | A61M 11/00 | A61M 16/12 |
| G01D 5/39 | A61M 16/00 | A61M 16/06 |
| G06F 19/00 | A61M 11/02 | A61M 16/20 |
| A61M 5/31 | A61M 16/08 | (11) EP3041557 |
| (11) EP2988807 | A61M 16/10 | (21) EP14841576.3 |
| (21) EP14722567.6 | A61M 16/14 | (47) 23.05.2018 |
| (47) 23.05.2018 | A61M 16/16 | (87) US2014052185 |
| (87) EP2014057785 | (11) EP2987524 | 12.03.2015 |
| 30.10.2014 | (21) EP15186226.5 | (22) 21.08.2014 |
| (22) 16.04.2014 | (47) 23.05.2018 | (54) JET PUMP ADAPTOR FOR |
| (54) SENSOR DEVICE WITH OLED | (22) 02.02.2007 | VENTILATION SYSTEM |
| (73) Sanofi-Aventis Deutschland GmbH | (54) INHALATION THERAPY DEVICE FOR | (73) Breathe Technologies, Inc. |
| (72) BLEI, Gertrud | USE WITH PREMATURE BABIES AND | (72) BAMBRILLA, Enrico |
| BOCK, Mario | INFANTS | AHMAD, Samir S. |
| (31) 13164752 | (73) PARI Pharma GmbH | (31) 201314020032 |
| (32) 22.04.2013 | (72) Minocchieri, Stefan | (32) 06.09.2013 |
| (33) European Patent Office (EPO) | Gallem, Thomas | (33) United States of America |
| (51) A61M 5/32 | Vogelmann, Martina | (51) A61M 16/04 |
| A61M 5/28 | (31) 102006006183 | (11) EP3096823 |
| (11) EP2661297 | (32) 10.02.2006 | (21) EP14825428.7 |
| (21) EP11807702.3 | (33) Germany | (47) 23.05.2018 |
| (47) 23.05.2018 | (51) A61M 15/00 | (87) GB2014000529 |
| (87) EP2011074274 | G06M 1/16 | 30.07.2015 |
| 12.07.2012 | G06M 1/24 | (22) 24.12.2014 |
| (22) 30.12.2011 | (11) EP2570149 | (54) TRACHEAL TUBES |
| (54) INJECTION DEVICE COMPRISING A | (21) EP12195433.3 | (73) Smiths Medical International Limited |
| PRE-FILLED SYRINGE AND A SAFETY | (47) 23.05.2018 | (72) CHAMBERS, Steve |
| DEVICE | (22) 10.03.2010 | (31) 201401231 |
| (73) Sanofi-Aventis Deutschland GmbH | (54) Counter | (32) 24.01.2014 |
| (72) ROBERTS, Gareth | (73) EURO-CELTIQUE S.A. | (33) United Kingdom |
| OWEN, Sioned | (72) Bacon, Raymond | (51) A61M 16/04 |
| EKMAN, Matthew | McDerment, Iain | (11) EP3233167 |
| (31) 11150074 | (31) 0904040 | (21) EP15816173.7 |
| (32) 04.01.2011 | (32) 10.03.2009 | (47) 23.05.2018 |
| (33) European Patent Office (EPO) | (33) United Kingdom | (87) EP2015080678 |
| (51) A61M 5/32 | (51) A61M 16/00 | 23.06.2016 |
| A61M 5/46 | (11) EP2755710 | (22) 18.12.2015 |
| (11) EP3137136 | (21) EP12831096.8 | (54) TRACHEOSTOMA PROTECTION |
| (21) EP15716493.0 | (47) 23.05.2018 | (73) Andreas Fahl Medizintechnik-Vertrieb |
| (47) 23.05.2018 | (87) US2012055148 | GmbH |
| (87) EP2015057824 | 21.03.2013 | (72) FAHL, Andreas |
| 05.11.2015 | (22) 13.09.2012 | (31) 102014018678 |
| (22) 10.04.2015 | (54) VENT ARRANGEMENT FOR | (32) 18.12.2014 |
| (54) DEVICE FOR ADJUSTING NEEDLE | RESPIRATORY MASK | (33) Germany |
| INSERTION DEPTH | (73) ResMed Limited | (51) A61M 16/04 |
| (73) Carebay Europe Ltd. | (72) FOOTE, Roger, Mervyn Lloyd | A61M 16/08 |
| (72) ELMÉN, Gunnar | HUBY, Ronald, James | A61M 16/20 |
| (31) 1450508 | DANTANARAYANA, Muditha, Pradeep | (11) EP3177353 |
| (32) 29.04.2014 | MAZZONE, Damien, Julian | (21) EP15754329.9 |
| (33) Sweden | MARTIN, Dion, Charles, Chewe | (47) 23.05.2018 |
| (51) A61M 11/00 | ARMITSTEAD, Jeffrey, Peter | (87) US2015044244 |
| (11) EP1850897 | FORMICA, Justin, John | 11.02.2016 |
| (21) EP06706240.6 | TANG, Zhuo, Ran | (22) 07.08.2015 |
| (47) 23.05.2018 | COHEN, Lance, Steven | (54) AIRWAY ADAPTERS AND SUCTION |
| (87) EP2006000315 | VANDYKE, James, William Charles | CATHETER SYSTEMS |
| 17.08.2006 | SEARS, David, Brent | (73) Vyair Medical Consumables LLC |
| (22) 16.01.2006 | NAGORNY, Aleksandr, S. | (72) WHITE, Dennis |
| (54) INHALATION TREATMENT DEVICE | SAMPIETRO, Joe | JUNG, Simon |
| AND METHOD FOR THE OPERATION | FARRUGIA, Steven, Paul | FU, Haojun |
| THEREOF | (31) 201161534044 P | BEUCHAT, Charles Edward |
| (73) PARI Pharma GmbH | 201161558158 P | VARGA, Christopher |
| (72) BORGSCULTE, Markus | (32) 13.09.2011 | ULLA, Sibgat |
| | | LU, Ming |

| | | |
|-----------------------------------|------------------------------------|--|
| (31) 201462035366 P | LALANCETTE , Sebastien | (11) EP2981326 |
| 201462035367 P | LOOI , MengChe | (21) EP14764750.7 |
| 201462035379 P | NAHON , Daniel | (47) 23.05.2018 |
| 201462035380 P | BERRADA , Marwane | (87) IB2014059858 |
| 201462035364 P | ARLESS , Steve | 18.09.2014 |
| (32) 08.08.2014 | BATAILLE , Olivier | (22) 15.03.2014 |
| 08.08.2014 | (31) 160933 P | (54) HEADSET FOR TREATMENT |
| 08.08.2014 | (32) 17.03.2009 | AND ASSESSMENT OF MEDICAL |
| 08.08.2014 | (33) United States of America | CONDITIONS |
| (33) United States of America | (51) A61M 25/06 | (73) Neuro Relief Ltd. |
| United States of America | (11) EP1776154 | (72) DAR, Amit |
| United States of America | (21) EP05762875.2 | BAR-OR, Jonathan |
| United States of America | (47) 23.05.2018 | COHEN, Amir |
| United States of America | (87) CH2005000459 | BELSON, Ron |
| United States of America | 16.02.2006 | (31) 201361786701 P |
| (51) A61M 16/06 | (22) 04.08.2005 | (32) 15.03.2013 |
| A61M 16/08 | (54) INSERTION HEAD FOR MEDICAL OR | (33) United States of America |
| A61M 16/20 | PHARMACEUTICAL APPLICATIONS | (51) A61N 1/05 |
| (11) EP2836265 | (73) F. Hoffmann-La Roche AG | (11) EP1729847 |
| (21) EP13716116.2 | (72) SCHEURER, Simon | (21) EP05709030.0 |
| (47) 23.05.2018 | HUNN, Marcel | (47) 23.05.2018 |
| (87) US2013034194 | LINIGER, Jürg | (87) IB2005050928 |
| 03.10.2013 | (31) 102004039408 | 06.10.2005 |
| (22) 28.03.2013 | (32) 13.08.2004 | (22) 16.03.2005 |
| (54) NASAL CANNULA WITH PRESSURE | (33) Germany | (54) SELF-STORING MEDICAL |
| MONITORING AND PRESSURE RELIEF | (51) A61M 37/00 | ELECTRODES |
| (73) Tero, Robert | B29C 33/42 | (73) Koninklijke Philips N.V. |
| (72) Tero, Robert | B24B 19/16 | (72) JONSEN, Eric |
| (31) 201261617010 P | (11) EP2918307 | POWERS, Daniel |
| (32) 28.03.2012 | (21) EP13853875.6 | BRINK, Gregory |
| (33) United States of America | (47) 23.05.2018 | (31) 556132 P |
| (51) A61M 16/08 | (87) JP2013079897 | (32) 23.03.2004 |
| A61M 16/10 | 15.05.2014 | (33) United States of America |
| A61M 16/14 | (22) 05.11.2013 | (51) A61N 1/05 |
| A61M 16/16 | (54) NEEDLE-LIKE STRUCTURE AND | (11) EP3017843 |
| A61M 16/06 | METHOD FOR MANUFACTURING | (21) EP15176260.6 |
| A61M 16/00 | SAME | (47) 23.05.2018 |
| A61M 11/00 | (73) Toppan Printing Co., Ltd. | (22) 10.07.2015 |
| A61M 11/02 | (72) UEMURA, Daizo | (54) TRANSMODIOLAR ELECTRODE |
| A61M 11/06 | (31) 2012247528 | ARRAY AND A MANUFACTURING |
| (11) EP3151896 | (32) 09.11.2012 | METHOD |
| (21) EP15730365.2 | (33) Japan | (73) Oticon Medical A/S |
| (47) 23.05.2018 | (51) A61M 39/10 | (72) Tourrel, Guillaume |
| (87) US2015034663 | A61M 39/24 | Gnansia, Dan |
| 10.12.2015 | A61M 39/00 | Veau, Nicolas |
| (22) 08.06.2015 | A61M 25/06 | (31) 14192294 |
| (54) HEATED NEBULIZER ADAPTER FOR | (11) EP2683436 | (32) 07.11.2014 |
| RESPIRATORY THERAPY | (21) EP12706969.8 | (33) European Patent Office (EPO) |
| (73) Vapotherm, Inc. | (47) 23.05.2018 | (51) A61N 1/08 |
| (72) CORTEZ, Felino V., Jr. | (87) US2012025051 | A61N 1/05 |
| BUSEY, Charles | 13.09.2012 | A61N 1/32 |
| DUNGAN, George C., II | (22) 14.02.2012 | A61B 18/14 |
| (31) 201462008880 P | (54) SYSTEMS AND METHODS TO | (11) EP2561903 |
| (32) 06.06.2014 | COMPENSATE FOR COMPRESSION | (21) EP12180428.0 |
| (33) United States of America | FORCES IN AN INTRAVASCULAR | (47) 23.05.2018 |
| (51) A61M 25/00 | DEVICE | (22) 05.10.2005 |
| A61M 25/01 | (73) Becton, Dickinson and Company | (54) Use of a catheter for renal neuromodulation |
| A61B 5/0215 | (72) MA, Yiping | (73) Medtronic Ardian Luxembourg S.à.r.l. |
| (11) EP2408356 | STOUT, Marty L. | (72) Deem, Mark |
| (21) EP10753040.4 | (31) 201113042127 | Gifford, Hanson |
| (47) 23.05.2018 | (32) 07.03.2011 | Zarins, Denise |
| (87) CA2010000396 | (33) United States of America | Sutton, Douglas |
| 23.09.2010 | (51) A61N 1/04 | Thai, Erik |
| (22) 17.03.2010 | A61N 1/18 | Gelfand, Mark |
| (54) ECCENTRIC PRESSURE CATHETER | A61N 1/36 | Levin, Howard R. |
| WITH GUIDEWIRE COMPATIBILITY | A61F 5/34 | (31) 129765 |
| (73) Opsens Inc. | A61B 5/00 | 616254 P |
| (72) BELLEVILLE , Claude | A61B 5/0478 | 624793 P |

- (32) 13.05.2005
05.10.2004
02.11.2004
- (33) United States of America
United States of America
United States of America
-
- (51) A61N 1/372
A61N 1/37
A61N 1/39
A61N 1/362
- (11) EP2349471
(21) EP08877818.8
(47) 23.05.2018
(87) SE2008000615
06.05.2010
(22) 29.10.2008
(54) IMPLANTABLE MEDICAL DEVICE
WITH AN IMPROVED ANTENNA
(73) St. Jude Medical AB
(72) ABRAHAMSON, Hans
SKOOG, Viktor
-
- (51) A61N 5/10
A61B 6/10
G21F 3/00
- (11) EP2785417
(21) EP12854268.5
(47) 23.05.2018
(87) US2012067453
06.06.2013
(22) 30.11.2012
(54) RADIATION SYSTEMS WITH MINIMAL
OR NO SHIELDING REQUIREMENT ON
BUILDING
(73) Varian Medical Systems, Inc.
(72) ADLER, JR., John, R.
WHITTUM, David, H.
PRINCE, Steven, W.
CLAYTON, James, E.
(31) 201113310582
(32) 02.12.2011
(33) United States of America
-
- (51) A61N 5/10
G01T 1/04
G01T 1/161
A61B 6/00
- (11) EP2758130
(21) EP12756201.5
(47) 23.05.2018
(87) EP2012067539
14.03.2013
(22) 07.09.2012
(54) NON-INVASIVE IN-SITU RADIATION
DOSIMETRY
(73) Katholieke Universiteit Leuven
SCK CEN
(72) D'HOOGHE, Jan
PFEIFFER, Helge
VAN DEN ABEELE, Koen
VERBOVEN, Erik
D'AGOSTINO, Emiliano
(31) 201115419
(32) 07.09.2011
(33) United Kingdom
-
- (51) A61N 5/10
H05H 13/02
H05H 7/00
H05H 7/04
(11) EP2910278
- (21) EP15155935.8
(47) 23.05.2018
(22) 20.02.2015
(54) Scanning system
(73) Mevion Medical Systems, Inc.
(72) O'Neil, Charles D.
Molzahn, Adam C.
(31) 201414184990
(32) 20.02.2014
(33) United States of America
-
- (51) A61P 1/04
A61K 31/704
A61K 36/23
- (11) EP2582376
(21) EP10852827.4
(47) 23.05.2018
(87) IN2010000575
15.12.2011
(22) 31.08.2010
(54) A METHOD FOR PREPARATION
OF HIGHLY PURE ASIATICOSIDE
COMPOSITION FROM CENTELLA
ASIATICA AND A METHOD OF USE
THEREOF
(73) Indus Biotech Private Limited
(72) SUNIL, Bhaskaran
MOHAN, Vishwaraman
(31) 1760MU2010
(32) 10.06.2010
(33) India
-
- (51) A61P 31/12
A61K 31/496
A61K 31/519
A61K 31/454
A61K 31/4709
A61K 31/445
A61K 31/4525
A61K 31/4535
C07D 401/06
C07D 487/04
C07D 295/14
C07D 215/48
C07D 235/18
C07D 333/38
C07D 209/18
C07D 231/10
C07D 213/56
- (11) EP2922596
(21) EP13833135.0
(47) 23.05.2018
(87) US2013057585
06.03.2014
(22) 30.08.2013
(54) HETEROCYCLYL CARBOXAMIDES FOR
TREATING VIRAL DISEASES
(73) Novadrug, LLC
(72) HUBERMAN, Eliezer
(31) 201261695869 P
201361779595 P
(32) 31.08.2012
13.03.2013
(33) United States of America
United States of America
-
- (51) A61P 31/18
C08G 8/30
A61K 31/22
A61K 31/047
A61K 31/232
- (61) A61K 45/06
(11) EP2821105
(21) EP13754607.3
(47) 23.05.2018
(87) BR2013000063
06.09.2013
(22) 01.03.2013
(54) INGENOL DERIVATIVES IN THE
REACTIVATION OF LATENT HIV
(73) Amazonia Fitomedicamentos Ltda
(72) PIANOWSKI, Luiz Francisco
TANURI, Amilcar
(31) 102012004739
102012006549
(32) 02.03.2012
23.03.2012
(33) Brazil
Brazil
-
- (51) A61Q 3/00
A61Q 3/02
A61K 8/35
A61K 8/368
A61K 8/37
A61K 8/42
A61K 8/40
- (11) EP2928564
(21) EP13801567.2
(47) 23.05.2018
(87) EP2013075569
12.06.2014
(22) 04.12.2013
(54) NAIL MAKEUP METHOD WITH
PHOTOCROSSLINKABLE VARNISH
COMPOSITIONS
(73) L'Oréal
(72) KERGOSIEN, Guillaume
RIACHI, Carl
LE PAPE, Marina
(31) 1261676
201361753986 P
(32) 05.12.2012
18.01.2013
(33) France
United States of America
-
- (51) A61Q 5/06
A61K 8/81
A61K 8/92
A61K 8/02
A61K 8/04
- (11) EP3129106
(21) EP15709466.5
(47) 23.05.2018
(87) EP2015054873
15.10.2015
(22) 10.03.2015
(54) COMPOSITIONS AND DISPERSIONS
CONTAINING PARTICLES COMPRISING
A POLYMER
(73) L'OREAL
(72) SIMONNET, Jean-Thierry
PISTORIO, Bradford Joseph
SHAW, Charles Michael Sanford
SINGER, Jim Mitchell
(31) 201414251373
(32) 11.04.2014
(33) United States of America
-
- (51) A61Q 5/12
A61Q 5/04

| | | |
|--|----------------------------------|---|
| A61K 8/898 | A61K 8/02 | (22) 15.07.2008 |
| A61K 8/891 | A61K 8/06 | (54) UNITARY RESPIRATOR WITH |
| C08L 83/08 | A61K 8/19 | MOLDED THERMOSET ELASTOMERIC |
| C08L 83/04 | A61K 8/27 | ELEMENTS |
| A61Q 5/02 | A61K 8/29 | (73) 3M Innovative Properties Company |
| C08G 77/26 | A61K 8/89 | (72) FLANNIGAN, Paul J. |
| (11) EP2296758 | A61K 8/34 | HOOGENRAAD, Johannes |
| (21) EP09793905.2 | (11) EP3087970 | KNIVSLAND, David P. |
| (47) 23.05.2018 | (21) EP14874017.8 | (31) 999743 P |
| (87) EP2009057538 | (47) 23.05.2018 | (32) 31.08.2007 |
| 14.01.2010 | (87) JP2014081812 | (33) United States of America |
| (22) 17.06.2009 | 02.07.2015 | (51) A62B 23/02 |
| (54) HAIR CONDITIONING COMPOSITION | (22) 02.12.2014 | A41D 13/11 |
| COMPRISING THREE KINDS OF | (54) WATER-IN-OIL EMULSIFIED | (11) EP2142261 |
| SILICONES | SUNSCREEN COSMETIC | (21) EP08746045.7 |
| (73) Unilever N.V. | (73) Shiseido Company Ltd. | (47) 23.05.2018 |
| (72) RICHARDS, Claire, Louise | (72) YAMAGUCHI Kazuhiro | (87) US2008060558 |
| (31) 08160061 | TASHIRO Mayuri | 13.11.2008 |
| (32) 10.07.2008 | SASAKI Kazutaka | (22) 17.04.2008 |
| (33) European Patent Office (EPO) | (31) 2013269122 | (54) MAINTENANCE-FREE FLAT-FOLD |
| (51) A61Q 9/04 | (32) 26.12.2013 | RESPIRATOR THAT INCLUDES A |
| A61K 8/25 | (33) Japan | GRASPABLE TAB |
| A61K 8/31 | (51) A61Q 17/04 | (73) 3M Innovative Properties Company |
| A61K 8/36 | A61Q 19/08 | (72) GLOAG, Nicholas, J. |
| A61K 8/37 | A61Q 19/02 | WILSON, Audra, A. |
| A61K 8/11 | A61K 8/41 | FACER, John, M. |
| (11) EP2844351 | A61K 8/86 | HENDERSON, Christopher, P. |
| (21) EP13780888.7 | A61K 8/06 | (31) 743723 |
| (47) 23.05.2018 | (11) EP2945608 | (32) 03.05.2007 |
| (87) GB2013051064 | (21) EP14701336.1 | (33) United States of America |
| 31.10.2013 | (47) 23.05.2018 | (51) A62B 35/00 |
| (22) 26.04.2013 | (87) EP2014051012 | E04G 21/32 |
| (54) NOVEL DEPILATORY COMPOSITIONS | 24.07.2014 | B64F 5/00 |
| (73) Reckitt & Colman (Overseas) Limited | (22) 20.01.2014 | B64F 5/40 |
| (72) ATKIN, Neil | (54) COSMETIC OR DERMATOLOGICAL | F16B 47/00 |
| DAWSON, Samuel | EMULSION COMPRISING | (11) EP2563483 |
| EIVISON, Jane | A MEROCYANINE AND AN | (21) EP11719615.4 |
| KENNEDY, Fiona | EMULSIFYING SYSTEM CONTAINING | (47) 23.05.2018 |
| TINDAL, Anne | A GEMINI SURFACTANT | (87) GB2011050837 |
| WARD, Haydn | (73) L'Oréal | 03.11.2011 |
| WARWICK, Jane | (72) ROUDOT, Angelina | (22) 27.04.2011 |
| (31) 201207493 | CANDAU, Didier | (54) VACUUM ANCHOR SYSTEM |
| (32) 26.04.2012 | (31) 1350484 | (73) Latchways PLC |
| (33) United Kingdom | (32) 21.01.2013 | (72) JONES, Owain |
| (51) A61Q 17/04 | (33) France | JONES, Karl |
| A61K 8/26 | (51) A61Q 19/00 | (31) 201007078 |
| A61K 8/29 | A61K 8/891 | (32) 28.04.2010 |
| A61K 8/49 | A61K 8/58 | (33) United Kingdom |
| A61K 8/58 | A61K 8/81 | (51) A62B 35/00 |
| A61K 8/27 | A61P 17/02 | E06C 7/18 |
| (11) EP2618892 | (11) EP1467702 | (11) EP2606937 |
| (21) EP11773658.7 | (21) EP02804959.1 | (21) EP12405101.2 |
| (47) 23.05.2018 | (47) 23.05.2018 | (47) 23.05.2018 |
| (87) BR2011000336 | (87) GB2002005686 | (22) 19.09.2012 |
| 29.03.2012 | 26.06.2003 | (54) Capture device for a protective climbing |
| (22) 20.09.2011 | (22) 13.12.2002 | device |
| (54) HIGH PROTECTION UVA/UVB | (54) SCAR MANAGEMENT COMPOSITION | (73) MSU- Normen Henri Zenhäusern AG |
| COMPOSITION AND TOPICAL | (73) Medtrade Products Ltd. | (72) Illi, Walter |
| COSMETIC COMPOSITION | (72) HARDY, Craig, Julian | (31) 20412011 |
| (73) Natura Cosméticos S.A. | (31) 0129886 | (32) 23.12.2011 |
| (72) PICONI LONGO, Ana Carolyn | (32) 14.12.2001 | (33) Switzerland |
| AZEVEDO TADINI, Cassandra | (33) United Kingdom | (51) A62C 3/07 |
| COLLINA ROMANHOLE, Rodrigo | (51) A62B 18/02 | (11) EP2442874 |
| (31) 1057494 | (11) EP2183031 | (21) EP10728831.8 |
| (32) 20.09.2010 | (21) EP08781839.9 | (47) 23.05.2018 |
| (33) France | (47) 23.05.2018 | (87) FR2010051023 |
| (51) A61Q 17/04 | (87) US2008070043 | 23.12.2010 |
| A61Q 1/02 | 05.03.2009 | (22) 27.05.2010 |

| | | |
|---|--|--|
| (54) EQUIPMENT FOR CONTROLLING A TRAIN FIRE IN A LONG RAILWAY TUNNEL AND METHOD FOR IMPLEMENTING SAME | (31) 993534 P 209016 | 21.05.2015 |
| (73) France-Manche | (32) 13.09.2007 | (22) 13.11.2014 |
| (72) BOUTHORS, Bruno | 11.09.2008 | (54) LIGHT-WEIGHT PORTABLE BICYCLE ROLLERS |
| HOCHART, Pascal | (33) United States of America | (73) Papadopoulos, Larry C. |
| LEVERT, François | United States of America | (72) Papadopoulos, Larry C. |
| MAQUAIRE, Christian | (51) A63B 23/04 | (31) 201314080016 |
| MASSY, Vincent | A63B 21/00 | (32) 14.11.2013 |
| PONCET, Serge | A63B 21/008 | (33) United States of America |
| (31) 0954079 | A63B 23/035 | (51) A63B 69/36 |
| 0955725 | A63B 21/068 | A63B 53/00 |
| (32) 17.06.2009 | A63B 23/02 | A63B 15/00 |
| 21.08.2009 | A63B 69/00 | A63B 53/10 |
| (33) France | A63B 71/06 | A63B 71/06 |
| France | (11) EP3124085 | A63B 60/00 |
| (51) A62C 3/08 | (21) EP16181837.2 | (11) EP2961497 |
| F17C 13/04 | (47) 23.05.2018 | (21) EP14756541.0 |
| F16K 17/16 | (22) 29.07.2016 | (47) 23.05.2018 |
| F16K 17/40 | (54) MACHINE FOR TRAINING THE HAMSTRING MUSCLES | (87) US2014019604 |
| (11) EP3023123 | (73) Giacomo, Jean-Patrick | 04.09.2014 |
| (21) EP15196577.9 | (72) Giacomo, Jean-Patrick | (22) 28.02.2014 |
| (47) 23.05.2018 | (31) 1557409 | (54) SIMPLIFIED GOLF CLUB SWING TRAINING APPARATUS |
| (22) 14.10.2014 | (32) 31.07.2015 | (73) Best Swing One, LLC |
| (54) POPPET VALVE WITH A FRANGIBLE SEALING DISC FOR A PRESSURE VESSEL | (33) France | (72) HOU, Wen-Sun |
| (73) Kidde Technologies, Inc. | (51) A63B 24/00 | (31) 201313783034 |
| (72) CHATTAWAY, Adam | A63B 71/06 | (32) 01.03.2013 |
| PORTERFIELD, John W. | A63B 22/00 | (33) United States of America |
| MILLER, Michael C. | (11) EP2602007 | (51) A63B 69/36 |
| HAGGE, Harlan B. | (21) EP12190344.7 | A63B 71/02 |
| FRASURE, David | (47) 23.05.2018 | A63B 63/00 |
| (31) 201361892631 P | (22) 06.09.2007 | (11) EP2838625 |
| 201414164529 | (54) Athletic performance sensing and/or tracking system | (21) EP13778850.1 |
| (32) 18.10.2013 | (73) NIKE Innovate C.V. | (47) 23.05.2018 |
| 27.01.2014 | (72) Riley, Raymond, W. | (87) US2013029221 |
| (33) United States of America | Hoffer, Kevin, W. | 24.10.2013 |
| United States of America | Berner, William, E., Jr. | (22) 06.03.2013 |
| (51) A63B 21/00 | Schrock, Allan, M. | (54) APPARATUS AND METHOD FOR CATCHING A GOLF BALL |
| A61M 16/00 | Niegowski, James, A. | (73) Lee, Joseph Yosup |
| (11) EP3010603 | Rauchholz, William, F. | (72) Lee, Joseph Yosup |
| (21) EP14733720.8 | (31) 824822 P | (31) 201213452806 |
| (47) 23.05.2018 | 848988 | (32) 20.04.2012 |
| (87) IB2014062067 | (32) 07.09.2006 | (33) United States of America |
| 24.12.2014 | 31.08.2007 | (51) A63C 9/08 |
| (22) 09.06.2014 | (33) United States of America | A63C 9/085 |
| (54) DEVICE FOR ASSISTING A COUGH | United States of America | A63C 9/086 |
| (73) Koninklijke Philips N.V. | (51) A63B 31/00 | (11) EP2929918 |
| (72) ZHU, Xinli | A63K 3/02 | (21) EP15000969.4 |
| ZHOU, Wei | A63B 5/10 | (47) 23.05.2018 |
| CHEN, Huimin | (11) EP2950896 | (22) 03.04.2015 |
| CHEN, Feng | (21) EP13875329.8 | (54) SKI BINDING |
| LI, Yang | (47) 23.05.2018 | (73) Salomon S.A.S. |
| (31) PCT/CN2013/077443 | (87) US2013052900 | (72) Soldan, Daniel |
| (32) 19.06.2013 | 05.02.2015 | Meindl, Edwin |
| (33) World Intellectual Property Office (WIPO) | (22) 31.07.2013 | Tiefnig, Roland |
| (51) A63B 22/04 | (54) START ASSIST DEVICE FOR SWIMMERS WITH POSITIONING AND REMOVAL MECHANISM | (31) 1400866 |
| (11) EP2188022 | (73) EVERLAST CLIMBING INDUSTRIES, INC. DBA COLORADO TIME SYSTEMS | 1400867 |
| (21) EP08830164.3 | (72) STOCKINGER, Christian | 1400868 |
| (47) 23.05.2018 | SOLANYK, Eric | 1400870 |
| (87) US2008076264 | (51) A63B 69/16 | (32) 09.04.2014 |
| 19.03.2009 | (11) EP3068502 | 09.04.2014 |
| (22) 12.09.2008 | (21) EP14861579.2 | 09.04.2014 |
| (54) SEATED EXERCISE APPARATUS | (47) 23.05.2018 | (33) France |
| (73) Merli, Christopher | (87) US2014065370 | France |
| (72) Merli, Christopher | | France |

- (51) A63C 9/20
(11) EP2919873
(21) EP13814662.6
(47) 23.05.2018
(87) NO2013050201
22.05.2014
(22) 19.11.2013
(54) SKI BINDING
(73) Rottefella AS
(72) HOLM, Thomas
WØLLO, Even
SVENDSEN, Øyvar
(31) 20121369
(32) 19.11.2012
(33) Norway
-
- (51) A63C 10/24
A63C 10/04
(11) EP2959949
(21) EP15001672.3
(47) 23.05.2018
(22) 04.06.2015
(54) DEVICE FOR ACCOMMODATING A
SHOE ON A SNOW GLIDING DEVICE
(73) Salomon S.A.S.
(72) Rancon, Henri
(31) 1401456
(32) 27.06.2014
(33) France
-
- (51) A63C 17/28
A63C 17/04
A63C 17/10
A63C 17/16
A63C 17/06
(11) EP3108945
(21) EP16175638.2
(47) 23.05.2018
(22) 22.06.2016
(54) APPARATUS FOR GRASS SKIING,
SUITABLE FOR PERSONS WITH
DISABILITIES
(73) Grill, Luigi
(72) GRILL, Luigi
COMBA, Giovanni
(31) UB20151563
(32) 22.06.2015
(33) Italy
-
- (51) A63F 13/214
A63F 13/426
A63F 13/837
A63F 13/2145
(11) EP2711059
(21) EP13175686.8
(47) 23.05.2018
(22) 09.07.2013
(54) System and method for facilitating interaction
with a virtual space
(73) DeNA Co., Ltd.
(72) Cousins, Benjamin James
(31) 201213600806
(32) 31.08.2012
(33) United States of America
-
- (51) A63F 13/358
A63F 13/56
A63F 13/55
A63F 13/577
(11) EP2839441
(21) EP13829212.3
(47) 23.05.2018
- (87) CN2013081663
20.02.2014
(22) 16.08.2013
(54) NETWORK GAME SYSTEM WITHOUT
DYNAMIC OBSTRUCTIONS AND
PROCESSING METHOD THEREOF
(73) Tencent Technology (Shenzhen) Company
Limited
(72) LIU, Lin
DING, Xiaocheng
(31) 201210293556
(32) 17.08.2012
(33) China
-
- (51) A63F 13/45
(11) EP2394713
(21) EP10174692.3
(47) 23.05.2018
(22) 31.08.2010
(54) Image processing system, program, apparatus
and method for video games
(73) Nintendo Co., Ltd.
(72) Kato, Shunsaku
(31) 2010134062
(32) 11.06.2010
(33) Japan
-
- (51) A63G 31/00
(11) EP2945715
(21) EP14740249.9
(47) 23.05.2018
(87) US2014011816
24.07.2014
(22) 16.01.2014
(54) AMUSEMENT PARK ELEVATOR DROP
RIDE SYSTEM AND ASSOCIATED
METHODS
(73) Dynamic Motion Group GmbH
(72) VATCHER, David, J.
JAMES, Simon, A.
COX, Andrew, J.
(31) 201361753013 P
(32) 16.01.2013
(33) United States of America
-
- (51) A63H 18/08
A63H 18/12
A63H 30/04
A63H 18/02
(11) EP2745897
(21) EP14001035.6
(47) 23.05.2018
(22) 13.11.2012
(54) Toy
(73) Stadlbauer Marketing + Vertrieb GmbH
(72) Stadlbauer, Andreas
(31) 202011107901 U
(32) 15.11.2011
(33) Germany
-
- (51) B01D 7/00
C23F 1/00
C23F 1/12
H01J 37/32
H01L 21/67
(11) EP1766665
(21) EP05756952.7
(47) 23.05.2018
(87) GB2005002386
29.12.2005
(22) 17.06.2005
- (54) IMPROVED METHOD FOR THE
ETCHING OF MICROSTRUCTURES
(73) Memstar Limited
(72) O'HARA, Anthony c/o Point 35
Microstructures Ltd.,
LEAVY, Michael c/o Point 35
Microstructures Ltd.,
PRINGLE, Graeme c/o Point 35
Microstructures Ltd.,
McKIE, Anthony c/o Point 35
Microstructures Ltd.,
(31) 0413554
(32) 17.06.2004
(33) United Kingdom
-
- (51) B01D 15/10
G01N 30/52
G01N 30/56
(11) EP2619569
(21) EP11827057.8
(47) 23.05.2018
(87) SE2011051132
29.03.2012
(22) 21.09.2011
(54) WETTING OF A PLASTIC BED SUPPORT
FOR A CHROMATOGRAPHY COLUMN
(73) GE Healthcare Bio-Sciences AB
(72) ANDERSTEDT, Lena
AVALLIN, Johan, F.
KARLSSON, Jonas
(31) 1050993
(32) 24.09.2010
(33) Sweden
-
- (51) B01D 15/26
B01J 20/285
B01J 20/286
B01J 20/24
B01J 20/26
B01J 20/28
B01J 20/30
B01J 20/32
C12N 7/02
C12N 7/00
(11) EP2266675
(21) EP10167156.8
(47) 23.05.2018
(22) 24.06.2010
(54) CHROMATOGRAPHY MEDIUM,
PREPARATION METHOD OF THE
SAME, AND METHOD FOR PRODUCING
VIRUS VACCINE USING THE
CHROMATOGRAPHY MEDIUM
(73) JNC Corporation
(72) YAMAMOTO, Yuka
YAMAMOTO, Yuichi
UMEDA, Yasuto
AOYAMA, Shigeyuki
MATSUMOTO, Yoshihiro
(31) 2009151290
2010071319
(32) 25.06.2009
26.03.2010
(33) Japan
Japan
-
- (51) B01D 19/00
C02F 1/20
B21C 37/12
E21B 43/34
B21C 37/15

| | | |
|---------------------------------------|--|---|
| E21B 43/38 | (51) B01D 45/08 | Saito, Satoshi |
| (11) EP2629870 | B01D 3/00 | Watando, Hiroko |
| (21) EP11834861.4 | B01D 19/00 | Shida, Naomi |
| (47) 23.05.2018 | (11) EP3137181 | Yoshimura, Reiko |
| (87) US2011055678 | (21) EP15718445.8 | Kuboki, Takashi |
| 26.04.2012 | (47) 23.05.2018 | (31) 2010286554 |
| (22) 11.10.2011 | (87) EP2015000844 | 2011247775 |
| (54) SEPARATOR HELIX AND METHOD OF | 05.11.2015 | 2011247776 |
| FABRICATING A SEPARATOR HELIX | (22) 23.04.2015 | (32) 22.12.2010 |
| (73) OneSubsea IP UK Limited | (54) DEVICE FOR INTRODUCING A FLUID | 11.11.2011 |
| (72) HILL, Ronald J. | MEDIUM INTO A CONTAINER | 11.11.2011 |
| (31) 908103 | (73) Linde AG | (33) Japan |
| (32) 20.10.2010 | (72) MOLL, Anton | Japan |
| (33) United States of America | MATTEN, Christian | Japan |
| (51) B01D 19/02 | BAUS, Michael | (51) B01D 53/14 |
| B01D 19/00 | LAUCHNER, Daniela | B01D 53/80 |
| (11) EP3042705 | EHRNSPERGER, Manfred | B01D 53/86 |
| (21) EP14841017.8 | HAAG, Martin | C02F 1/52 |
| (47) 23.05.2018 | (31) 14001529 | F23J 15/00 |
| (87) CN2014085697 | (32) 30.04.2014 | F23J 15/02 |
| 05.03.2015 | (33) European Patent Office (EPO) | F23J 15/04 |
| (22) 01.09.2014 | (51) B01D 46/24 | B01D 1/18 |
| (54) DEFOAMING APPARATUS FOR HIGH- | (11) EP1870152 | B01D 1/20 |
| VISCOSITY PURE-CHITOSAN SPINNING | (21) EP06012773.5 | B01D 53/50 |
| SOLUTION | (47) 23.05.2018 | B01D 53/96 |
| (73) Hismer Bio-technology Co., Ltd. | (22) 21.06.2006 | C02F 1/04 |
| (72) ZHOU, Jiacun | (54) Filter with replacable insert | C02F 1/12 |
| HU, Guangmin | (73) Donaldson Filtration Deutschland GmbH | C02F 1/44 |
| (31) 201310391878 | (72) Groth, Peter | C02F 1/469 |
| (32) 02.09.2013 | Jens Schäfer | B01D 1/14 |
| (33) China | Abdelkhalic Rbayti | C02F 1/28 |
| (51) B01D 29/21 | Hans-Michael Schuster | C02F 101/10 |
| B01D 29/96 | (51) B01D 53/00 | C02F 101/12 |
| B01D 35/153 | B01D 9/00 | C02F 103/18 |
| B01D 35/16 | B04B 5/08 | C02F 101/20 |
| B01D 35/147 | B04B 11/02 | (11) EP2689821 |
| (11) EP2635360 | B04B 11/06 | (21) EP12761303.2 |
| (21) EP11788083.1 | C01B 21/04 | (47) 23.05.2018 |
| (47) 23.05.2018 | C01B 13/02 | (87) JP2012057037 |
| (87) EP2011069146 | F25J 3/00 | 27.09.2012 |
| 10.05.2012 | (11) EP3013457 | (22) 19.03.2012 |
| (22) 31.10.2011 | (21) EP14731939.6 | (54) EXHAUST GAS PROCESSING SYSTEM |
| (54) FILTER WITH A REPLACEABLE FILTER | (47) 23.05.2018 | AND METHOD |
| INSERT | (87) EP2014062575 | (73) Mitsubishi Hitachi Power Systems, Ltd. |
| (73) Hengst SE | 31.12.2014 | (72) UKAI, Nobuyuki |
| (72) ARDES, Wilhelm | (22) 16.06.2014 | KAGAWA, Seiji |
| (31) 102010043836 | (54) METHOD FOR SEPARATING A | NAGAYASU, Tatsuto |
| 102010043433 | LIQUEFIABLE GAS MIXTURE | KAMIYAMA, Naoyuki |
| (32) 12.11.2010 | (73) Fuchs, Alfred | FUKUDA, Toshihiro |
| 04.11.2010 | (72) Fuchs, Alfred | (31) 2011063363 |
| (33) Germany | (31) 5342013 | 2011071005 |
| Germany | (32) 27.06.2013 | (32) 22.03.2011 |
| (51) B01D 33/21 | (33) Austria | 28.03.2011 |
| B01D 33/76 | (51) B01D 53/14 | (33) Japan |
| B01D 33/80 | B01D 53/62 | Japan |
| B65G 53/46 | F23J 15/04 | (51) B01D 53/22 |
| (11) EP2362804 | C07C 215/08 | B01D 53/34 |
| (21) EP08875622.6 | (11) EP2705894 | B01D 53/92 |
| (47) 23.05.2018 | (21) EP13195568.4 | F01N 5/02 |
| (87) FR2008001530 | (47) 23.05.2018 | (11) EP2908928 |
| 06.05.2010 | (22) 21.12.2011 | (21) EP13783152.5 |
| (22) 30.10.2008 | (54) Acid gas absorbent, acid gas removal method | (47) 23.05.2018 |
| (54) DEVICE FOR EXTRACTING CAKES | and acid gas removal device | (87) US2013063877 |
| RESULTING FROM PRESSURISED | (73) Kabushiki Kaisha Toshiba | 24.04.2014 |
| DISC FILTRATION, AND ASSOCIATED | (72) Murai, Shinji | (22) 08.10.2013 |
| EXTRACTION METHOD | Maezawa, Yukishige | (54) METHOD AND SYSTEM FOR REMOVAL |
| (73) Gaudfrin | Kato, Yasuhiro | OF CO2 FROM INTERNAL COMBUSTION |
| (72) GAUDFRIN, Guy | Muramatsu, Takehiko | EXHAUST GAS USING FACILITATED |

| | | |
|--|---|---|
| TRANSPORT MEMBRANES AND STEAM SWEEPING | (87) PL2014050081 09.07.2015 | B01D 15/36 |
| (73) Saudi Arabian Oil Company | (22) 30.12.2014 | (11) EP2683480 |
| (72) HAMAD, Esam, Zaki | (54) A VISIBLE-LIGHT-ACTIVATED MULTILAYERED PHOTOCATALYST AND THE METHOD OF ITS PREPARATION | (21) EP12710837.1 |
| BAHAMDAN, Ahmed, A. HAMAD, Feras YAHAYA, Garba, Oloriegbe AL-SADAT, Wajdi Issam | (73) Uniwersytet Jagiellonski | (47) 23.05.2018 |
| (31) 201261714933 P | (72) MACYK, Wojciech | (87) US2012028586 |
| (32) 17.10.2012 | BUCHALSKA, Marta | 20.09.2012 |
| (33) United States of America | TROCHOWSKI, Mateusz | (22) 09.03.2012 |
| (51) B01D 53/62 | ABUZ, Przemyslaw | (54) ELECTROSTATICALLY BOUND HYPERBRANCHED ANION EXCHANGE SURFACE COATING PREPARED VIA CONDENSATION POLYMERIZATION USING TERTIARY AMINE LINKERS FOR IMPROVED DIVALENT ANION SELECTIVITY |
| B01D 53/78 | (31) 40670713 | (73) Dionex Corporation |
| B01D 53/80 | (32) 30.12.2013 | (72) POHL, Christopher A. |
| C01B 33/22 | (33) Poland | SRINIVASAN, Kannan |
| C01F 5/24 | (51) B01J 37/02 | BHARDWAJ, Sheetal |
| (11) EP2718230 | B01J 37/08 | (31) 201161451989 P |
| (21) EP12727348.0 | B01J 21/12 | (32) 11.03.2011 |
| (47) 23.05.2018 | B01J 23/89 | (33) United States of America |
| (87) EP2012060480 | B01J 23/75 | (51) B01L 1/02 |
| 13.12.2012 | B01J 35/00 | (11) EP3059014 |
| (22) 04.06.2012 | C10G 2/00 | (21) EP16156299.6 |
| (54) PROCESS FOR THE MINERALIZATION OF CARBON DIOXIDE | (11) EP2276563 | (47) 23.05.2018 |
| (73) Lafarge | (21) EP09733605.1 | (22) 18.02.2016 |
| (72) GARTNER, Ellis | (47) 23.05.2018 | (54) CONNECTING MEMBER |
| PISCH, Alexander | (87) IB2009051407 | (73) Aseptic Technologies S.A. |
| (31) 11305696 | 22.10.2009 | (72) BALERIAUX, Patrick |
| (32) 07.06.2011 | (22) 03.04.2009 | MARÉCHAL, Julien |
| (33) European Patent Office (EPO) | (54) Process for the preparation of a COBALT BASED FISCHER-TROPSCH CATALYST and Fischer Tropsch process | (31) 201505096 |
| (51) B01D 61/12 | (73) Sasol Technology (Proprietary) Limited | (32) 23.02.2015 |
| B01D 61/02 | (72) VAN DE LOOSDRECHT, Jan | (33) Belgium |
| C02F 1/44 | DATT, Michael, Steven | (51) B01L 3/00 |
| (11) EP2301651 | BOTHA, Jan Mattheus | C12M 1/34 |
| (21) EP10171697.5 | (31) 200803339 | (11) EP2227329 |
| (47) 23.05.2018 | 44934 P | (21) EP08862839.1 |
| (22) 03.08.2010 | (32) 15.04.2008 | (47) 23.05.2018 |
| (54) Method for regulating a separation assembly with a reverse osmosis element and reverse osmosis assembly | 15.04.2008 | (87) IB2008055142 |
| (73) Kronos AG | (33) South Africa | 25.06.2009 |
| (72) Scheu, Dirk | United States of America | (22) 08.12.2008 |
| (31) 102009040049 | (51) B01J 38/20 | (54) MICROFLUIDIC DEVICE, METHOD OF MANUFACTURING THE SAME AND SENSOR INCORPORATING THE SAME |
| (32) 03.09.2009 | B01J 38/16 | (73) Koninklijke Philips N.V. |
| (33) Germany | B01J 38/14 | (72) WIMBERGER-FRIEDL, Reinhold |
| (51) B01F 5/06 | B01J 38/06 | PENTERMAN, Roel |
| A01J 11/16 | B01J 23/92 | KURT, Ralph |
| (11) EP2869915 | (11) EP2340120 | PEETERS, Emiel |
| (21) EP13734085.7 | (21) EP09783875.9 | (31) 07123253 |
| (47) 23.05.2018 | (47) 23.05.2018 | (32) 14.12.2007 |
| (87) EP2013064183 | (87) EP2009063141 | (33) European Patent Office (EPO) |
| 09.01.2014 | 29.04.2010 | (51) B01L 3/00 |
| (22) 04.07.2013 | (22) 09.10.2009 | G04F 5/14 |
| (54) HOMOGENIZER VALVE AND METHOD | (54) METHOD FOR REMOVING CARBONACEOUS DEPOSITS FROM SURFACES OF CATALYSTS AND PLANT COMPONENTS | (11) EP2175995 |
| (73) Tetra Laval Holdings & Finance SA | (73) BASF SE | (21) EP08784858.6 |
| (72) HANSSON, Rikard | (72) WINTER, Manfred | (47) 23.05.2018 |
| (31) 1250783 | WEIGL, Hagen | (87) EP2008005878 |
| (32) 05.07.2012 | KRAMER, Andreas | 29.01.2009 |
| (33) Sweden | (31) 08167023 | (22) 17.07.2008 |
| (51) B01J 35/00 | (32) 20.10.2008 | (54) METHOD FOR THE PRODUCTION OF A CELL WITH A CAVITY |
| B01J 21/06 | (33) European Patent Office (EPO) | (73) Henning Völlm |
| B01J 31/04 | (51) B01J 39/26 | (72) VÖLLM, Henning |
| B01J 31/02 | B01J 41/04 | SCHMID, Ulrich |
| B01J 23/42 | B01J 41/20 | SCHÜTZE, Andreas |
| B01J 37/02 | B01J 47/00 | SEIDEL, Helmut |
| (11) EP3089818 | B01J 41/12 | FEILL, Dara |
| (21) EP14833605.0 | | |
| (47) 23.05.2018 | | |

| | | |
|--|---|---|
| (31) 102007034963 | Finland | (54) DISCHARGE HEAD AND DISPENSER WITH SUCH A DISCHARGE HEAD |
| (32) 26.07.2007 | (51) B04B 5/02 | (73) Aptar Radolfzell GmbH |
| (33) Germany | B04B 7/00 | (72) Baumann, Tobias |
| (51) B01L 3/00 | A61M 5/19 | (51) B05B 13/02 |
| G05D 7/06 | A61M 1/36 | B25B 11/00 |
| (11) EP3000530 | B01L 3/00 | B05B 15/04 |
| (21) EP15192652.4 | B04B 5/04 | (11) EP2790840 |
| (47) 23.05.2018 | G01N 33/49 | (21) EP12806822.8 |
| (22) 23.03.2012 | (11) EP2638968 | (47) 23.05.2018 |
| (54) CONTROL OF LIQUID FLOW SEQUENCE ON MICROFLUIDIC DEVICE | (21) EP11832738.6 | (87) US2012069157 |
| (73) Biosurfit, S.A. | (47) 23.05.2018 | 20.06.2013 |
| (72) GARCIA DA FONSECA, João REIS, Nuno | (87) KR2011007556 | (22) 12.12.2012 |
| TENREIRO, Tânia | 19.04.2012 | (54) CARRIER SYSTEMS FOR COATING PANELS |
| PINTO BORDEIRA, Sandro Miguel | (22) 12.10.2011 | (73) PPG Industries Ohio, Inc. |
| (31) 11105583 U | (54) CENTRIFUGATION METHOD | (72) LEWIS, Mark D. |
| (32) 24.03.2011 | (73) SNU R&DB Foundation | ROBERTSON, Walter J. |
| (33) Portugal | (72) JO, Chris Hyunchul | PARK, Mary |
| (51) B02C 1/02 | SHIN, Sue | GOODNOW, Nathan |
| B02C 21/02 | YOON, Kang Sup | SZUL, Jr., Joseph S. |
| (11) EP2921234 | (31) 20110059743 | DEWEESE, Jason |
| (21) EP15159270.6 | 20110020074 | (31) 201113327903 |
| (47) 23.05.2018 | 20100099128 | (32) 16.12.2011 |
| (22) 16.03.2015 | 20100099126 | (33) United States of America |
| (54) MATERIAL PROCESSING APPARATUS WITH AUXILIARY DRIVE SYSTEM | 20100099125 | (51) B05B 13/04 |
| (73) Terex GB Limited | 20100099124 | B05B 12/08 |
| (72) Hamilton, Jamie | 20100099123 | C23C 4/129 |
| Gilmour, Robert | (32) 20.06.2011 | B05B 7/20 |
| (31) 201404863 | 07.03.2011 | B05D 1/08 |
| (32) 18.03.2014 | 12.10.2010 | (11) EP2674225 |
| (33) United Kingdom | 12.10.2010 | (21) EP13171177.2 |
| (51) B02C 2/00 | 12.10.2010 | (47) 23.05.2018 |
| B02C 17/16 | (33) Korea (Republic) | (22) 10.06.2013 |
| B02C 17/18 | Korea (Republic) | (54) Spray plume position feedback for robotic motion to optimize coating quality, efficiency, and repeatability |
| (11) EP2307145 | Korea (Republic) | (73) General Electric Company |
| (21) EP09780341.5 | Korea (Republic) | (72) Lochner, Christopher Joseph |
| (47) 23.05.2018 | Korea (Republic) | Margolies, Joshua Lee |
| (87) EP2009058705 | Korea (Republic) | Dickinson, Jon. E. |
| 14.01.2010 | (51) B05B 1/16 | (31) 201213493364 |
| (22) 08.07.2009 | B05B 1/18 | (32) 11.06.2012 |
| (54) BEAD MILL WITH SEPARATOR | (11) EP2711083 | (33) United States of America |
| (73) Frewitt fabrique de machines S.A. | (21) EP13184900.2 | (51) B05B 15/12 |
| (72) BROOK-LEVINSON, Edward | (47) 23.05.2018 | F26B 21/10 |
| PETROV, Boris | (22) 18.09.2013 | F26B 23/02 |
| JOMINI, Thierry | (54) Shower head | F26B 25/00 |
| (31) 08160153 | (73) Hansgrohe SE | (11) EP2633922 |
| (32) 10.07.2008 | (72) Glunk, Günter | (21) EP13000726.3 |
| (33) European Patent Office (EPO) | Melle, Fabian | (47) 23.05.2018 |
| (51) B03C 1/00 | (31) 102012216960 | (22) 13.02.2013 |
| B03C 1/28 | (32) 21.09.2012 | (54) Apparatus for the thermal utilisation of a primary fluid and plant for the treatment of objects with such an apparatus |
| G01N 33/553 | (33) Germany | (73) Eisenmann SE |
| (11) EP1680229 | (51) B05B 7/00 | (72) Strobel, Volker |
| (21) EP04769683.6 | B05B 11/00 | (31) 102012004246 |
| (47) 23.05.2018 | (11) EP2669015 | (32) 01.03.2012 |
| (87) IB2004003432 | (21) EP12250119.0 | (33) Germany |
| 28.04.2005 | (47) 23.05.2018 | (51) B05D 3/12 |
| (22) 20.10.2004 | (22) 30.05.2012 | B05D 7/04 |
| (54) MAGNETIC ENRICHMENT METHOD | (54) Foam spray head assembly | (11) EP2069081 |
| (73) BioControl Systems, Inc. | (73) Derjin (Hong Kong) Holding Company Limited | (21) EP07843202.8 |
| (72) KORPELA, Matti | (72) Wang, Ya-Tsan | (47) 23.05.2018 |
| RUNDT, Kenneth | (51) B05B 11/00 | (87) US2007079489 |
| (31) 20031535 | (11) EP3162449 | 03.04.2008 |
| 20040159 | (21) EP15191981.8 | (22) 26.09.2007 |
| (32) 20.10.2003 | (47) 23.05.2018 | |
| 02.02.2004 | (22) 28.10.2015 | |
| (33) Finland | | |

| | | |
|--|--|---|
| (54) SYSTEM AND METHOD FOR CONTROLLING CURL IN MULTI-LAYER WEBS | (54) GAS ACCUMULATION DETECTION AND VENTILATION IN A GAS TURBINE ENCLOSURE | COMPONENTS FOR GEAR SYNCHRONISATION |
| (73) 3M Innovative Properties Company | (73) General Electric Company | (73) ATF Auer Teilefertigung GmbH |
| (72) SWANSON, Ronald P. HENDERSON, Andrew J. | (72) ZHANG, Hua CARDENAS, Manuel Moises | (72) Tautenhahn, Jens Leonhardt, Stephan |
| (31) 827380 P 827378 P | (31) 201514934806 | (51) B21F 1/04 B21D 11/12 B21F 27/12 |
| (32) 28.09.2006 | (32) 06.11.2015 | (11) EP2822714 |
| (33) United States of America United States of America | (33) United States of America | (21) EP13717980.0 |
| (51) B06B 1/12 B06B 1/18 F16F 7/10 D21F 1/18 | (51) B21B 38/12 (11) EP3120944 (21) EP16182740.7 | (47) 23.05.2018 (87) IB2013051740 12.09.2013 |
| (11) EP2898145 (21) EP13759501.3 (47) 23.05.2018 (87) EP2013068462 27.03.2014 | (22) 11.03.2014 (54) MEASURING THERMAL EXPANSION AND THE THERMAL CROWN OF ROLLS | (22) 05.03.2013 (54) METHOD AND SYSTEM FOR BENDING SPACERS |
| (22) 06.09.2013 | (73) Novelis, Inc. | (73) Anagnostopoulos, Antonios |
| (54) SHAKING UNIT AND METHOD FOR THE PNEUMATIC EXCITATION OF A SHAKING UNIT | (72) PRALONG, Antoine Jean Willy | (72) Anagnostopoulos, Antonios |
| (73) Voith Patent GmbH | (31) 201361776925 P | (31) 20120100138 |
| (72) BANNING, Jürgen | (32) 12.03.2013 | (32) 09.03.2012 |
| (31) 102012018362 102012018363 102013205180 | (33) United States of America | (33) Greece |
| (32) 18.09.2012 18.09.2012 25.03.2013 | (51) B21D 13/02 B21D 13/04 | (51) B21H 8/00 B21H 8/02 |
| (33) Germany Germany Germany | (11) EP2647445 (21) EP13162114.6 (47) 23.05.2018 (22) 03.04.2013 | (11) EP3202506 (21) EP17151350.0 (47) 23.05.2018 (22) 13.01.2017 |
| (51) B08B 9/28 B65D 55/02 F16K 5/06 A61B 50/36 B08B 9/00 F16K 35/02 B65D 47/20 | (54) Fin processing apparatus | (54) A METHOD FOR ROLLING METAL SHEETS WITH VARIABLE THICKNESS |
| (11) EP1909865 (21) EP06788556.6 (47) 23.05.2018 (87) US2006029024 01.02.2007 | (73) Calsonic Kansei Corporation | (73) C.R.F. Società Consortile per Azioni |
| (22) 25.07.2006 | (72) Tsuchiya, Minoru Kobayashi, Makoto | (72) COLOSSEO, Marco BASSAN, Daniele |
| (54) MEDICAL WASTE DISPOSAL SYSTEM ASSEMBLY | (31) 2012084541 2013051760 | (31) UB20160442 (32) 04.02.2016 (33) Italy |
| (73) Biofluid Technologies LLC | (32) 03.04.2012 14.03.2013 | (51) B21J 13/02 B21K 1/76 B21J 5/12 B62D 3/12 |
| (72) RADFORD, Richard RADFORD, Drew HOWARD, Jack WILLICH, Wayne | (33) Japan Japan | (11) EP2569116 (21) EP11779958.5 (47) 23.05.2018 (87) AU2011000501 17.11.2011 |
| (31) 190217 (32) 26.07.2005 | (51) B21D 43/00 B21D 43/12 B21C 1/30 B65H 51/14 | (22) 29.04.2011 (54) DIE APPARATUS AND METHOD FOR FORGING STEERING RACKS |
| (33) United States of America | (11) EP3216537 (21) EP17157157.3 (47) 23.05.2018 (22) 21.02.2017 | (73) Bishop Steering Technology Pty Ltd |
| (51) B08B 15/02 G01M 15/14 F01D 25/14 F01D 21/14 F24F 11/053 | (54) METHOD AND DEVICE FOR TRANSPORTING LONG METALLIC MATERIAL | (72) CORNISH, Wayne, Bruce |
| (11) EP3165295 (21) EP16196556.1 (47) 23.05.2018 (22) 31.10.2016 | (73) Muhr und Bender KG | (31) 2010901969 (32) 10.05.2010 (33) Australia |
| | (72) EICHNER, Harald SCHNEIDER, Christoph, Dr. PRITZ, Stephan | (51) B22C 3/00 C09C 1/30 |
| | (31) 102016104182 (32) 08.03.2016 (33) Germany | (11) EP1441887 (21) EP02779495.7 (47) 16.05.2018 (87) EP2002011612 08.05.2003 |
| | (51) B21D 53/28 B21D 28/16 B21K 1/30 B23P 15/14 B23F 17/00 F16D 23/02 | (22) 17.10.2002 (54) ANTI-ADHESIVELY COATED FORMING TOOLS |
| | (11) EP3210688 (21) EP16400003.6 (47) 23.05.2018 (22) 24.02.2016 | (73) Momentive Performance Materials GmbH |
| | (54) METHOD AND TOOL FOR THE PRODUCTION OF METAL | (72) HEILIG, Gerhard GROSS, Thomas STEINBERGER, Helmut |
| | | (31) 10153352 (32) 29.10.2001 |

| | | |
|---------------------------------------|---|---------------------------------------|
| (33) Germany | (33) European Patent Office (EPO) | (11) EP2812141 |
| (51) B22D 27/04 | (51) B22F 1/02 | (21) EP13705016.7 |
| (11) EP2900403 | B22F 9/00 | (47) 23.05.2018 |
| (21) EP13773301.0 | H01B 1/00 | (87) IL2013050032 |
| (47) 23.05.2018 | H01B 1/22 | 22.08.2013 |
| (87) FR2013052113 | H01B 13/00 | (22) 13.01.2013 |
| 03.04.2014 | H01G 4/00 | (54) INDEXABLE DOUBLE-NEGATIVE |
| (22) 16.09.2013 | H01G 4/232 | CUTTING INSERT HAVING |
| (54) SHELL MOULD HAVING A HEAT | H01G 4/30 | PROTRUDING SIDE ABUTMENT |
| SHIELD | B22F 1/00 | SURFACES AND CUTTING TOOL |
| (73) SNECMA | H01G 4/008 | (73) Iscar Ltd. |
| (72) FARGEAS, Serge | C09D 5/24 | (72) CHEN, Danny |
| COYEZ, Dominique | B22F 7/00 | (31) 201213367983 |
| (31) 1258966 | H01G 4/12 | (32) 07.02.2012 |
| (32) 25.09.2012 | (11) EP3034202 | (33) United States of America |
| (33) France | (21) EP14836934.1 | (51) B23B 27/16 |
| (51) B22F 1/00 | (47) 23.05.2018 | B23B 1/00 |
| B22F 1/02 | (87) JP2014071340 | (11) EP3153260 |
| B22F 9/24 | 19.02.2015 | (21) EP15189172.8 |
| H01B 1/00 | (22) 12.08.2014 | (47) 23.05.2018 |
| H01B 1/22 | (54) METAL POWDER PASTE AND METHOD | (22) 09.10.2015 |
| H01B 13/00 | FOR PRODUCING SAME | (54) TURNING INSERT AND METHOD |
| C09D 5/24 | (73) JX Nippon Mining & Metals Corporation | (73) Sandvik Intellectual Property AB |
| H01B 1/02 | (72) FURUSAWA, Hideki | (72) LÖF, Ronnie |
| (11) EP3015195 | (31) 2013168386 | Johansson, Adam |
| (21) EP14816104.5 | (32) 13.08.2013 | (51) B23C 5/20 |
| (47) 23.05.2018 | (33) Japan | B23B 27/14 |
| (87) JP2014063938 | (51) B22F 9/20 | B23C 5/08 |
| 31.12.2014 | H01G 9/052 | B23C 5/10 |
| (22) 27.05.2014 | (11) EP2446986 | (11) EP2727673 |
| (54) FLAKE-LIKE SILVER POWDER, | (21) EP10791134.9 | (21) EP12805267.7 |
| CONDUCTIVE PASTE, AND METHOD | (47) 23.05.2018 | (47) 23.05.2018 |
| FOR PRODUCING FLAKE-LIKE SILVER | (87) CN2010000414 | (87) JP2012066578 |
| POWDER | 29.12.2010 | 03.01.2013 |
| (73) Kaken Tech Co., Ltd | (22) 31.03.2010 | (22) 28.06.2012 |
| (72) HORI Shigeo | (54) PROCESS FOR PREPARING TANTALUM | (54) CUTTING INSERT, CUTTING TOOL, |
| FURUI Hirohiko | POWDER FOR CAPACITORS | AND METHOD FOR MANUFACTURING |
| (31) 2013132174 | (73) Ningxia Orient Tantalum Industry Co., Ltd. | CUT WORKPIECE USING SAME |
| (32) 25.06.2013 | (72) SHI, Wenfeng | (73) Kyocera Corporation |
| (33) Japan | CHEN, Xueqing | (72) YAMAMOTO, Masahiro |
| (51) B22F 1/00 | LI, Yong | (31) 2011145347 |
| C22C 29/08 | XI, Xudong | (32) 30.06.2011 |
| B22F 3/12 | GUO, Tao | (33) Japan |
| B22F 3/15 | (31) 200910148628 | (51) B23D 31/00 |
| B22F 3/10 | (32) 25.06.2009 | B62D 55/21 |
| B22F 3/105 | (33) China | F16C 9/04 |
| B22F 7/06 | (51) B23B 3/26 | B26F 3/00 |
| B22F 9/04 | B23B 3/22 | B23P 15/00 |
| B28B 3/00 | B23B 5/16 | (11) EP3170599 |
| C22C 29/02 | B23Q 1/40 | (21) EP16002284.4 |
| C22C 29/10 | B23Q 9/00 | (47) 23.05.2018 |
| C22C 29/16 | (11) EP2903765 | (22) 26.10.2016 |
| B33Y 10/00 | (21) EP13779982.1 | (54) METHOD FOR NON-LINEAR FRACTURE |
| B33Y 40/00 | (47) 23.05.2018 | SPLITTING |
| (11) EP3134222 | (87) US2013062999 | (73) Caterpillar Inc. |
| (21) EP15720303.5 | 10.04.2014 | (72) Rathod, Chandrasen R. |
| (47) 23.05.2018 | (22) 02.10.2013 | Richerson, Chris |
| (87) EP2015058790 | (54) BEARING ASSEMBLY FOR A PIPE | (31) 201514947601 |
| 29.10.2015 | MACHINING APPARATUS | (32) 20.11.2015 |
| (22) 23.04.2015 | (73) Illinois Tool Works Inc. | (33) United States of America |
| (54) A METHOD OF MAKING CERMET OR | (72) COAKLEY, Roy C. | (51) B23D 47/00 |
| CEMENTED CARBIDE POWDER | (31) 201261709531 P | B27B 5/29 |
| (73) Sandvik Intellectual Property AB | 201313796211 | B27G 19/02 |
| (72) MADERUD, Carl-Johan | (32) 04.10.2012 | (11) EP2969337 |
| SUNDSTRÖM, Johan | 12.03.2013 | (21) EP14772753.1 |
| EKELUND, Magnus | (33) United States of America | (47) 23.05.2018 |
| (31) 14165842 | United States of America | (87) US2014026227 |
| (32) 24.04.2014 | (51) B23B 27/16 | 02.10.2014 |

| | | |
|--|--|--|
| (22) 13.03.2014 | B23K 103/04 | (33) Germany |
| (54) ROTATING SAW WITH BALANCED DYNAMIC BRAKING | B23K 103/12 | (51) B23P 11/02 |
| (73) Robert Bosch GmbH | B23K 103/16 | F01L 1/047 |
| (72) VOONG, Gary | B23K 103/18 | F16B 4/00 |
| JAYARAMAN, Prashant | (11) EP2956682 | F16D 1/08 |
| (31) 201361781931 P | (21) EP14702607.4 | F16H 53/02 |
| (32) 14.03.2013 | (47) 23.05.2018 | (11) EP3162495 |
| (33) United States of America | (87) EP2014052151 | (21) EP16194359.2 |
| (51) B23H 11/00 | 21.08.2014 | (47) 23.05.2018 |
| B23H 1/10 | (22) 04.02.2014 | (22) 18.10.2016 |
| (11) EP2662175 | (54) FRICTION WELDING ELEMENT, AND A METHOD FOR CONNECTING THE FRICTION WELDING ELEMENT TO A HOUSING | (54) DEVICE FOR HEATING A PLURALITY OF FUNCTIONAL ELEMENTS |
| (21) EP13163457.8 | (73) Böllhoff Verbindungstechnik GmbH | (73) Mahle International GmbH |
| (47) 23.05.2018 | (72) STUMPF, Michael | Maschinenbau-Service- Automatisierungstechnik Chemnitz GmbH |
| (22) 12.04.2013 | (31) 102013202583 | (72) MENONNA, Antonio |
| (54) Two-stage interlocked sliding door for machining tank of electric discharge machine | (32) 18.02.2013 | MORGENSTERN, Stefan |
| (73) FANUC CORPORATION | (33) Germany | SCHACHERER, Roland |
| (72) Yamasaki, Mizuho | (51) B23K 35/363 | (31) 102015220979 |
| (31) 2012107753 | B23K 35/26 | (32) 27.10.2015 |
| (32) 09.05.2012 | C22C 12/00 | (33) Germany |
| (33) Japan | B23K 1/08 | (51) B23Q 16/10 |
| (51) B23K 1/08 | B08B 7/02 | (11) EP3150331 |
| B08B 3/12 | B23K 3/12 | (21) EP16190232.5 |
| B23K 1/20 | B23K 35/02 | (47) 23.05.2018 |
| B23K 3/06 | C08K 5/09 | (22) 22.09.2016 |
| B23K 3/08 | C08K 5/29 | (54) TOOL-HOLDER TURRET WITH COAXIAL BRAKE |
| (11) EP2953757 | C08G 59/38 | (73) Diplomatic Automation S.r.l. |
| (21) EP13811424.4 | C08L 63/00 | (72) De Bernardi, Franco |
| (47) 23.05.2018 | C08L 79/04 | (31) UB20153942 |
| (87) EP2013076625 | (11) EP2716404 | (32) 28.09.2015 |
| 24.07.2014 | (21) EP11866102.4 | (33) Italy |
| (22) 13.12.2013 | (47) 23.05.2018 | (51) B24B 21/04 |
| (54) METHOD OF AND SOLDERING DEVICE WITH A DEVICE FOR CLEANING A SOLDERING NOZZLE USING A SOUND SOURCE | (87) JP2011073250 | B24D 13/04 |
| (73) SEHO Systemtechnik GmbH | 29.11.2012 | B24D 13/10 |
| (72) HERZ, Thomas | (22) 07.10.2011 | B24B 29/00 |
| SCHMITT, Gerald | (54) SOLDERING PASTE FLUX AND SOLDERING PASTE | (11) EP3099449 |
| ZOCH, Reiner | (73) Harima Chemicals, Inc. | (21) EP15788371.1 |
| WALTER, Markus | (72) HAMAGAWA, Teruyoshi | (47) 23.05.2018 |
| (31) 102013100473 | KUKIMOTO, Yoichi | (87) EP2015074941 |
| (32) 17.01.2013 | HASEGAWA, Taku | 06.05.2016 |
| (33) Germany | SAKURAI, Hitoshi | (22) 28.10.2015 |
| (51) B23K 20/12 | (31) 2011117076 | (54) PROCESSING ELEMENT FOR PROCESSING A PROFILE-SHAPED OR FLAT METALLIC WORKPIECE AND BAND-SHAPED SUPPORTING DEVICE HAVING A PLURALITY OF PROCESSING ELEMENTS MOUNTED THEREUPON |
| (11) EP2785488 | (32) 25.05.2011 | (73) LISSMAC Maschinenbau GmbH |
| (21) EP12853267.8 | (33) Japan | (72) KRUMMENAUER, Stefan |
| (47) 23.05.2018 | (51) B23P 11/02 | (31) 102014115778 |
| (87) US2012067389 | F01L 1/047 | (32) 30.10.2014 |
| 06.06.2013 | B23P 11/00 | (33) Germany |
| (22) 30.11.2012 | B23P 19/02 | (51) B24B 41/06 |
| (54) LINEAR FRICTION WELDER WITH HELICAL GROOVE | F16D 1/06 | B23Q 1/76 |
| (73) APCI, LLC | F16B 4/00 | B24B 5/42 |
| (72) JOHNSON, Stephen, A. | F16H 53/02 | (11) EP3079858 |
| (31) 201113309054 | F16D 1/08 | (21) EP14787119.8 |
| (32) 01.12.2011 | (11) EP3162496 | (47) 23.05.2018 |
| (33) United States of America | (21) EP16194634.8 | (87) EP2014071650 |
| (51) B23K 20/12 | (22) 19.10.2016 | 18.06.2015 |
| B23K 35/02 | (54) DEVICE FOR JOINING A NUMBER OF FUNCTIONAL ELEMENTS ON A SHAFT | (22) 09.10.2014 |
| B29C 65/06 | (73) Mahle International GmbH | (54) GRINDING MACHINE HAVING A STEADY REST FOR SUPPORTING CENTRAL WORKPIECE REGIONS DURING THE MACHINING OF |
| B29C 65/10 | Maschinenbau-Service- Automatisierungstechnik Chemnitz GmbH | |
| B29C 65/72 | (72) MENONNA, Antonio | |
| B29L 1/00 | MORGENSTERN, Stefan | |
| F16B 37/06 | SCHACHERER, Roland | |
| F16B 37/12 | (31) 102015220981 | |
| | (32) 27.10.2015 | |

| | | |
|--|---|---|
| CENTRAL AND/OR ECCENTRIC WORKPIECE REGIONS, IN PARTICULAR BEARING POINTS ON CRANKSHAFTS | (73) Robert Bosch GmbH (72) ROEHM, Heiko SAUR, Dietmar (31) 102008043795 (32) 17.11.2008 (33) Germany | B26B 19/38 B65D 6/06 (11) EP3079864 (21) EP14870506.4 (47) 23.05.2018 (87) US2014065076 18.06.2015 (22) 11.11.2014 (54) SHAVING ASSEMBLY DISPENSER (73) Shavelogic, Inc. (72) PROVOST, Craig A. GRIFFIN, John W. TUCKER, William E. (31) 201314101163 (32) 09.12.2013 (33) United States of America |
| (73) Erwin Junker Maschinenfabrik GmbH (72) JUNKER, Erwin (31) 102013225292 (32) 09.12.2013 (33) Germany | (51) B25B 13/48 G01Q 60/36 G01Q 70/02 G01N 3/42 G01N 19/04 (11) EP3027365 (21) EP14831561.7 (47) 23.05.2018 (87) US2014049379 05.02.2015 (22) 01.08.2014 (54) INSTRUMENT CHANGING ASSEMBLY AND METHODS FOR THE SAME (73) Hysitron, Inc. (72) DAMA, Rajiv ZIGELMAN, Svetlana (31) 201361861306 P (32) 01.08.2013 (33) United States of America | (51) B25D 16/00 (11) EP2497609 (21) EP10826582.8 (47) 23.05.2018 (87) JP2010068482 05.05.2011 (22) 20.10.2010 (54) STRIKING TOOL (73) Makita Corporation (72) AOKI Yonosuke (31) 2009251930 (32) 02.11.2009 (33) Japan |
| (51) B25B 21/00 B25B 21/02 H02P 6/15 (11) EP3009235 (21) EP15157271.6 (47) 23.05.2018 (22) 03.03.2015 (54) Rotary impact tool (73) Panasonic Intellectual Property Management Co., Ltd. (72) Tsubakimoto, Hiroyuki Miyazaki, Hiroshi Oishi, Ryohei (31) 2014185804 (32) 12.09.2014 (33) Japan | (51) B25H 3/02 (11) EP2913160 (21) EP15162456.6 (47) 23.05.2018 (22) 11.11.2010 (54) MODULE SYSTEM COMPRISING A CASE AND A NUMBER OF BOXES (73) ESSVE Produkter AB (72) Karlsson, Samuel Nilsson, Magnus Larson, Ove (31) 0951020 (32) 23.12.2009 (33) Sweden | (51) B26B 21/56 B26B 21/40 B26B 21/58 C22C 38/22 B21D 53/64 C21D 6/00 C21D 9/00 C21D 9/18 C21D 1/02 C21D 1/18 C22C 38/02 C22C 38/04 (11) EP2004365 (21) EP07735399.3 (47) 23.05.2018 (87) IB2007051229 18.10.2007 (22) 05.04.2007 (54) CUTTING MEMBERS FOR SHAVING RAZORS (73) The Gillette Company LLC (72) MASEK, William GUAY, Matthew, J. BOND, Michael, J. DEPUYDT, Joseph, A. XU, Ming, Laura (31) 400989 (32) 10.04.2006 (33) United States of America |
| (51) B25B 21/00 B25F 5/00 (11) EP2331296 (21) EP09780610.3 (47) 23.05.2018 (87) EP2009059038 04.03.2010 (22) 15.07.2009 (54) POWER TOOL GEAR DEVICE (73) Robert Bosch GmbH (72) ROEHM, Heiko (31) 102008041718 (32) 29.08.2008 (33) Germany | (51) B25J 9/00 B25J 17/02 G01B 5/008 (11) EP2040889 (21) EP07733190.8 (47) 23.05.2018 (87) GB2007002181 21.12.2007 (22) 11.06.2007 (54) COORDINATE POSITIONING MACHINE (73) Renishaw PLC (72) MCMURTRY, David Roberts (31) 0611979 (32) 16.06.2006 (33) United Kingdom | (51) B26B 19/20 B26B 19/38 B26B 19/46 (11) EP2747960 (21) EP12759229.3 (47) 23.05.2018 (87) IB2012053775 28.02.2013 (22) 25.07.2012 (54) HAIR TRIMMER WITH CUTTING GUIDE (73) Koninklijke Philips N.V. (72) HALMUT, Ishay NIJDAM, Jeroen Christian (31) 201161525875 P (32) 22.08.2011 (33) United States of America |
| (51) B25B 21/00 B25F 5/00 (11) EP2358502 (21) EP09736979.7 (47) 23.05.2018 (87) EP2009063776 20.05.2010 (22) 21.10.2009 (54) SWITCHABLE PLANETARY GEAR SET IN A HANDHELD MACHINE TOOL | (51) B26B 21/24 B26B 21/40 A45D 27/22 | (51) B26D 7/26 B26F 1/38 B31F 1/07 (11) EP3181312 (21) EP17020021.6 (47) 23.05.2018 (22) 04.03.2014 (54) ADJUSTABLE ARRANGEMENT FOR TRANSFORMING A PLANAR SUPPORT, CASSETTE, UNIT AND MACHINE PROVIDED WITH SAME (73) BOBST MEX SA (72) Dénisse, Guillaume Kuhn, Christophe (31) 13001150 (32) 07.03.2013 (33) European Patent Office (EPO) |
| | (51) B27D 5/00 (11) EP2902160 (21) EP15153849.3 (47) 23.05.2018 (22) 04.02.2015 | |

| | | |
|--|--|-------------------------------------|
| (54) MACHINE FOR EDGEBANDING WOOD PANELS OR THE LIKE | (11) EP3112109 | (72) PRANOV, Henrik |
| (73) BIESSE S.p.A. | (21) EP16165318.3 | KOFOD, Guggi |
| (72) Forlani, Filippo | (47) 23.05.2018 | (31) 201300222 |
| Saltarelli, Roberto | (22) 14.04.2016 | (32) 13.04.2013 |
| (31) BO20140047 | (54) IMPROVED PREFORMS AND | (33) Denmark |
| (32) 04.02.2014 | PROCESSES FOR MAKING BAG IN | (51) B29C 35/16 |
| (33) Italy | BOTTLE CONTAINERS | B29C 45/72 |
| (51) B27F 1/02 | (73) The Procter & Gamble Company | (11) EP3045286 |
| B23D 49/11 | (72) Pijls, Stefaan | (21) EP16000065.9 |
| B27B 33/02 | (31) 15174199 | (47) 23.05.2018 |
| (11) EP2804728 | (32) 29.06.2015 | (22) 13.01.2016 |
| (21) EP12700696.3 | (33) European Patent Office (EPO) | (54) POST-MOLD COOLING METHOD AND |
| (47) 23.05.2018 | (51) B29B 11/14 | APPARATUS WITH CYCLONE COOLING |
| (87) EP2012050832 | B29B 11/16 | EFFECT |
| 25.07.2013 | B29C 70/48 | (73) YUDO ValuePro Lab Canada Inc. |
| (22) 20.01.2012 | B29C 70/22 | (72) Unterlander, Richard Matthias |
| (54) METHOD AND TOOL FOR FORMING OF | B29C 70/54 | (31) 201562102764 P |
| UNDERCUT GROOVES | B29C 45/14 | (32) 13.01.2015 |
| (73) IKEA Supply AG | B29K 101/12 | (33) United States of America |
| (72) ANDERSSON, Benny | B29K 105/20 | (51) B29C 39/06 |
| (51) B27N 3/14 | (11) EP3024639 | B28B 5/02 |
| (11) EP2786849 | (21) EP14755864.7 | B29C 43/08 |
| (21) EP14158756.8 | (47) 23.05.2018 | A21C 9/08 |
| (47) 23.05.2018 | (87) FR2014051876 | B28B 5/04 |
| (22) 11.03.2014 | 29.01.2015 | A21C 15/00 |
| (54) Method for producing a multi-layered | (22) 21.07.2014 | B28B 5/06 |
| fibreboard panel, and a multi-layered | (54) METHOD FOR INJECTION MOLDING | B30B 5/06 |
| fibreboard panel | A PART MADE OF A COMPOSITE | (11) EP1957250 |
| (73) HOMANN Holzwerkstoffe GmbH | MATERIAL HAVING ADVANCE PRE- | (21) EP06824391.4 |
| (72) Homann, Fritz | CONSOLIDATION OF THE FIBROUS | (47) 23.05.2018 |
| Tröger, Matthias | PREFORM | (87) NZ2006000300 |
| (31) 102013103272 | (73) SAFRAN | 24.05.2007 |
| (32) 02.04.2013 | (72) TRANQUART, Bastien | (22) 16.11.2006 |
| (33) Germany | PAUTARD, Sébastien | (54) IMPROVEMENTS IN OR RELATING TO |
| (51) B29B 7/18 | (31) 1357193 | FORMING APPARATUS |
| B29B 7/82 | (32) 22.07.2013 | (73) Manufacturing Systems Limited |
| C08L 27/12 | (33) France | (72) NICHOLLS, Christopher, John |
| C08J 3/20 | (51) B29B 11/16 | GIURGIU, Gabriel, Ioan |
| C08J 3/24 | (11) EP3110603 | BUCKINGHAM, Samuel, Gwynn |
| C08K 3/04 | (21) EP15707113.5 | (31) 54362905 |
| (11) EP3213897 | (47) 23.05.2018 | 736842 P |
| (21) EP17167250.4 | (87) EP2015054049 | 55063706 |
| (47) 23.05.2018 | 03.09.2015 | (32) 16.11.2005 |
| (22) 18.01.2013 | (22) 26.02.2015 | 16.11.2005 |
| (54) FLUORORUBBER ARTICLE | (54) PRODUCTION OF CURVED PREFORMS | 18.10.2006 |
| OBTAINABLE FROM FLUORORUBBER | (73) Deutsches Zentrum für Luft- und Raumfahrt | (33) New Zealand |
| COMPOSITION | e.V. | United States of America |
| (73) DAIKIN INDUSTRIES, LTD. | (72) STAHL, Arne | New Zealand |
| (72) Ota, Daisuke | BORGWARDT, Henrik | (51) B29C 39/06 |
| Ueda, Akinori | HÜHNE, Christian | B28B 5/02 |
| Kadowaki, Yuu | (31) 202014100927 U | B29C 43/08 |
| Taeda, Mayuko | (32) 28.02.2014 | A21C 9/08 |
| Kitaichi, Masanori | (33) Germany | B28B 5/04 |
| Doi, Michiko | (51) B29C 33/42 | A21C 15/00 |
| Yamamura, Kazuhiro | B29C 45/37 | B28B 5/06 |
| Fukuoka, Shoji | G06K 19/06 | B30B 5/06 |
| (31) 201261589176 P | B29C 45/26 | (11) EP1954464 |
| 201261603021 P | (11) EP2983885 | (21) EP06824392.2 |
| (32) 20.01.2012 | (21) EP14783207.5 | (47) 23.05.2018 |
| 24.02.2012 | (47) 23.05.2018 | (87) NZ2006000301 |
| (33) United States of America | (87) DK2014000018 | 24.05.2007 |
| United States of America | 16.10.2014 | (22) 16.11.2006 |
| (51) B29B 11/14 | (22) 11.04.2014 | (54) IMPROVEMENTS IN OR RELATING TO |
| B29B 11/08 | (54) METHOD AND APPARATUS FOR | FORMING APPARATUS |
| B29C 45/44 | PRODUCING A 2D BARCODE | (73) Manufacturing Systems Limited |
| B29C 45/14 | ENCODED PART BY MOLDING BEING | (72) NICHOLLS, Christopher, John |
| B65D 77/06 | IDENTIFIABLE USING A SMARTPHONE | GIURGIU, Gabriel, Ioan |
| | (73) Rel8 ApS | BUCKINGHAM, Samuel, Gwynn |

| | | |
|---|---|--|
| (31) 54362905 736842 P 55063706 | (54) INJECTION MOLDING DEVICE COMPRISING MOVABLE STRIPPERS | (33) China |
| (32) 16.11.2005 16.11.2005 18.10.2006 | (73) Braun GmbH (72) Kunz, Marc (31) 15174563 (32) 30.06.2015 | (51) B29C 51/08 B21D 22/20 B29C 51/14 B32B 38/12 |
| (33) New Zealand United States of America New Zealand | (33) European Patent Office (EPO) | (11) EP3105038 (21) EP15700310.4 (47) 23.05.2018 (87) EP2015050589 13.08.2015 (22) 14.01.2015 |
| (51) B29C 41/20 B29K 19/00 B29L 31/26 C08K 3/00 C08K 3/013 C08K 3/04 C08K 5/04 C08K 5/09 C08K 5/14 C08K 5/3415 C08K 5/3447 C08K 5/36 C08L 23/22 F01D 11/00 F04D 19/04 F04D 29/02 F04D 29/08 F16J 15/00 C08K 3/22 | (51) B29C 47/86 B29C 47/90 E04F 13/04 E04F 13/06 E04F 19/02 E04F 19/06 E06B 1/62 | (47) 23.05.2018 (73) Bayerische Motoren Werke Aktiengesellschaft (72) CONZE, Michael HAMMER, Maik (31) 102014202357 (32) 10.02.2014 (33) Germany |
| (11) EP2896649 (21) EP14151702.9 (47) 23.05.2018 (22) 20.01.2014 (54) Sealing material (73) Enrichment Technology Company Ltd. Zweigniederlassung Deutschland | (11) EP1952969 (21) EP08001257.8 (47) 23.05.2018 (22) 23.01.2008 (54) Molding component made from extruded plastic with a surface anchoring structure (73) Lehrhuber, Konrad (72) Lehrhuber, Konrad (31) 102007003511 (32) 24.01.2007 (33) Germany | (51) B29C 65/08 B65B 51/22 B65B 59/04 B65B 9/10 F15B 15/10 |
| (72) Jurgens, Wolfgang | (51) B29C 49/12 B29C 49/78 B29C 49/06 B29C 49/36 B29C 49/42 B29C 49/64 B29K 23/00 B29K 105/00 B29K 67/00 B29L 31/00 G05B 19/18 | (11) EP2743059 (21) EP13197182.2 (47) 23.05.2018 (22) 13.12.2013 (54) Retrofit of a form-fill-seal machine heat station with an advanced ultrasonic welding kit (73) Rinco Ultrasonics USA Inc. (72) Hull, Gordon (31) 201213713237 201314056050 (32) 13.12.2012 17.10.2013 (33) United States of America United States of America |
| (51) B29C 45/00 B29B 13/02 B29D 23/00 B29C 43/02 B29C 57/04 B29C 59/02 G01F 1/66 G01F 15/00 G01F 15/14 | (11) EP3172033 (21) EP15754266.3 (47) 23.05.2018 (87) FR2015051976 28.01.2016 (22) 17.07.2015 (54) METHOD FOR CONTROLLING A METHOD FOR THE BLOW-MOULDING OF PLASTIC CONTAINERS (73) Sidel Participations (72) DERRIEN, Mikael (31) 1457220 (32) 25.07.2014 (33) France | (51) B29C 65/36 B29C 65/78 B29L 7/00 B29K 307/04 H05B 6/10 H05B 6/40 (11) EP2907651 (21) EP15151123.5 (47) 23.05.2018 (22) 14.01.2015 (54) Method and device for induction welding of parts made of composite materials (73) AIRBUS OPERATIONS (S.A.S) (72) Chotard, Florian Collart, Cyrille Trichet, Didier Fouladgar, Javad (31) 1451293 (32) 18.02.2014 (33) France |
| (11) EP2900447 (21) EP13811378.2 (47) 23.05.2018 (87) EP2013003661 12.06.2014 (22) 04.12.2013 (54) HOT MANDREL PRESSING METHOD (73) Sartorius Stedim Biotech GmbH (72) REGEN, Thomas PURMANN, Sebastian PASCHALIS, Nikoloudis GRIMM, Christian | (51) B29C 49/56 B29L 22/00 (11) EP2977181 (21) EP13879222.1 (47) 23.05.2018 (87) CN2013074913 25.09.2014 (22) 27.04.2013 (54) SYSTEM WITH BOTTOM DIE LIFTING MECHANISM (73) Jiangsu Newamstar Packaging Machinery Co., Ltd (72) DONG, Hailong CHU, Xingan SHEN, Xiangyu HE, Deping (31) 201310089029 (32) 19.03.2013 | (51) B29C 65/78 B29C 65/30 B29C 65/22 B29C 65/48 B29C 65/54 (11) EP3135458 (21) EP16185876.6 (47) 23.05.2018 |
| (31) 202012012729 U 102013015069 | (31) 201310089029 | |
| (32) 04.12.2012 10.09.2013 | | |
| (33) Germany Germany | | |
| (51) B29C 45/16 (11) EP3112120 (21) EP16165008.0 (47) 23.05.2018 (22) 13.04.2016 | | |

| | | |
|--------------------------------------|---|---------------------------------------|
| (22) 26.08.2016 | REMOVING A CONTACT LENS FROM A | (72) BAUERNFEIND, Roman |
| (54) CLAMPING SYSTEM FOR POSITIONING | CONTAINER | (31) 102014003886 |
| A FIRST COMPONENT AND A SECOND | (73) Novartis AG | (32) 19.03.2014 |
| COMPONENT RELATIVE TO EACH | (72) BIEL, Roger | (33) Germany |
| OTHER AS WELL AS A METHOD | HARTERT, Carolin | (51) B32B 1/08 |
| FOR PRODUCING A DIMENSIONAL | (31) 252476 P | B32B 27/32 |
| COMPENSATION BETWEEN TWO | (32) 16.10.2009 | C08F 210/06 |
| COMPONENTS | (33) United States of America | C08J 5/18 |
| (73) Airbus Operations GmbH | (51) B29D 15/00 | F16L 9/12 |
| (72) Malke, Christian | B29C 45/14 | C08F 10/00 |
| Schildt, Rainer | F16H 55/06 | B32B 27/08 |
| (31) 102015114359 | (11) EP3034286 | C08F 10/14 |
| (32) 28.08.2015 | (21) EP15200694.6 | (11) EP2931513 |
| (33) Germany | (47) 23.05.2018 | (21) EP13798295.5 |
| (51) B29C 70/44 | (22) 17.12.2015 | (47) 23.05.2018 |
| B29C 70/34 | (54) COMPOSITE SPROCKET WHEEL AND | (87) EP2013074555 |
| B29L 31/08 | METHOD FOR FORMING THE SAME | 19.06.2014 |
| (11) EP2909013 | (73) Widek B.V. | (22) 25.11.2013 |
| (21) EP13780312.8 | (72) van de Lagemaat, Jan Pieter | (54) PROPYLENE-BASED TERPOLYMERS |
| (47) 23.05.2018 | (31) 2014004 | (73) Basell Poliolefine Italia S.r.l. |
| (87) EP2013003058 | (32) 18.12.2014 | (72) GALVAN, Monica |
| 01.05.2014 | (33) Netherlands | NEUMANN, Andreas |
| (22) 11.10.2013 | (51) B29L 31/00 | FUSCO, Ofelia |
| (54) DEVICE AND METHOD FOR | A61B 17/22 | GADDI, Benedetta |
| PRODUCING A ROTOR BLADE BELT | B29C 47/00 | COLLINA, Gianni |
| (73) Senvion GmbH | A61M 25/10 | CAPUTO, Tiziana |
| (72) BENDEL, Urs | (11) EP3157612 | SQUARZONI, Stefano |
| ZELLER, Lenz, Simon | (21) EP15731810.6 | MAZZUCCO, Antonio |
| EYB, Enno | (47) 23.05.2018 | (31) 12196624 |
| RICHERS, Tilman | (87) US2015036160 | 201261736364 P |
| WITTHUS, Jan-Peter | 23.12.2015 | (32) 12.12.2012 |
| (31) 102012219226 | (22) 17.06.2015 | 12.12.2012 |
| (32) 22.10.2012 | (54) MEDICAL BALLOON INCLUDING | (33) European Patent Office (EPO) |
| (33) Germany | PLEATS | United States of America |
| (51) B29C 70/88 | (73) Covidien LP | (51) B32B 5/12 |
| B29C 70/30 | (72) SCHNEIDER, Mark | F01D 5/14 |
| B29C 70/08 | STEELE, Bradley | F01D 5/28 |
| B29C 70/48 | ANDERSON, Christopher | F04D 29/02 |
| (11) EP2897788 | YANG, Kumin | F04D 29/32 |
| (21) EP13756181.7 | (31) 201462013219 P | F04D 29/38 |
| (47) 23.05.2018 | 201562137897 P | (11) EP2846047 |
| (87) EP2013068262 | (32) 17.06.2014 | (21) EP13785070.7 |
| 27.03.2014 | 25.03.2015 | (47) 23.05.2018 |
| (22) 04.09.2013 | (33) United States of America | (87) JP2013061837 |
| (54) FUNCTIONALLY OPTIMISED FIBRE | United States of America | 07.11.2013 |
| COMPOSITE COMPONENT AND | (51) B31B 50/80 | (22) 23.04.2013 |
| METHOD FOR THE PRODUCTION | (11) EP2933096 | (54) ROTOR BLADE AND FAN |
| THEREOF | (21) EP14001420.0 | (73) IHI Corporation |
| (73) Bayerische Motoren Werke | (47) 23.05.2018 | (72) MUROOKA, Takeshi |
| Aktiengesellschaft | (22) 17.04.2014 | (31) 2012104433 |
| (72) GRUBER, Wolfgang | (54) Device for transferring a folding box to a | (32) 01.05.2012 |
| POGGENBORG, Ralf | transport device | (33) Japan |
| SOLDNER, Florian | (73) Harro Höfliger Verpackungsmaschinen | (51) B32B 7/12 |
| VALLERIUS, Markus | GmbH | B32B 27/10 |
| ZEIDLER, Matthias | (72) Gönnerwein, Daniel | B32B 3/26 |
| (31) 102012216727 | Garthe, Guido | B32B 7/06 |
| (32) 19.09.2012 | Krieger, Eberhard | B32B 37/12 |
| (33) Germany | (51) B31F 1/28 | B32B 38/04 |
| (51) B29D 11/00 | B65D 65/40 | B32B 43/00 |
| B65G 51/01 | (11) EP3119599 | (11) EP3175981 |
| (11) EP2488353 | (21) EP15712527.9 | (21) EP16201050.8 |
| (21) EP10768748.5 | (47) 23.05.2018 | (47) 23.05.2018 |
| (47) 23.05.2018 | (87) EP2015000583 | (22) 29.11.2016 |
| (87) EP2010065449 | 24.09.2015 | (54) A SUPPORT FOR FULLY RECYCLABLE |
| 21.04.2011 | (22) 17.03.2015 | FOOD PRODUCTS |
| (22) 14.10.2010 | (54) FUNCTIONALIZED CORRUGATED | (73) M.E.P. SOLUTION PACKAGING S.r.l. |
| (54) METHOD AND COMBINATION OF A | CARDBOARD | (72) FALTRACCO, Danilo |
| CONTAINER WITH A DEVICE FOR | (73) ROBA Group AG | FALTRACCO, Diego |

| | | |
|---|--|---|
| MARANI, Mario | (22) 09.08.2013 | (54) Assembly and method for preparing, applying and withdrawing a dispersion |
| (31) UB20156049 | (54) ILLUMINATED GLAZING WITH PRINTED LAMINATION INSERT | (73) Goss Contiweb B.V. |
| (32) 01.12.2015 | (73) Saint-Gobain Glass France | (72) De Vroome, Clemens |
| (33) Italy | (72) VERRAT-DEBAILLEUL, Adèle | (51) B41G 7/00 |
| (51) B32B 15/01 | BERARD, Mathieu | B41F 19/00 |
| C22C 21/00 | MULET, Jean-Philippe | B26D 5/00 |
| C23C 30/00 | (31) 1258226 | B26D 7/27 |
| F16C 33/12 | (32) 04.09.2012 | B26D 7/26 |
| (11) EP2675620 | (33) France | B26F 1/44 |
| (21) EP11776765.7 | (51) B32B 27/30 | B41F 5/24 |
| (47) 23.05.2018 | C08J 7/04 | (11) EP3197682 |
| (87) EP2011068863 | (11) EP3117989 | (21) EP15790264.4 |
| 23.08.2012 | (21) EP15760995.9 | (47) 23.05.2018 |
| (22) 27.10.2011 | (47) 23.05.2018 | (87) IB2015057332 |
| (54) METHOD FOR PRODUCING A LEAD-FREE, PLATED ALUMINIUM PLAIN BEARING | (87) JP2015051817 | 31.03.2016 |
| (73) Federal-Mogul Wiesbaden GmbH | 17.09.2015 | (22) 23.09.2015 |
| (72) SCHMITT, Holger | (22) 23.01.2015 | (54) AN APPARATUS AND METHOD FOR CHANGING A BLADE OF A ROTARY DIE CUTTER, PARTICULARLY FOR FLEXOGRAPHIC PRINTING MACHINES |
| MEISTER, Daniel | (54) BARRIER LAMINATE, GAS BARRIER FILM, LAMINATE FILM, INFUSION SOLUTION BAG, AND METHOD FOR PRODUCING BARRIER LAMINATE | (73) Bobst Firenze S.r.l. |
| ANDLER, Gerd | (73) FUJIFILM Corporation | (72) BAGNOLI, Ugo |
| COSENTINO, Gaetano, Fabio | (72) IWASE Eijiro | D'ANNUNZIO, Federico |
| (31) 102011004133 | (31) 2014049284 | MACCALLI, Giacomo |
| (32) 15.02.2011 | (32) 12.03.2014 | MACCALLI, Mauro |
| (33) Germany | (33) Japan | (31) MI20141654 |
| (51) B32B 17/06 | (51) B32B 27/36 | (32) 24.09.2014 |
| (11) EP1644186 | (11) EP2666632 | (33) Italy |
| (21) EP04756018.0 | (21) EP12736169.9 | (51) B41J 2/005 |
| (47) 23.05.2018 | (47) 23.05.2018 | (11) EP3115205 |
| (87) US2004020273 | (87) JP2012050537 | (21) EP16178092.9 |
| 20.01.2005 | 26.07.2012 | (47) 23.05.2018 |
| (22) 25.06.2004 | (22) 13.01.2012 | (22) 06.07.2016 |
| (54) HEAT TREATABLE COATED ARTICLE WITH DUAL LAYER OVERCOAT | (54) POLYESTER FILM AND PHOTSENSITIVE RESIN STRUCTURE | (54) CREDENTIAL PRODUCTION DEVICE TRANSFER RIBBON ACCUMULATOR |
| (73) Guardian Glass, LLC | (73) Unitika, Ltd. | (73) ASSA ABLOY AB |
| (72) WANG, Hong | (72) YUKI, Kiwamu | (72) STANGLER, Jeffrey |
| DIETRICH, Anton | YAMAZAWA, Kazuyoshi | RIECK, James |
| (31) 608560 | (31) 2011006536 | ERICSON, Russell |
| (32) 30.06.2003 | (32) 17.01.2011 | (31) 201514795265 |
| (33) United States of America | (33) Japan | 201615194916 |
| (51) B32B 17/06 | (51) B41F 16/00 | (32) 09.07.2015 |
| B32B 17/10 | B41J 3/407 | 28.06.2016 |
| B32B 15/08 | (11) EP2885132 | (33) United States of America |
| B32B 15/18 | (21) EP13751069.9 | United States of America |
| (11) EP2872326 | (47) 23.05.2018 | (51) B41J 2/045 |
| (21) EP13731200.5 | (87) US2013054945 | (11) EP2639068 |
| (47) 23.05.2018 | 20.02.2014 | (21) EP13158485.6 |
| (87) US2013044627 | (22) 14.08.2013 | (47) 23.05.2018 |
| 16.01.2014 | (54) SYSTEM AND METHOD FOR APPLYING IMAGES TO PLANAR AND/OR NON-PLANAR SURFACES OF A TARGET OBJECT | (22) 08.03.2013 |
| (22) 07.06.2013 | (73) Illinois Tool Works Inc. | (54) Ink-jet recording apparatus |
| (54) LAMINATED STRUCTURES AND METHODS OF MANUFACTURING LAMINATED STRUCTURES | (72) SKAKAL, Todd | (73) Konica Minolta IJ Technologies, Inc. |
| (73) Corning Incorporated | ELLIOTT, William | (72) Akune, Junichirou |
| (72) CHOWDHURY, Dipakbin, Qasem | DESTINO, Daniel | Furuno, Kumiko |
| FISHER, William, Keith | STEINWACHS, Eric | (31) 2012058004 |
| KANG, Kiat, Chyai | (31) 201213585027 | (32) 14.03.2012 |
| MCDONALD, Michael, Aaron | (32) 14.08.2012 | (33) Japan |
| ZHANG, Chunhe | (33) United States of America | (51) B41J 2/045 |
| (31) 201213547092 | (51) B41F 23/00 | B41J 2/055 |
| (32) 12.07.2012 | (11) EP2907661 | B41J 2/14 |
| (33) United States of America | (21) EP14155042.6 | (11) EP2716461 |
| (51) B32B 17/10 | (47) 23.05.2018 | (21) EP12792932.1 |
| (11) EP2892719 | (22) 13.02.2014 | (47) 23.05.2018 |
| (21) EP13762160.3 | | (87) JP2012059187 |
| (47) 23.05.2018 | | 06.12.2012 |
| (87) FR2013051918 | | (22) 04.04.2012 |
| 13.03.2014 | | |

| | | |
|---|---|--|
| (54) INK-JET HEAD AND INK-JET DRAWING DEVICE INCLUDING SAME | G03G 21/16 | (21) EP11766198.3 |
| (73) KONICA MINOLTA, INC. | (11) EP2648134 | (47) 23.05.2018 |
| (72) KITAMURA Ken | (21) EP11845723.3 | (87) KR2011002505 |
| MIYAI Mitsuyoshi | (47) 23.05.2018 | 13.10.2011 |
| MATSUDA Shinya | (87) JP2011077655 | (22) 08.04.2011 |
| (31) 2011121502 | 07.06.2012 | (54) METHOD FOR MANUFACTURING A FILM PRODUCT USING THERMAL ROLL IMPRINTING AND BLADE COATING, AND SECURITY FILM AND FILM-INTEGRATED ELECTRIC DEVICE USING SAME |
| (32) 31.05.2011 | (22) 30.11.2011 | (73) Korea Institute Of Machinery & Materials |
| (33) Japan | (54) INFORMATION RECORDING DEVICE | (72) JO, Jeong-Dai |
| (51) B41J 2/175 | (73) Toppan Printing Co., Ltd. | YU, Jong-Su |
| B41J 29/02 | Canon Finetech Nisca Inc. | YOON, Seong-Man |
| B41J 29/13 | (72) YOKOYAMA, Naoki | KIM, Dong-Soo |
| (11) EP2946931 | TAKEI, Akira | (31) 20100032810 |
| (21) EP14740520.3 | ASAKAWA, Tatsuya | (32) 09.04.2010 |
| (47) 23.05.2018 | TAMURA, Hiromitsu | (33) Korea (Republic) |
| (87) JP2014000093 | AIHARA, Yuichi | (51) B41M 5/00 |
| 24.07.2014 | (31) 2010267548 | B41J 2/01 |
| (22) 10.01.2014 | 2010272183 | C09D 11/00 |
| (54) LIQUID JETTING DEVICE AND TANK | 2011057589 | B41J 2/155 |
| (73) Seiko Epson Corporation | (32) 30.11.2010 | C09D 11/101 |
| (72) KUDO, Shoma | 07.12.2010 | C09D 11/34 |
| KIMURA, Naomi | 16.03.2011 | C09D 11/322 |
| SUZUKI, Hidenao | (33) Japan | B41J 11/00 |
| KANAYA, Munehide | Japan | C09D 11/40 |
| (31) 2013006996 | Japan | B41M 7/00 |
| (32) 18.01.2013 | (51) B41J 13/12 | C09D 11/38 |
| (33) Japan | B41J 13/00 | (11) EP2842761 |
| (51) B41J 2/325 | B41J 25/312 | (21) EP13781489.3 |
| B41J 11/42 | G07B 17/00 | (47) 23.05.2018 |
| B41J 29/13 | B41J 11/00 | (87) JP2013002895 |
| B41J 11/00 | B41J 11/20 | 31.10.2013 |
| B41J 13/00 | B41J 13/08 | (22) 30.04.2013 |
| B41J 15/04 | (11) EP2226199 | (54) IMAGE-FORMING METHOD |
| (11) EP3006217 | (21) EP10153433.7 | (73) Konica Minolta, Inc. |
| (21) EP14803612.2 | (47) 23.05.2018 | (72) IKEDA, Masashi |
| (47) 23.05.2018 | (22) 12.02.2010 | (31) 2012103213 |
| (87) JP2014061786 | (54) Mailpiece conveyance system and method | (32) 27.04.2012 |
| 04.12.2014 | (73) Pitney Bowes Inc. | (33) Japan |
| (22) 25.04.2014 | (72) Williams, Daniel J. | (51) B42C 1/12 |
| (54) PRINTER | Holbrook, Russel W. | B42C 5/04 |
| (73) Sato Holdings Kabushiki Kaisha | (31) 380706 | (11) EP2974876 |
| (72) MAEKAWA, Hitoshi | (32) 02.03.2009 | (21) EP13878258.6 |
| (31) 2013111791 | (33) United States of America | (47) 23.05.2018 |
| (32) 28.05.2013 | (51) B41J 19/14 | (87) JP2013057051 |
| (33) Japan | B41J 2/205 | 18.09.2014 |
| (51) B41J 3/407 | B41J 2/145 | (22) 13.03.2013 |
| (11) EP2941351 | B41J 2/21 | (54) SADDLE-STITCHING FOLDING DEVICE |
| (21) EP14731414.0 | B41J 2/15 | (73) Horizon International Inc. |
| (47) 23.05.2018 | (11) EP3045316 | (72) MOCHIZUKI, Jun |
| (87) US2014032519 | (21) EP16151284.3 | ISHIDA, Katsunori |
| 09.10.2014 | (47) 23.05.2018 | SHIMIZU, Tomoyuki |
| (22) 01.04.2014 | (22) 14.01.2016 | (51) B42D 15/00 |
| (54) IMAGE CORRECTION WITH 3D PRINTING | (54) RECORDING APPARATUS AND RECORDING METHOD | B42D 25/00 |
| (73) NIKE Innovate C.V. | (73) Seiko Epson Corporation | G07D 7/00 |
| (72) MILLER, Todd, W. | (72) KONDO, Takamitsu | B42D 25/36 |
| SCHENONE, David, J. | SAKURADA, Kazuaki | (11) EP3028869 |
| (31) 201361808543 P | MOMOSE, Seigo | (21) EP15200080.8 |
| 201414230106 | YAMADA, Akira | (47) 23.05.2018 |
| (32) 04.04.2013 | (31) 2015004826 | (22) 24.06.2014 |
| 31.03.2014 | (32) 14.01.2015 | (54) METHOD OF PROVIDING A SECURITY DOCUMENT WITH A SECURITY FEATURE, AND SECURITY DOCUMENT |
| (33) United States of America | (33) Japan | (73) Fábrica Nacional de Moneda Y Timbre - Real Casa de la Moneda |
| United States of America | (51) B41M 1/24 | |
| (51) B41J 11/00 | H05K 3/12 | |
| B41J 3/50 | B29C 43/26 | |
| B41J 13/12 | B29C 43/22 | |
| B65H 5/06 | B82Y 30/00 | |
| G03G 15/00 | B29C 43/28 | |
| | (11) EP2505344 | |

- (72) GARCÍA JUEZ, Vicente
GAMO ARANDA, Javier
BORRUEL NAVARRO, Luis
- (31) 13382249
(32) 26.06.2013
(33) European Patent Office (EPO)
-
- (51) B42D 15/00
G03H 1/02
G07D 7/00
G03H 1/00
- (11) EP1780040
(21) EP06022357.5
(47) 23.05.2018
(22) 25.10.2006
(54) Patterned optical structures with enhanced security feature
(73) JDS Uniphase Corporation
(72) Raksha, Vladimir P.
Phillips, Roger W.
- (31) 729907 P
759350 P
(32) 25.10.2005
17.01.2006
(33) United States of America
United States of America
-
- (51) B43K 5/18
B43K 7/10
B43K 8/04
- (11) EP2200754
(21) EP08843176.2
(47) 23.05.2018
(87) US2008011879
30.04.2009
(22) 17.10.2008
(54) LIQUID APPLICATOR
(73) Flocon, Inc.
(72) BALLOT, Stephan, M.
(31) 999597 P
126777
(32) 19.10.2007
07.05.2008
(33) United States of America
United States of America
-
- (51) B43K 7/02
B43K 1/08
C09D 11/18
B43K 7/12
- (11) EP2123724
(21) EP08704127.3
(47) 23.05.2018
(87) JP2008051345
14.08.2008
(22) 30.01.2008
(54) AQUEOUS INK COMPOSITION FOR BALLPOINT PEN
(73) THE PILOT INK CO., LTD.
(72) ASAMI, Hideaki
(31) 2007030480
2007322939
(32) 09.02.2007
14.12.2007
(33) Japan
Japan
-
- (51) B44C 1/10
B44C 1/17
- (11) EP2658725
(21) EP11811470.1
(47) 23.05.2018
- (87) US2011066827
05.07.2012
(22) 22.12.2011
(54) DECORATIVE ARTICLE
(73) 3M Innovative Properties Company
(72) SMITH, Douglas J.
WILLIAMS, Jack J., III
ANDERSON, Gregory J.
YOUNKER, Matthew J.
- (31) 201061427627 P
(32) 28.12.2010
(33) United States of America
-
- (51) B60B 17/00
- (11) EP3218208
(21) EP16713841.1
(47) 23.05.2018
(87) EP2016056780
06.10.2016
(22) 29.03.2016
(54) ELASTIC WHEEL FOR A RAIL VEHICLE
(73) Gutehoffnungshütte Radsatz GmbH
(72) KASPRZYK, Thaddäus
HOOG, Thomas
KEMP-LETTKAMP, Christian
GERLACH, Thomas
- (31) 15162428
(32) 02.04.2015
(33) European Patent Office (EPO)
-
- (51) B60C 1/00
B60C 5/01
B60C 9/22
- (11) EP2868490
(21) EP14185862.1
(47) 23.05.2018
(22) 25.08.2011
(54) Tire, and manufacturing method for same
(73) Bridgestone Corporation
(72) Fudemoto, Hiroyuki
Harada, Takashi
Kouno, Yoshihide
Kon, Seiji
Hasegawa, Keiichi
Iizuka, Munenori
Yako, Takayuki
- (31) 2010188909
2010188917
2010188907
2010188905
2010188906
2010188908
2010203737
(32) 25.08.2010
25.08.2010
25.08.2010
25.08.2010
25.08.2010
25.08.2010
10.09.2010
(33) Japan
Japan
Japan
Japan
Japan
Japan
-
- (51) B60C 1/00
C08L 7/00
- (11) EP3172060
- (21) EP15734212.2
(47) 23.05.2018
(87) EP2015065746
28.01.2016
(22) 09.07.2015
(54) TIRE COMPRISING A TREAD COMPRISING A LATEX COMPOSITION COMPRISING A THERMOPLASTIC RESIN OF POLYMETHYLMETHACRYLATE
(73) Compagnie Générale des Etablissements Michelin
(72) VASSEUR, Didier
LEMERLE, Frédéric
- (31) 1457133
(32) 24.07.2014
(33) France
-
- (51) B60C 1/00
C08L 9/00
C08L 9/06
- (11) EP3160759
(21) EP15732241.3
(47) 23.05.2018
(87) EP2015064566
07.01.2016
(22) 26.06.2015
(54) TYRE PROVIDED WITH A TREAD COMPRISING A THERMOPLASTIC ELASTOMER AND A DIENE ELASTOMER
(73) Compagnie Générale des Etablissements Michelin
(72) CHOUVEL, Christophe
CUSTODERO, Emmanuel
GREIVELDINGER, Marc
- (31) 1456127
(32) 30.06.2014
(33) France
-
- (51) B60C 11/03
B60C 11/12
- (11) EP3095621
(21) EP15737509.8
(47) 23.05.2018
(87) JP2015050836
23.07.2015
(22) 14.01.2015
(54) PNEUMATIC TIRE
(73) Bridgestone Corporation
(72) TAKEI, Ataka
(31) 2014005385
(32) 15.01.2014
(33) Japan
-
- (51) B60C 11/04
B60C 11/00
B60C 11/13
B60C 9/28
B60C 11/03
- (11) EP2871073
(21) EP13813627.0
(47) 23.05.2018
(87) JP2013068342
09.01.2014
(22) 04.07.2013
(54) TIRE
(73) Bridgestone Corporation
(72) OGANE, Shun
(31) 2012150915
(32) 04.07.2012

| | | |
|---------------------------------------|--|--------------------------------------|
| (33) Japan | (51) B60C 15/06 | B60C 25/128 |
| (51) B60C 11/11 | B60C 5/00 | B60C 25/14 |
| B60C 11/13 | (11) EP3130486 | (11) EP2809529 |
| (11) EP2676816 | (21) EP15777197.3 | (21) EP13743306.6 |
| (21) EP12746468.3 | (47) 23.05.2018 | (47) 23.05.2018 |
| (47) 23.05.2018 | (87) JP2015059673 | (87) US2013023985 |
| (87) JP2012000921 | 15.10.2015 | 08.08.2013 |
| 23.08.2012 | (22) 27.03.2015 | (22) 31.01.2013 |
| (22) 10.02.2012 | (54) TIRE | (54) BEAD SEATER APPARATUS AND |
| (54) PNEUMATIC TIRE | (73) Bridgestone Corporation | METHOD FOR USING THE SAME |
| (73) Bridgestone Corporation | (72) YUMII, Keita | (73) Android Industries LLC |
| (72) HANAMI, Keiichi | (31) 2014081160 | (72) LAWSON, Lawrence, J. |
| (31) 2011031113 | (32) 10.04.2014 | CLARK, Barry, A. |
| (32) 16.02.2011 | (33) Japan | LARSON, David |
| (33) Japan | (51) B60C 17/00 | (31) 201261592728 P |
| (51) B60C 11/117 | C08L 7/00 | (32) 31.01.2012 |
| B60C 11/03 | C08L 9/00 | (33) United States of America |
| (11) EP2724872 | C08L 15/00 | (51) B60G 11/27 |
| (21) EP12803195.2 | C08L 21/00 | B60G 17/015 |
| (47) 23.05.2018 | C08K 3/04 | B60G 17/018 |
| (87) JP2012066087 | B60C 1/00 | B60G 17/052 |
| 27.12.2012 | C08C 19/44 | (11) EP2651666 |
| (22) 22.06.2012 | (11) EP2938504 | (21) EP11787615.1 |
| (54) MOTORCYCLE PNEUMATIC TIRE | (21) EP13866569.0 | (47) 23.05.2018 |
| (73) Bridgestone Corporation | (47) 23.05.2018 | (87) EP2011005861 |
| (72) KURASHINA Daisuke | (87) US2013077454 | 21.06.2012 |
| (31) 2011141184 | 03.07.2014 | (22) 22.11.2011 |
| (32) 24.06.2011 | (22) 23.12.2013 | (54) AIR SPRING EQUIPMENT, PNEUMATIC |
| (33) Japan | (54) SIDEWALL SUPPORT FOR A RUNFLAT | SYSTEM AND VEHICLE WITH AIR |
| (51) B60C 11/12 | TIRE | SPRING EQUIPMENT AND METHOD |
| B60C 11/04 | (73) Compagnie Générale des Etablissements | OF OPERATING THE PNEUMATIC |
| B60C 11/03 | Michelin | EQUIPMENT OF THE AIR SPRING |
| (11) EP3023268 | (72) BOEN, Sik | INSTALLATION |
| (21) EP14832368.6 | (31) 201261746196 P | (73) WABCO GmbH |
| (47) 23.05.2018 | (32) 27.12.2012 | (72) FRANK, Dieter |
| (87) JP2014068724 | (33) United States of America | MEIER, Jörg |
| 05.02.2015 | (51) B60C 23/04 | MEISSNER, Frank |
| (22) 14.07.2014 | (11) EP2982524 | (31) 102010054703 |
| (54) HEAVY DUTY TIRE | (21) EP15176998.1 | (32) 16.12.2010 |
| (73) Sumitomo Rubber Industries, Ltd. | (47) 23.05.2018 | (33) Germany |
| (72) WASHIZUKA Masakazu | (22) 16.07.2015 | (51) B60G 13/16 |
| TODOROKI Daisuke | (54) UNIVERSAL TIRE PRESSURE SENSOR | B60G 21/00 |
| MAEHARA Atsushi | (73) Huf Hülsbeck & Fürst GmbH & Co. KG | B60G 3/00 |
| (31) 2013158112 | (72) WAGNER, Markus | B62D 49/08 |
| 2013162627 | MÜLLER, Benjamin | F16F 15/28 |
| 2014091780 | (31) 102014111326 | F16F 7/10 |
| (32) 30.07.2013 | 102014111968 | B60G 15/06 |
| 05.08.2013 | (32) 08.08.2014 | (11) EP3169540 |
| 25.04.2014 | 21.08.2014 | (21) EP15759939.0 |
| (33) Japan | (33) Germany | (47) 23.05.2018 |
| Japan | Germany | (87) IB2015055291 |
| Japan | (51) B60C 23/04 | 21.01.2016 |
| (51) B60C 15/00 | H02K 7/18 | (22) 13.07.2015 |
| B60C 9/20 | (11) EP3183128 | (54) VEHICLE WITH THREE OR MORE |
| B60C 15/06 | (21) EP16728756.4 | WHEELS PROVIDED WITH AN ANTI- |
| B60C 9/09 | (47) 23.05.2018 | ROLL STABILISER DEVICE AND |
| (11) EP2899042 | (87) TR2016050125 | ANTI-ROLL CONTROL METHOD OF A |
| (21) EP15152278.6 | 11.05.2017 | VEHICLE HAVING AT LEAST THREE |
| (47) 23.05.2018 | (22) 25.04.2016 | WHEELS |
| (22) 23.01.2015 | (54) A POWER GENERATION SYSTEM | (73) PIAGGIO & C. S.p.A. |
| (54) Motorcycle tire | (73) Yeditepe Universitesi | (72) MARANO, Luca |
| (73) SUMITOMO RUBBER INDUSTRIES, | (72) TOPALOGLU, Nezh | (31) PD20140195 |
| LTD. | CIBLAK, Namik | (32) 18.07.2014 |
| (72) Matsunami, Toshiyuki | (31) 201513740 | (33) Italy |
| (31) 2014013506 | (32) 04.11.2015 | (51) B60G 17/0195 |
| (32) 28.01.2014 | (33) Turkey | B60G 17/015 |
| (33) Japan | (51) B60C 25/05 | B60G 17/06 |
| | B60C 25/12 | B60W 10/00 |

| | | |
|--------------------------------------|---|---|
| B60W 10/06 | (22) 23.08.2016 | (51) B60J 7/10 |
| B60W 10/184 | (54) STABILIZER BAR AND PROCESS OF | B60J 5/06 |
| B60W 10/22 | PRODUCING THE SAME | (11) EP3053767 |
| B60W 30/02 | (73) Muhr und Bender KG | (21) EP15154197.6 |
| B60W 40/10 | (72) Mücher, Mario | (47) 23.05.2018 |
| B60W 10/04 | Macedo, Sergio | (22) 06.02.2015 |
| (11) EP2829424 | Ditzer, Boris | (54) Plan fixing element and plan fixing device for |
| (21) EP12871908.5 | (31) 102015114897 | commercial vehicles |
| (47) 23.05.2018 | (32) 04.09.2015 | (73) Fliegl, Helmut |
| (87) JP2012078462 | (33) Germany | (72) Fliegl, Helmut |
| 26.09.2013 | (51) B60H 1/22 | (51) B60J 10/32 |
| (22) 02.11.2012 | B60H 1/08 | B60J 10/35 |
| (54) VEHICLE CONTROL DEVICE AND | B60H 1/32 | B60J 10/70 |
| VEHICLE CONTROL METHOD | F25B 49/02 | (11) EP3219529 |
| (73) Nissan Motor Co., Ltd | (11) EP3025886 | (21) EP16160642.1 |
| (72) KIKUCHI Hironobu | (21) EP14830183.1 | (47) 23.05.2018 |
| HIRAYAMA Katsuhiko | (47) 23.05.2018 | (22) 16.03.2016 |
| (31) 2012067073 | (87) JP2014003868 | (54) PROFILE STRIP ARRANGEMENT |
| 2012238932 | 29.01.2015 | (73) Elkamet Kunststofftechnik GmbH |
| (32) 23.03.2012 | (22) 23.07.2014 | (72) Schoch, Andreas |
| 30.10.2012 | (54) AIR CONDITIONING DEVICE FOR | (51) B60K 6/365 |
| (33) Japan | VEHICLE | B60K 6/48 |
| Japan | (73) Panasonic Intellectual Property Management | B60K 6/547 |
| (51) B60G 17/052 | Co., Ltd. | F16H 3/72 |
| B01D 53/26 | (72) KODERA, Yuji | (11) EP3174747 |
| F04B 39/12 | KURODA, Kentaro | (21) EP15744235.1 |
| F04B 39/16 | TANIGUCHI, Katsuji | (47) 23.05.2018 |
| F16K 31/06 | TERADA, Tomohiro | (87) EP2015067512 |
| F04B 17/03 | NODA, Yoshitoshi | 04.02.2016 |
| (11) EP2651669 | (31) 2013155185 | (22) 30.07.2015 |
| (21) EP11787617.7 | (32) 26.07.2013 | (54) TRANSMISSION ARRANGEMENT FOR |
| (47) 23.05.2018 | (33) Japan | A HYBRID MOTOR VEHICLE, AND |
| (87) EP2011005864 | (51) B60H 1/34 | HYBRID MOTOR VEHICLE |
| 21.06.2012 | (11) EP2945813 | (73) Volkswagen Aktiengesellschaft |
| (22) 22.11.2011 | (21) EP14700178.8 | (72) MEISSNER, Christian |
| (54) AIR SUPPLY SYSTEM AND PNEUMATIC | (47) 23.05.2018 | SCHRÖDER, Hendrik |
| SYSTEM | (87) EP2014050263 | PETERSEN, Rainer |
| (73) WABCO GmbH | 24.07.2014 | MÖCKEL, Jörg |
| (72) FRANK, Dieter | (22) 09.01.2014 | (31) 102014215092 |
| MEISSNER, Frank | (54) VENTILATION MESH WITH AIR | (32) 31.07.2014 |
| (31) 102010054704 | CONDUCTING ELEMENT, AND | (33) Germany |
| (32) 16.12.2010 | METHOD FOR PRODUCING SUCH A | (51) B60K 6/40 |
| (33) Germany | VENTILATION MESH | B60K 1/04 |
| (51) B60G 21/05 | (73) Volkswagen Aktiengesellschaft | B60K 6/26 |
| B60B 35/02 | (72) ZACHARIAS, Norman | B60K 6/36 |
| (11) EP3209511 | MOLEON-ZAFRA, David | B60K 6/405 |
| (21) EP15763886.7 | (31) 102013000625 | B60K 6/485 |
| (47) 23.05.2018 | (32) 16.01.2013 | B60L 11/14 |
| (87) EP2015070812 | (33) Germany | B60K 6/48 |
| 28.04.2016 | (51) B60H 3/02 | (11) EP3112197 |
| (22) 11.09.2015 | F24F 6/12 | (21) EP15782665.2 |
| (54) CROSSMEMBER FOR A TWIST-BEAM | F24F 6/14 | (47) 23.05.2018 |
| REAR AXLE | (11) EP2897825 | (87) JP2015062575 |
| (73) VOLKSWAGEN | (21) EP13747470.6 | 29.10.2015 |
| AKTIENGESELLSCHAFT | (47) 23.05.2018 | (22) 24.04.2015 |
| (72) KELLER, Martin | (87) FR2013051755 | (54) VEHICLE DRIVING APPARATUS |
| HEIDRICH, Jens | 27.03.2014 | (73) AISIN AW CO., LTD. |
| KAISER, Mike | (22) 22.07.2013 | (72) SUZUKI Tomoyuki |
| (31) 102014221472 | (54) COMPACT NEBULIZER DEVICE FOR | UECHI Tatsuyuki |
| (32) 22.10.2014 | AN AIR TREATMENT DEVICE | (31) 2014091337 |
| (33) Germany | (73) PSA Automobiles SA | (32) 25.04.2014 |
| (51) B60G 21/055 | (72) KERVAREC, Florian | (33) Japan |
| B21D 53/88 | PINTAT, Bruno | (51) B60K 6/445 |
| B21D 9/00 | DUMUR, Denis | B60W 20/13 |
| C21D 9/08 | POT, Vincent | B60L 11/18 |
| (11) EP3138708 | (31) 1258937 | B60W 30/192 |
| (21) EP16185406.2 | (32) 24.09.2012 | B60W 10/26 |
| (47) 23.05.2018 | (33) France | (11) EP3135521 |

| | | |
|--|---|---|
| (21) EP16183003.9 | (47) 23.05.2018 | (33) Japan |
| (47) 23.05.2018 | (87) EP2011072098 | Japan |
| (22) 05.08.2016 | 19.07.2012 | (51) B60L 11/18 |
| (54) BATTERY SYSTEM AND A CONTROL METHOD THEREFOR | (22) 07.12.2011 | H01M 10/0525 |
| (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (54) SYSTEM FOR CONTROLLING THE ACCESS TO A VEHICLE CHARGING DEVICE | H01M 10/42 |
| (72) ARIDOME, Koji | (73) Huf Hülsbeck & Fürst GmbH & Co. KG | H01M 10/48 |
| (31) 2015165726 | (72) MÖNIG, Stefan | H02J 7/00 |
| (32) 25.08.2015 | GORENZWEIG, Igor | G01R 31/36 |
| (33) Japan | (31) 102011000094 | (11) EP2632020 |
| (51) B60K 11/00 | (32) 11.01.2011 | (21) EP11834367.2 |
| (11) EP2520452 | (33) Germany | (47) 23.05.2018 |
| (21) EP12000796.8 | (51) B60L 11/18 | (87) JP2011073975 |
| (47) 23.05.2018 | B60L 3/00 | 26.04.2012 |
| (22) 08.02.2012 | B60L 3/04 | (22) 12.10.2011 |
| (54) Active cooling of electrical drive components | H02H 3/33 | (54) ENERGY STORAGE SYSTEM AND OUTPUT CONTROLLER |
| (73) MAN Truck & Bus AG | (11) EP2500208 | (73) Murata Manufacturing Co., Ltd. |
| (72) Welfers, Hans-Josef, Dr. | (21) EP12152679.2 | (72) KUMAGAI, Eiji |
| (31) 102011100685 | (47) 23.05.2018 | (31) 2010237013 |
| (32) 06.05.2011 | (22) 26.01.2012 | (32) 22.10.2010 |
| (33) Germany | (54) Protective circuit assembly | (33) Japan |
| (51) B60K 11/06 | (73) Elektro-Bauelemente GmbH | (51) B60L 11/18 |
| B60K 1/04 | (72) Kachouh, Checrallah | H02J 7/00 |
| H01M 2/10 | Gallina, Karlheinz | (11) EP2593327 |
| H01M 10/6563 | (31) 102011014487 | (21) EP11761113.7 |
| H01M 10/6556 | 102011007042 | (47) 23.05.2018 |
| H01M 10/6565 | 102011079033 | (87) IB2011001612 |
| B60L 11/18 | (32) 18.03.2011 | 19.01.2012 |
| B60L 1/00 | 08.04.2011 | (22) 11.07.2011 |
| B60K 1/00 | 12.07.2011 | (54) ELECTRICITY CHARGING SYSTEM AND CONTROL METHOD THEREOF |
| H01M 10/625 | (33) Germany | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| H01M 10/6554 | Germany | (72) TONEGAWA, Hiromi |
| H01M 10/6561 | Germany | ISHIKAWA, Tetsuhiro |
| H01M 10/613 | (51) B60L 11/18 | ICHIKAWA, Shinji |
| (11) EP2781391 | B60S 5/06 | ISHII, Daisuke |
| (21) EP12849261.8 | (11) EP2679436 | MURAWAKA, Katsutoshi |
| (47) 23.05.2018 | (21) EP12174075.7 | (31) 2010162189 |
| (87) JP2012078845 | (47) 23.05.2018 | (32) 16.07.2010 |
| 23.05.2013 | (22) 28.06.2012 | (33) Japan |
| (22) 07.11.2012 | (54) System for auto-exchanging of electric vehicle battery | (51) B60L 11/18 |
| (54) VEHICLE BATTERY UNIT | (73) Motex products Co., Ltd. | H02J 50/12 |
| (73) Honda Motor Co., Ltd. | Kookmin University Industry Academy | H02J 5/00 |
| (72) KATAYAMA Goichi | Cooperation Foundation | H02M 3/335 |
| YAMAMOTO Koichi | Industry-University Cooperation Foundation | H02J 7/02 |
| HOTOZUKA Yasuaki | of Korea Aerospace University | H02M 1/00 |
| (31) 2011248900 | (72) Yu, Chi-Man | H02M 3/337 |
| (32) 14.11.2011 | (51) B60L 11/18 | (11) EP2826125 |
| (33) Japan | B62M 6/90 | (21) EP13715300.3 |
| (51) B60K 15/05 | H01M 2/10 | (47) 23.05.2018 |
| E05C 19/02 | H01R 13/05 | (87) FR2013050511 |
| F16F 1/06 | H01R 13/627 | 19.09.2013 |
| (11) EP2682295 | H01R 13/631 | (22) 12.03.2013 |
| (21) EP12752369.4 | (11) EP2626233 | (54) DEVICE FOR CONTACTLESSLY RECHARGING A MOTOR VEHICLE BATTERY, AND ASSOCIATED CONTROL METHOD |
| (47) 23.05.2018 | (21) EP13154369.6 | (73) Renault S.A.S. |
| (87) JP2012053288 | (47) 23.05.2018 | (72) CREGUT, Samuel |
| 07.09.2012 | (22) 07.02.2013 | LOUDOT, Serge |
| (22) 13.02.2012 | (54) Terminal base of power supply device for electric vehicle | (31) 1252283 |
| (54) PUSH-OUT DEVICE | (73) Honda Motor Co., Ltd. | (32) 14.03.2012 |
| (73) Nifco Inc. | (72) Kawatani, Shinji | (33) France |
| (72) YOSHINO, Kosei | Nakayama, Masaru | (51) B60N 2/015 |
| HOKAZONO, Kiyoshi | Shokaku, Isao | B60N 2/02 |
| WATANABE, Yasuhiro | (31) 2012026128 | (11) EP3216645 |
| (31) 2011045052 | 2012034058 | (21) EP16382102.8 |
| (32) 02.03.2011 | (32) 09.02.2012 | (47) 23.05.2018 |
| (33) Japan | 20.02.2012 | |
| (51) B60L 11/18 | | |
| (11) EP2663467 | | |
| (21) EP11791575.1 | | |

| | | |
|--|--|---|
| (22) 07.03.2016 | F21S 41/29 | (73) Ferman, Michael |
| (54) DISMOUNTABLE SEAT | F21S 41/63 | (72) Ferman, Michael |
| (73) Innovation and Safety S.L | F21S 45/47 | (31) 2011903694 |
| (72) De Rico Herrero, Sergio | F21S 45/50 | (32) 12.09.2011 |
| (51) B60N 2/22 | F21S 45/48 | (33) Australia |
| B60N 2/02 | F21S 41/255 | (51) B60R 1/074 |
| B60N 2/39 | (11) EP3048360 | B60R 1/07 |
| B60R 21/0132 | (21) EP14838245.0 | H02K 5/04 |
| (11) EP2952381 | (47) 23.05.2018 | H02K 7/116 |
| (21) EP15164894.6 | (87) JP2014071968 | (11) EP3022832 |
| (47) 23.05.2018 | 26.02.2015 | (21) EP14744199.2 |
| (22) 23.04.2015 | (22) 22.08.2014 | (47) 23.05.2018 |
| (54) VEHICLE SEAT CONTROL DEVICE AND VEHICLE SEAT DEVICE | (54) LAMP DEVICE FOR VEHICLE AND LIGHTING DEVICE FOR VEHICLE | (87) IB2014063149 |
| (73) Toyota Jidosha Kabushiki Kaisha | (73) Koito Manufacturing Co., Ltd. | 22.01.2015 |
| Toyota Boshoku Kabushiki Kaisha | (72) SHIBATA Hiroki | (22) 16.07.2014 |
| (72) Hamabe, Tsutomu | TACHIWA Takeyuki | (54) DRIVING DEVICE OF ELECTRIC FOLDING TYPE SIDE VIEW MIRROR FOR A VEHICLE |
| Iwaihara, Reiji | OISHI Kazutami | (73) SMR Patents S.à.r.l. |
| Kato, Kohshi | YASHIKI Satoru | (72) YU, Il Sung |
| Takeuchi, Eishi | INOUE Takashi | PARK, Dong Myeong |
| Sato, Hikaru | (31) 2013173985 | (31) 20130083843 |
| (31) 2014091979 | 2013173986 | (32) 16.07.2013 |
| (32) 25.04.2014 | 2013173987 | (33) Korea (Republic) |
| (33) Japan | 2013173990 | (51) B60R 9/058 |
| (51) B60N 2/42 | (32) 23.08.2013 | B60R 9/045 |
| B60R 21/02 | 23.08.2013 | (11) EP3013647 |
| B60N 2/427 | 23.08.2013 | (21) EP14818085.4 |
| B60N 2/68 | 23.08.2013 | (47) 23.05.2018 |
| (11) EP2325041 | (33) Japan | (87) SE2014050748 |
| (21) EP09810043.1 | Japan | 31.12.2014 |
| (47) 23.05.2018 | Japan | (22) 18.06.2014 |
| (87) JP2009065088 | Japan | (54) A SUPPORT FOOT FOR LUGGAGE CARRIER |
| 04.03.2010 | (51) B60Q 3/20 | (73) Mont Blanc Industri AB |
| (22) 28.08.2009 | (11) EP3065974 | (72) WESTBERG, Petrus |
| (54) SEAT FRAME AND VEHICLE SEAT | (21) EP14790514.5 | KRISTOFFERSSON, Fredrik |
| (73) TS Tech Co., Ltd. | (47) 23.05.2018 | HOLMKVIST, Jonas |
| (72) NITSUMA, Kenichi | (87) EP2014002882 | (31) 1350761 |
| (31) 2008223743 | 14.05.2015 | (32) 24.06.2013 |
| (32) 01.09.2008 | (22) 25.10.2014 | (33) Sweden |
| (33) Japan | (54) VEHICLE HAVING A LIGHTING DEVICE WITH AN ELONGATE LIGHTING UNIT | (51) B60R 16/023 |
| (51) B60N 2/48 | (73) Audi AG | H04B 5/00 |
| B60N 2/60 | (72) REUSCHEL, Jens Dietmar | G01D 11/24 |
| B60N 2/58 | TOVAR, Johannes | G01D 11/30 |
| (11) EP2930055 | (31) 102013018784 | (11) EP3157784 |
| (21) EP12889406.0 | (32) 08.11.2013 | (21) EP15727963.9 |
| (47) 23.05.2018 | (33) Germany | (47) 23.05.2018 |
| (87) JP2012081408 | (51) B60Q 11/00 | (87) EP2015062639 |
| 12.06.2014 | B60Q 1/34 | 23.12.2015 |
| (22) 04.12.2012 | H05B 33/08 | (22) 08.06.2015 |
| (54) HEADREST | (11) EP2881286 | (54) SYSTEM FOR TRANSMITTING INFORMATION TO A SUBUNIT |
| (73) TS Tech Co., Ltd. | (21) EP12881986.9 | (73) Robert Bosch GmbH |
| (72) TACHIKAWA, Yoichi | (47) 23.05.2018 | (72) MATHONY, Hans-Joerg |
| (51) B60P 3/34 | (87) JP2012069991 | ISKE, Burkhard |
| (11) EP3165402 | 13.02.2014 | IRION, Albrecht |
| (21) EP16475501.9 | (22) 06.08.2012 | HANSEN, Maik |
| (47) 23.05.2018 | (54) DIRECTION-INDICATION DEVICE | SCHNEIDER, Marcus |
| (22) 31.10.2016 | (73) Shindengen Electric Manufacturing Co., Ltd. | SCHUMANN, Michael |
| (54) FOLDABLE SUPERSTRUCTURE FOR VEHICLES | (72) OHKI Isao | (31) 102014211705 |
| (73) A1Attack s. r. o. | (51) B60R 1/06 | (32) 18.06.2014 |
| (72) KVETNANSKÝ, Dick | B60R 1/078 | (33) Germany |
| (31) 501052015 U | (11) EP2755861 | (51) B60R 19/18 |
| (32) 04.11.2015 | (21) EP12831571.0 | (11) EP2981439 |
| (33) Slovakia | (47) 23.05.2018 | (21) EP14717490.8 |
| (51) B60Q 1/068 | (87) AU2012001082 | (47) 23.05.2018 |
| B60Q 1/076 | 21.03.2013 | (87) JP2014059061 |
| F21S 41/147 | (22) 11.09.2012 | |
| | (54) IMPROVED VEHICLE MIRROR | |

| | | |
|--|---|--|
| 09.10.2014 | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (54) WINDSCREEN WIPER CONNECTOR INCLUDING AN INTERNAL ELECTRICAL CONTACT SPRING |
| (22) 20.03.2014 | (72) OSANAI, Akihiro | (73) Valeo Systèmes d'Essuyage |
| (54) VEHICLE END SECTION STRUCTURE | IWAI, Yuta | (72) CAILLOT, Gérald |
| (73) Toyota Jidosha Kabushiki Kaisha | TAKAHARA, Ken | IZABEL, Vincent |
| (72) KAWANABE, Sho | SUGAWARA, Takehito | JARASSON, Jean-Michel |
| MINAMI, Tokutsugu | (31) 2014046616 | (31) 1002780 |
| (31) 2013079420 | (32) 10.03.2014 | (32) 30.06.2010 |
| (32) 05.04.2013 | (33) Japan | (33) France |
| (33) Japan | (51) B60R 25/02 | (51) B60T 1/04 |
| (51) B60R 19/18 | (11) EP2651701 | B60T 1/06 |
| B60R 19/26 | (21) EP11794187.2 | F16D 65/00 |
| (11) EP3122599 | (47) 23.05.2018 | (11) EP2727781 |
| (21) EP15712332.4 | (87) EP2011072607 | (21) EP13190121.7 |
| (47) 23.05.2018 | 21.06.2012 | (47) 23.05.2018 |
| (87) EP2015056103 | (22) 13.12.2011 | (22) 24.10.2013 |
| 01.10.2015 | (54) MECHANICAL LOCKING DEVICE FOR A MOTORCYCLE | (54) Vehicle, in particular a railway vehicle, with a friction brake and method for operating the same |
| (22) 23.03.2015 | (73) Huf Hülsbeck & Fürst GmbH & Co. KG | (73) Lubricant Consult GmbH |
| (54) ARRANGEMENT FOR ABSORBING KINETIC ENERGY | (72) THRONBERENS, Stefan | (72) Zschächner, Wolfgang |
| (73) Bayerische Motoren Werke Aktiengesellschaft | INDINGER, Max | Engelke, Heiko |
| (72) KOESTLER, Ulrich | (31) 102010061192 | (31) 102012021382 |
| KÖHLER, Arne | (32) 13.12.2010 | (32) 31.10.2012 |
| RIEDL, Wilhelm | (33) Germany | (33) Germany |
| RUDOLPH, Tim | (51) B60R 25/20 | (51) B60T 8/00 |
| (31) 102014205412 | H03K 17/955 | (11) EP2944525 |
| (32) 24.03.2014 | E05F 15/00 | (21) EP14738019.0 |
| (33) Germany | (11) EP2689976 | (47) 23.05.2018 |
| (51) B60R 19/18 | (21) EP13173812.2 | (87) JP2014050016 |
| B62D 21/15 | (47) 23.05.2018 | 17.07.2014 |
| (11) EP3141435 | (22) 26.06.2013 | (22) 06.01.2014 |
| (21) EP16183297.7 | (54) METHOD FOR CONTROLLING A CLOSURE ELEMENT, IN PARTICULAR OF A MOTOR VEHICLE | (54) ELECTRIC BRAKE SYSTEM |
| (47) 23.05.2018 | (73) Brose Fahrzeugteile GmbH & Co. Kommanditgesellschaft, Bamberg | (73) NTN Corporation |
| (22) 09.08.2016 | (72) Holzberg, Frank | (72) MASUDA, Yui |
| (54) VEHICLE BODY FRAMEWORK STRUCTURE | Geuther, Udo | (31) 2013000994 |
| (73) Toyota Jidosha Kabushiki Kaisha | (31) 102012014676 | (32) 08.01.2013 |
| (72) HASHIDA, Shigenori | (32) 25.07.2012 | (33) Japan |
| KITAKATA, Shintaro | (33) Germany | (51) B60T 8/1755 |
| (31) 2015180633 | (51) B60S 1/34 | B60T 8/1766 |
| (32) 14.09.2015 | B60S 1/16 | (11) EP2716514 |
| (33) Japan | B29C 45/14 | (21) EP11866968.8 |
| (51) B60R 21/237 | F16D 1/06 | (47) 23.05.2018 |
| B60R 21/16 | F16H 55/06 | (87) JP2011062834 |
| (11) EP2733023 | (11) EP3121073 | 06.12.2012 |
| (21) EP12811943.5 | (21) EP16180763.1 | (22) 03.06.2011 |
| (47) 23.05.2018 | (47) 23.05.2018 | (54) BRAKING FORCE DISTRIBUTION CONTROL APPARATUS FOR VEHICLE |
| (87) JP2012067284 | (22) 22.07.2016 | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| 17.01.2013 | (54) OUTPUT ELEMENT, MOTORISATION DEVICE FOR DRIVING AT LEAST ONE WINDSCREEN WIPER ARM OF A MOTOR VEHICLE, AND METHOD FOR PRODUCTION OF AN OUTPUT ELEMENT | (72) WATANABE Yoshinori |
| (22) 06.07.2012 | (73) Valeo Systèmes d'Essuyage | (51) B60T 8/34 |
| (54) SIDE AIRBAG FOR VEHICLE | (72) LASSALLE, Christophe | B60T 8/50 |
| (73) Autoliv Development AB | (31) 1557119 | B60T 8/40 |
| (72) MINEMURA Akira | (32) 24.07.2015 | B60T 8/36 |
| YOSHIDA Yuichiro | (33) France | B60T 13/14 |
| ASADA Teruyuki | (51) B60S 1/38 | B60T 13/66 |
| UJIE Tohru | (11) EP2588350 | B60T 1/10 |
| (31) 2011155812 | (21) EP11727172.6 | B60T 13/68 |
| (32) 14.07.2011 | (47) 23.05.2018 | (11) EP2918460 |
| (33) Japan | (87) EP2011060472 | (21) EP15162325.3 |
| (51) B60R 21/36 | 05.01.2012 | (47) 23.05.2018 |
| (11) EP3118068 | (22) 22.06.2011 | (22) 17.09.2010 |
| (21) EP14885600.8 | | (54) HYDRAULIC BRAKE SYSTEM |
| (47) 23.05.2018 | | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| (87) JP2014079888 | | (72) Ohkubo, Masayasu |
| 17.09.2015 | | Tanaka, Yoshito |
| (22) 11.11.2014 | | Nakaoka, Hiroshi |
| (54) PEDESTRIAN PROTECTION AIR-BAG DEVICE | | |

| | | |
|---------------------------------|--|------------------------------------|
| Yamamoto, Takayuki | (21) EP12868343.0 | B60W 10/08 |
| Miyazaki, Tetsuya | (47) 23.05.2018 | B60W 30/188 |
| (51) B60T 8/36 | (87) JP2012053723 | B60K 6/48 |
| (11) EP3186119 | 22.08.2013 | B60W 50/00 |
| (21) EP15749986.4 | (22) 16.02.2012 | (11) EP2953807 |
| (47) 23.05.2018 | (54) VEHICLE CONTROL APPARATUS | (21) EP13704880.7 |
| (87) EP2015001628 | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (47) 23.05.2018 |
| 03.03.2016 | (72) MICHIKOSHI Yosuke | (87) EP2013000398 |
| (22) 06.08.2015 | ETO Shingo | 14.08.2014 |
| (54) VALVE UNIT FOR MODULATING | INOUE Yuji | (22) 11.02.2013 |
| PRESSURE IN AN AIR-BRAKE SYSTEM | IDESHIO Yukihiko | (54) A METHOD FOR PROPELLING A |
| (73) WABCO GmbH | SATO Akihiro | VEHICLE |
| (72) KNOKE, Stefan | (51) B60W 10/08 | (73) Volvo Truck Corporation |
| RUNGE, Karsten | B60K 6/445 | (72) EHRlich, Lisa |
| TEICHMANN, Andreas | B60W 20/00 | MOLIMARD, Bertrand |
| TORHOFF, Ingo | B60W 30/184 | BRINGHED, Johan |
| (31) 102014012712 | (11) EP3023312 | HEIWALL, Anders |
| (32) 27.08.2014 | (21) EP15195063.1 | (51) B60W 50/00 |
| (33) Germany | (47) 23.05.2018 | B60W 20/00 |
| (51) B60T 13/74 | (22) 18.11.2015 | (11) EP3079962 |
| B60T 17/22 | (54) HYBRID VEHICLE | (21) EP14795603.1 |
| B60T 7/12 | (73) Toyota Jidosha Kabushiki Kaisha | (47) 23.05.2018 |
| G06F 12/00 | (72) NISHIMINE, Akiko | (87) EP2014073625 |
| (11) EP2296950 | MIZUNO, Yota | 18.06.2015 |
| (21) EP09784401.3 | MURATA, Sohei | (22) 04.11.2014 |
| (47) 23.05.2018 | HATA, Kensei | (54) METHOD FOR ASCERTAINING A |
| (87) FR2009051105 | (31) 2014234960 | DRIVING STATE OF A HYBRID |
| 21.01.2010 | (32) 19.11.2014 | VEHICLE FOR ROUTE SEGMENTS OF A |
| (22) 12.06.2009 | (33) Japan | DRIVING ROUTE LYING AHEAD, AND |
| (54) DIAGNOSTIC METHOD AND | (51) B60W 20/00 | HYBRID VEHICLE |
| APPARATUS FOR A VEHICLE | B60K 6/36 | (73) Volkswagen Aktiengesellschaft |
| CONTROL SYSTEM | B60K 6/387 | (72) BELLIN, Jan |
| (73) Renault s.a.s. | B60K 6/40 | WEISS, Norbert |
| (72) MONTI, Alessandro | B60K 6/442 | AUER, Richard |
| LOSQ, Arnaud | B60K 6/547 | TESSARS, Christopher |
| MOUNIER, Eric | B60W 10/02 | (31) 102013225558 |
| (31) 0854181 | B60W 10/06 | (32) 11.12.2013 |
| (32) 24.06.2008 | B60W 10/08 | (33) Germany |
| (33) France | B60W 10/10 | (51) B60W 50/02 |
| (51) B60T 17/22 | (11) EP2289751 | B60W 20/00 |
| B60T 8/40 | (21) EP10008604.0 | (11) EP3188947 |
| (11) EP3074287 | (47) 23.05.2018 | (21) EP15763881.8 |
| (21) EP14784262.9 | (22) 18.08.2010 | (47) 23.05.2018 |
| (47) 23.05.2018 | (54) Hybrid powertrain for a motor vehicle and | (87) EP2015070782 |
| (87) EP2014072306 | method for operating same | 28.04.2016 |
| 04.06.2015 | (73) Volkswagen Aktiengesellschaft | (22) 11.09.2015 |
| (22) 17.10.2014 | (72) Schröder, Hendrik, Dr. | (54) METHOD AND CONTROLLER FOR |
| (54) ELECTROHYDRAULIC MOTOR | Hanke, Stefan | RECOGNIZING A COMBUSTION |
| VEHICLE BRAKE SYSTEM AND | Hofmann, Lars, Dr. | PROCESS IN AN INTERNAL |
| METHOD FOR VENTILATION | (31) 102009039360 | COMBUSTION ENGINE OF A HYBRID |
| OF THE SIMULATOR CIRCUIT | (32) 29.08.2009 | VEHICLE |
| THEREOF; METHOD FOR TESTING | (33) Germany | (73) Volkswagen Aktiengesellschaft |
| THE FUNCTIONALITY OF A FURTHER | (51) B60W 20/00 | (72) WEISS, Norbert |
| ELECTROHYDRAULIC MOTOR | B60W 10/06 | PIASECKI, Christian |
| VEHICLE BRAKE SYSTEM, AND | (11) EP1736389 | TREBESIUS, Samuel |
| COMPUTER PROGRAM PRODUCTS FOR | (21) EP06012978.0 | FREIWALD, Grit |
| THE METHODS | (47) 23.05.2018 | THAUER, Florian |
| (73) Lucas Automotive GmbH | (22) 23.06.2006 | (31) 102014221293 |
| (72) ALFORD, Nicholas | (54) Hybrid vehicle drive | (32) 21.10.2014 |
| (31) 102013018072 | (73) Yamaha Hatsudoki Kabushiki Kaisha | (33) Germany |
| (32) 28.11.2013 | (72) Katsuhiko, Arai | (51) B61C 3/00 |
| (33) Germany | Saitou, Tetsushi | B61F 5/00 |
| (51) B60W 10/02 | (31) 2005184142 | B61C 17/00 |
| B60K 6/48 | (32) 23.06.2005 | B61C 9/50 |
| B60K 6/54 | (33) Japan | (11) EP3057843 |
| B60W 10/06 | (51) B60W 20/10 | (21) EP14816170.6 |
| B60W 20/00 | B60W 50/10 | (47) 23.05.2018 |
| (11) EP2815940 | B60W 10/06 | (87) EP2014077136 |

| | | |
|--|--|---|
| 18.06.2015 | (47) 23.05.2018 | (72) KIEGERL, Christoph |
| (22) 10.12.2014 | (22) 14.03.2013 | KNAPP, Hans |
| (54) BOGIE WITH AXLE DRIVE MOUNTED ON THE BEARINGS | (54) System and method for steering vehicles | BÖS, Manuel |
| (73) Siemens Aktiengesellschaft | (73) Hyster-Yale Group, Inc. | STOCK, Josef |
| (72) KÖRNER, Olaf | (72) Thorsen, Jason | (31) 102013011484 |
| FRANK, Hartmut | Baywol, Roger J. | 102013018237 |
| LIEBIG, Thomas | Mowcazn, Edward J. | (32) 09.07.2013 |
| OEHLER, Thomas | (31) 201261612519 P | 30.10.2013 |
| PFANNSCHMIDT, Bernd | (32) 19.03.2012 | (33) Germany |
| STÄRZ, Tobias | (33) United States of America | Germany |
| (31) 13197176 | (51) B62B 5/00 | (51) B62D 6/00 |
| (32) 13.12.2013 | B62B 5/06 | B62D 5/04 |
| (33) European Patent Office (EPO) | B62B 9/00 | B62D 113/00 |
| (51) B61D 3/08 | (11) EP3090920 | B62D 119/00 |
| (11) EP2636569 | (21) EP16161017.5 | (11) EP2985207 |
| (21) EP13157418.8 | (47) 23.05.2018 | (21) EP13882023.8 |
| (47) 23.05.2018 | (22) 17.03.2016 | (47) 23.05.2018 |
| (22) 01.03.2013 | (54) POWER ASSISTED CART | (87) JP2013060634 |
| (54) Container transport carriage for the railway transport of goods | (73) Doveri, Marco | 16.10.2014 |
| (73) Wanek-Pusset, Peter | Doveri, Nicolo | (22) 08.04.2013 |
| Grentner, Bernhard | Funaioli, Francesco | (54) STEERING CONTROL DEVICE, AND STEERING CONTROL METHOD |
| (72) Wanek-Pusset, Peter | Funaioli, Giovanni | (73) Mitsubishi Electric Corporation |
| Grentner, Bernhard | (72) Doveri, Marco | (72) ENDO, Masaya |
| (31) 500562012 | Doveri, Nicolo | KIMPARA, Yoshihiko |
| (32) 05.03.2012 | Funaioli, Francesco | OGAWA, Kenji |
| (33) Austria | Funaioli, Giovanni | TODA, Taizo |
| (51) B61L 3/12 | (31) PI20150019 | |
| B60L 3/00 | (32) 17.03.2015 | (51) B62D 15/02 |
| B60L 9/04 | (33) Italy | B60W 30/12 |
| B60L 3/04 | (51) B62D 1/06 | (11) EP2703254 |
| B61L 23/00 | B62D 1/11 | (21) EP12189017.2 |
| B61L 25/02 | (11) EP3050775 | (47) 23.05.2018 |
| (11) EP2810847 | (21) EP15152824.7 | (22) 18.10.2012 |
| (21) EP12867446.2 | (47) 23.05.2018 | (54) LANE KEEPING CONTROL METHOD |
| (47) 23.05.2018 | (22) 28.01.2015 | (73) Hyundai Mobis Co., Ltd. |
| (87) JP2012052546 | (54) Steering wheel | (72) You, Eun Young |
| 08.08.2013 | (73) MAGNA STEYR Fahrzeugtechnik AG & Co | Shin, Kwang Keun Joseph |
| (22) 03.02.2012 | KG | (31) 20120097292 |
| (54) CIRCUIT BREAKER CONTROLLER FOR ELECTRICALLY POWERED TRAIN | (72) Geisler, Johannes | (32) 03.09.2012 |
| (73) Mitsubishi Electric Corporation | (51) B62D 1/18 | (33) Korea (Republic) |
| (72) FUJIMOTO, Yoshiaki | F16F 1/06 | (51) B62D 21/15 |
| TAKIGAWA, Yoshihito | F16B 5/02 | (11) EP3164318 |
| KAIHARA, Eiji | (11) EP2662265 | (21) EP15745521.3 |
| (51) B61L 23/04 | (21) EP12732203.0 | (47) 23.05.2018 |
| B61L 1/16 | (47) 23.05.2018 | (87) FR2015051641 |
| B61L 27/00 | (87) JP2012050145 | 07.01.2016 |
| G01M 5/00 | 12.07.2012 | (22) 19.06.2015 |
| G01N 29/04 | (22) 06.01.2012 | (54) IMPROVED TRANSVERSE REINFORCING BRACE |
| (11) EP2817604 | (54) STEERING DEVICE | (73) PSA Automobiles SA |
| (21) EP13707906.7 | (73) JTEKT Corporation | (72) TUAL, Catherine |
| (47) 23.05.2018 | (72) OHARA, Yoshihide | MENAND, Marine |
| (87) GB2013050451 | YAMAMOTO, Tatsuhiro | JOURDAN, Dominique |
| 29.08.2013 | KAWAKAMI, Hiroshi | |
| (22) 22.02.2013 | SUZUKI, Toru | (31) 1456485 |
| (54) MONITORING TRANSPORT NETWORK INFRASTRUCTURE | (31) 2011001470 | (32) 04.07.2014 |
| (73) OptaSense Holdings Limited | (32) 06.01.2011 | (33) France |
| (72) GODFREY, Alastair | (33) Japan | (51) B62D 25/02 |
| (31) 201203273 | (51) B62D 5/09 | B62D 25/04 |
| (32) 24.02.2012 | B62D 5/30 | B62D 27/06 |
| (33) United Kingdom | (11) EP3019387 | B62D 29/04 |
| (51) B62B 3/06 | (21) EP14739042.1 | (11) EP3027490 |
| B60S 9/14 | (47) 23.05.2018 | (21) EP14739809.3 |
| (11) EP2641810 | (87) EP2014001878 | (47) 23.05.2018 |
| (21) EP13159146.3 | 15.01.2015 | (87) EP2014065083 |
| | (22) 09.07.2014 | 05.02.2015 |
| | (54) ELECTROHYDRAULIC STEERING SYSTEM | (22) 15.07.2014 |
| | (73) Liebherr-Werk Bischofshofen GmbH | |

| | | |
|--|---|--|
| (54) VEHICLE BODY HAVING TWO ADHESIVELY BONDED BODY COMPONENTS | (51) B62D 25/20 B62D 25/14 | (33) Germany |
| (73) Bayerische Motoren Werke Aktiengesellschaft | (11) EP3118088 | (51) B62J 23/00 B62J 25/00 B62J 27/00 |
| (72) BEIL, Andreas | (21) EP15192504.7 | (11) EP3068681 |
| LENZ, Juergen | (47) 23.05.2018 | (21) EP14783616.7 |
| SCHMID, Lorenz | (22) 02.11.2015 | (47) 23.05.2018 |
| SCHNAUFER, Thomas | (54) ASSEMBLING STRUCTURE OF VEHICLE BODY | (87) EP2014071748 14.05.2015 |
| EIS, Martin | (73) Hyundai Motor Company | (22) 10.10.2014 |
| FLEISCHER, Torsten | (72) SONG, Jong Seop KIM, Yong Kew | (54) MULTI FUNCTIONAL FOOTBOARD CARRIER FOR MOTORSCOOTER |
| (31) 102013214782 | (31) 20150100321 | (73) Bayerische Motoren Werke Aktiengesellschaft |
| (32) 29.07.2013 | (32) 15.07.2015 | (72) WINKLER, Angelika |
| (33) Germany | (33) Korea (Republic) | (31) 102013222810 |
| (51) B62D 25/06 B62D 29/00 H01L 31/048 B32B 17/10 | (51) B62D 25/20 B62D 29/04 B62D 33/04 E04D 3/35 E04B 5/40 | (32) 11.11.2013 |
| (11) EP2878519 | (11) EP3003836 | (33) Germany |
| (21) EP14194943.8 | (21) EP14735695.0 | (51) B62J 25/00 B62J 27/00 |
| (47) 23.05.2018 | (47) 23.05.2018 | (11) EP2507120 |
| (22) 26.11.2014 | (87) SE2014050658 04.12.2014 | (21) EP10807351.1 |
| (54) Vehicle roof structure and vehicle, and method of manufacturing vehicle roof unit | (22) 28.05.2014 | (47) 23.05.2018 |
| (73) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI | (54) SANDWICH ELEMENT AND A LOAD FLOOR MADE AS SUCH AN ELEMENT | (87) IB2010003027 03.06.2011 |
| (72) Inaba, Hirotaka Terai, Hideaki | (73) SSAB Technology AB | (22) 26.11.2010 |
| (31) 2013246418 | (72) ISAKSSON, Anders | (54) TWO-WHEELED MOTORIZED VEHICLE |
| (32) 28.11.2013 | (31) 1350656 | (73) Officine UBU S.r.l. |
| (33) Japan | (32) 30.05.2013 | (72) ZULIANI, Franco |
| (51) B62D 25/08 | (33) Sweden | (31) MI20092104 |
| (11) EP3063052 | (51) B62D 29/00 | (32) 30.11.2009 |
| (21) EP14805342.4 | (11) EP2788247 | (33) Italy |
| (47) 23.05.2018 | (21) EP12784448.8 | (51) B62J 29/00 |
| (87) IB2014002231 07.05.2015 | (47) 23.05.2018 | (11) EP2933175 |
| (22) 27.10.2014 | (87) EP2012004437 13.06.2013 | (21) EP13861664.4 |
| (54) SUSPENSION TOWER AND VEHICLE FRONT STRUCTURE | (22) 24.10.2012 | (47) 23.05.2018 |
| (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (54) BODY COMPONENT | (87) JP2013004422 19.06.2014 |
| (72) AMEMIYA, Koji | (73) Daimler AG | (22) 19.07.2013 |
| (31) 2013225813 | (72) EIPPER, Konrad FEUSER, Peter | (54) SIDE MIRROR FOR STRADDLED VEHICLE |
| (32) 30.10.2013 | KALLFASS, Dietmar | (73) Kawasaki Jukogyo Kabushiki Kaisha |
| (33) Japan | LOBENWEIN, Uwe | (72) KATO, Hideyuki |
| (51) B62D 25/20 B60R 19/24 B60R 19/34 B62D 25/08 | SCHUSTER, Patrick SCHWEIKER, Thomas von STRZEMIE, Kai | (31) 2012273346 |
| (11) EP3006311 | (31) 102011120180 | (32) 14.12.2012 |
| (21) EP13885962.4 | (32) 06.12.2011 | (33) Japan |
| (47) 23.05.2018 | (33) Germany | (51) B62K 5/027 B62K 5/05 B62K 5/08 B62K 5/10 |
| (87) JP2013076847 04.12.2014 | (51) B62D 37/06 B62J 27/00 | (11) EP3147189 |
| (22) 02.10.2013 | (11) EP2941380 | (21) EP16182517.9 |
| (54) STRUCTURE FOR FRONT PART OF VEHICLE BODY | (21) EP13791970.0 | (47) 23.05.2018 |
| (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (47) 23.05.2018 | (22) 03.08.2016 |
| (72) TAMAOKI, Akihiro | (87) EP2013073486 10.07.2014 | (54) SADDLE TYPE VEHICLE |
| SAKAKIBARA, Kosuke | (22) 11.11.2013 | (73) Honda Motor Co., Ltd. |
| OMI, Masanobu | (54) METHOD AND DEVICE FOR THE DRIVING STABILIZATION OF A MOTORIZED TWO-WHEELED VEHICLE BY MEANS OF A DOUBLE-GYROSCOPE DEVICE | (72) YOKOYAMA, Yuichi |
| KURIYAMA, Tomoyuki | (73) Robert Bosch GmbH | (31) 2015186793 |
| KAWASHIMA, Wataru | (72) KLEWS, Matthias | (32) 24.09.2015 |
| TANAKA, Motoyuki | (31) 102013200020 | (33) Japan |
| KITAURA, Nobuaki | (32) 02.01.2013 | (51) B62K 19/46 B60K 15/04 B60K 15/05 |
| (31) 2013110918 | | (11) EP2703273 |
| (32) 27.05.2013 | | (21) EP13181314.9 |
| (33) Japan | | (47) 23.05.2018 |
| | | (22) 22.08.2013 |

| | | |
|---|------------------------------------|---|
| (54) Lid lock structure for saddle type vehicle | (31) 1456308 | (33) New Zealand |
| (73) Honda Motor Co., Ltd. | (32) 02.07.2014 | (51) B63H 25/42 |
| (72) Yokouchi, Kohei | (33) France | B63H 21/21 |
| Atsuchi, Michio | (51) B63B 25/22 | G01C 21/20 |
| (31) 2012187256 | B60P 7/13 | G05D 1/02 |
| (32) 28.08.2012 | B65D 90/00 | (11) EP3170735 |
| (33) Japan | B63B 25/28 | (21) EP16198886.0 |
| (51) B62K 21/00 | (11) EP2945852 | (47) 23.05.2018 |
| B62K 25/08 | (21) EP13872225.1 | (22) 15.11.2016 |
| (11) EP2749482 | (47) 23.05.2018 | (54) BOAT MANEUVERING CONTROL |
| (21) EP13199338.8 | (87) FI2013050057 | METHOD FOR BOAT AND BOAT |
| (47) 23.05.2018 | 24.07.2014 | MANEUVERING CONTROL SYSTEM |
| (22) 23.12.2013 | (22) 18.01.2013 | FOR BOAT |
| (54) Steering apparatus for vehicle | (54) COUPLING MEANS | (73) Yamaha Hatsudoki Kabushiki Kaisha |
| (73) KAWASAKI JUKOGYO KABUSHIKI | (73) MacGregor Finland Oy | (72) ITO, Makoto |
| KAISHA | (72) AHLSTRÖM, Magnus | NILSSON, Sebastian |
| (72) Ishii, Hiroshi | BERGMAN, Johan | LINDEBORG, Mathias |
| Saeki, Daisuke | (51) B63H 5/125 | (31) 2015224677 |
| (31) 2012285604 | B63H 21/38 | (32) 17.11.2015 |
| (32) 27.12.2012 | F01P 3/20 | (33) Japan |
| (33) Japan | (11) EP3172128 | (51) B64C 1/12 |
| (51) B62L 3/02 | (21) EP15790105.9 | B64C 3/26 |
| (11) EP2674352 | (47) 23.05.2018 | B64C 3/48 |
| (21) EP13003036.4 | (87) EP2015075445 | (11) EP2179918 |
| (47) 23.05.2018 | 19.05.2016 | (21) EP09173979.7 |
| (22) 13.06.2013 | (22) 02.11.2015 | (47) 23.05.2018 |
| (54) Brake control apparatus | (54) ELECTRIC NACELLE DRIVE | (22) 23.10.2009 |
| (73) SRAM, LLC. | (73) Siemens Aktiengesellschaft | (54) Corrugated skins for aircraft and methods of |
| (72) Jordan, Brian | (72) BALZER, Christoph | their manufacture |
| Vonend, Andreas | SEIBICKE, Frank | (73) GE Aviation Systems Limited |
| Günder, Andreas | (31) 14193033 | (72) Potter, Kevin D. |
| (31) 201213524885 | (32) 13.11.2014 | (31) 0819630 |
| (32) 15.06.2012 | (33) European Patent Office (EPO) | (32) 27.10.2008 |
| (33) United States of America | (51) B63H 9/08 | (33) United Kingdom |
| (51) B63B 1/10 | B63B 15/00 | (51) B64C 13/28 |
| B63B 1/12 | (11) EP2576338 | F16H 25/24 |
| B63B 21/50 | (21) EP09826961.6 | (11) EP2532583 |
| F03D 1/06 | (47) 23.05.2018 | (21) EP12170741.8 |
| F03D 13/25 | (87) US2009064753 | (47) 23.05.2018 |
| F03D 9/25 | 20.05.2010 | (22) 04.06.2012 |
| B63B 35/44 | (22) 17.11.2009 | (54) Telescopic actuator |
| (11) EP3055561 | (54) SAILBOAT HALYARD LOCK | (73) Safran Landing Systems |
| (21) EP14772165.8 | (73) NTG Masts LLC | (72) Quenerch'Du, Marc |
| (47) 23.05.2018 | (72) HALL, Eric, R.D. | Balducci, Gérard |
| (87) EP2014070398 | RENO, Norman | (31) 1154898 |
| 16.04.2015 | (31) 115445 P | (32) 06.06.2011 |
| (22) 24.09.2014 | (32) 17.11.2008 | (33) France |
| (54) FLOATING WIND POWER PLANT | (33) United States of America | (51) B64C 25/02 |
| (73) CRUSE Offshore GmbH | (51) B63H 11/107 | B64C 25/12 |
| (72) CRUSE, Jens | B63H 11/02 | (11) EP3127806 |
| (31) 102013111115 | B63H 11/11 | (21) EP16182411.5 |
| (32) 08.10.2013 | B63H 11/01 | (47) 23.05.2018 |
| (33) Germany | B63H 11/08 | (22) 02.08.2016 |
| (51) B63B 1/12 | B63H 11/10 | (54) LANDING GEAR INCLUDING A |
| B63B 1/10 | (11) EP2611687 | COMPOSITE STRUT TUBE AND |
| B63B 43/04 | (21) EP11821208.3 | METHODS FOR ASSEMBLING THE |
| (11) EP3194258 | (47) 23.05.2018 | SAME |
| (21) EP15759837.6 | (87) IB2011053802 | (73) Goodrich Corporation |
| (47) 23.05.2018 | 08.03.2012 | (72) LUCE, William E. |
| (87) FR2015051780 | (22) 31.08.2011 | (31) 201514818976 |
| 07.01.2016 | (54) A SYSTEM FOR REVERSING A HIGH | (32) 05.08.2015 |
| (22) 30.06.2015 | MASS/LOW-PRESSURE LIQUID | (33) United States of America |
| (54) PROA-TYPE VESSEL, THE MAIN | PROPULSION DEVICE | (51) B64C 27/10 |
| HULL OF WHICH BEARS A SELF- | (73) Propeller Jet Limited | (11) EP2873612 |
| SUPPORTING COUNTERWEIGHT | (72) DAVIES, Barry John | (21) EP14190872.3 |
| STRUCTURE | (31) 58775210 | (47) 23.05.2018 |
| (73) Sea Proven | (32) 02.09.2010 | (22) 29.10.2014 |
| (72) BURIGNOT DE VARENNE, Fabien | | |

- (54) Counter-rotating rotor system with fairing
(73) Sikorsky Aircraft Corporation
(72) Harrigan, Matthew
(31) 201314073301
(32) 06.11.2013
(33) United States of America
(51) B64C 27/33
(11) EP2949579
(21) EP14400037.9
(47) 23.05.2018
(22) 28.05.2014
(54) Flexbeam unit with at least one twisted flexbeam element
(73) AIRBUS HELICOPTERS DEUTSCHLAND GmbH
(72) Büsing, Moritz
(51) B64C 27/82
(11) EP3023328
(21) EP15194282.8
(47) 23.05.2018
(22) 12.11.2015
(54) A ROTARY WING AIRCRAFT HAVING A NON-DUCTED TAIL ROTOR WITH AT LEAST FIVE BLADES
(73) Airbus Helicopters
(72) CERTAIN, Bernard
(31) 1402616
(32) 20.11.2014
(33) France
(51) B64D 1/02
B64D 1/22
B64D 9/00
F16F 13/00
(11) EP3133015
(21) EP16183355.3
(47) 23.05.2018
(22) 09.08.2016
(54) LOAD HOOK SUBSTRUCTURE
(73) Marengo Swisshelicopter AG
(72) Stucki, Martin
Donno, Cosimo
(31) 12102015
(32) 21.08.2015
(33) Switzerland
(51) B64D 11/00
(11) EP2925608
(21) EP13795750.2
(47) 23.05.2018
(87) EP2013074629
05.06.2014
(22) 25.11.2013
(54) SEAT ATTACHMENT DEVICE
(73) Recaro Aircraft Seating GmbH & Co. KG
(72) HÄUSSER, Markus
(31) 102012111475
(32) 27.11.2012
(33) Germany
(51) B64D 11/00
(11) EP3157812
(21) EP15726736.0
(47) 23.05.2018
(87) IB2015054039
30.12.2015
(22) 28.05.2015
(54) INTERACTIVE SIDEWALL DISPLAY SYSTEM AND METHOD
(73) Bombardier Inc.
- (72) GRANT, Robert
(31) 201462015668 P
(32) 23.06.2014
(33) United States of America
(51) B64D 13/06
A61M 16/06
B64D 11/06
(11) EP2096033
(21) EP06833520.7
(47) 23.05.2018
(87) JP2006323716
05.06.2008
(22) 28.11.2006
(54) METHOD AND SYSTEM FOR SUPPLYING CONDITIONED AIR IN AIRPLANE
(73) Mitsubishi Heavy Industries, Ltd.
(72) SAITO, Hidefumi
TAKAO, Kay
(51) B64D 13/06
F02C 6/04
F02C 7/04
F02C 7/18
(11) EP2868580
(21) EP14183061.2
(47) 23.05.2018
(22) 01.09.2014
(54) Inlet system for a precooler
(73) The Boeing Company
(72) Tretow, Paul R
Robert H., Willie
Robinson, Donald Edwin
(31) 201314068403
(32) 31.10.2013
(33) United States of America
(51) B64D 13/06
F02C 6/08
(11) EP2848534
(21) EP14179716.7
(47) 23.05.2018
(22) 04.08.2014
(54) Aircraft environmental control system (ECS) selectively powered by three bleed ports
(73) Hamilton Sundstrand Corporation
(72) Bruno, Louis J.
Zywiak, Thomas M.
(31) 201361872941 P
201314088557
(32) 03.09.2013
25.11.2013
(33) United States of America
United States of America
(51) B64D 13/08
B64D 13/06
(11) EP2664544
(21) EP12002004.5
(47) 23.05.2018
(22) 21.03.2012
(54) Method for controlling an aircraft air conditioning system and aircraft air conditioning system
(73) Airbus Operations GmbH
(72) Kelnhofer, Jürgen
Krakowski, Dariusz
(51) B64D 13/08
F28D 15/02
B64D 15/02
- B64D 37/34
(11) EP3095704
(21) EP16170051.3
(47) 23.05.2018
(22) 18.05.2016
(54) HEAT RECOVERY SYSTEM, IN PARTICULAR FOR USE ON AIRCRAFT, USING A TWO-PHASE FLUID CIRCUIT
(73) LEONARDO S.P.A.
(72) Moscatelli, Antonio
Mancuso, Gianni
(31) UB20150833
(32) 21.05.2015
(33) Italy
(51) B64D 15/00
(11) EP2915747
(21) EP15152213.3
(47) 23.05.2018
(22) 22.01.2015
(54) Systems and methods for passive deicing
(73) The Boeing Company
(72) Sapper, Erik David
Zweig, Andrew M.
(31) 201414201344
(32) 07.03.2014
(33) United States of America
(51) B64D 25/00
G02B 27/02
G02B 27/04
(11) EP2773558
(21) EP12846544.0
(47) 23.05.2018
(87) US2012062706
10.05.2013
(22) 31.10.2012
(54) EMERGENCY VISION APPARATUS WITH CLOSABLE HAND OPENING
(73) Werjefelt, Bertil R.L.
Werjefelt, Alexander, K.
Werjefelt, Christian
(72) Werjefelt, Bertil R.L.
Werjefelt, Alexander, K.
Werjefelt, Christian
(31) 201113285958
(32) 31.10.2011
(33) United States of America
(51) B64D 27/02
(11) EP3187420
(21) EP15382681.3
(47) 23.05.2018
(22) 31.12.2015
(54) AIRCRAFT WITH REAR MOUNTED ENGINES
(73) Airbus Operations S.L.
(72) MARTÍNEZ MUÑOZ, José Luis
(51) B64D 27/26
B64F 5/00
(11) EP3027508
(21) EP14761400.2
(47) 23.05.2018
(87) IB2014001336
05.02.2015
(22) 16.07.2014
(54) METHOD FOR ATTACHMENT OF A PRE-ASSEMBLED POWERPLANT AND PYLON ASSEMBLY TO AN AIRCRAFT
(73) Bombardier Inc.
(72) ILIOPOULOS, Alexandros

| | | |
|--|-------------------------------------|--|
| SHEPHARD, Kevin | (11) EP3075671 | FORM A CONTAINER, SO AS TO |
| BERGERON, Roger-Andre | (21) EP14865799.2 | MANUFACTURE A BOX-SHAPED |
| BRADLEY, George | (47) 23.05.2018 | FRONT WALL AND TWO BOX-SHAPED |
| (31) 201361859459 P | (87) JP2014080735 | LATERAL WALLS OF A HINGED LID OF |
| (32) 29.07.2013 | 04.06.2015 | THE CONTAINER |
| (33) United States of America | (22) 20.11.2014 | (73) G.D SOCIETA' PER AZIONI |
| (51) B64F 1/20 | (54) DELAMINATION CONTAINER AND | (72) SCAGLIARINI, Simone |
| F21S 8/02 | METHOD OF MANUFACTURING IT | MECCAGNI, Mattia |
| F21W 111/06 | (73) Kyoraku Co., Ltd. | LANZARINI, Luca |
| (11) EP2942286 | (72) TARUNO, Shinsuke | FEDERICI, Luca |
| (21) EP14167329.3 | (31) 2013245374 | (31) UB20154593 |
| (47) 23.05.2018 | 2013245358 | (32) 13.10.2015 |
| (22) 07.05.2014 | (32) 27.11.2013 | (33) Italy |
| (54) Omni-directional airport taxiway light | 27.11.2013 | (51) B65D 39/00 |
| (73) Induperm A/S | (33) Japan | B65D 51/24 |
| (72) Schönert, Oliver | Japan | (11) EP2590869 |
| (51) B64G 1/36 | (51) B65D 1/02 | (21) EP11701094.2 |
| B64G 1/26 | B65D 1/20 | (47) 23.05.2018 |
| B64G 1/24 | B65D 21/02 | (87) EP2011050896 |
| (11) EP2693286 | B65D 23/10 | 28.07.2011 |
| (21) EP13176781.6 | B65D 25/28 | (22) 24.01.2011 |
| (47) 23.05.2018 | B65D 83/00 | (54) Container stopper with a decorative layer |
| (22) 17.07.2013 | B65D 1/44 | (73) Vinventions USA, LLC |
| (54) Device and method for de-orbiting a satellite | (11) EP3160854 | (72) BOST, Damon James |
| (73) THALES | (21) EP15730743.0 | COOPER, James Edward |
| (72) Forestier, Damien | (47) 23.05.2018 | DAVIS, Lindsay Herman |
| Houis, Laurent | (87) EP2015063459 | KIRCH, Marco Josef Otto |
| Herbiniere, Sébastien | 07.01.2016 | MILLER, Darell James |
| (31) 1202180 | (22) 16.06.2015 | KESKAR, Nisha Amol |
| (32) 03.08.2012 | (54) CONTAINER FOR LIQUID DETERGENT | (31) 10000702 |
| (33) France | AND METHOD FOR THE METERED | (32) 25.01.2010 |
| (51) B65B 9/20 | DISPENSING OF DETERGENT FROM | (33) European Patent Office (EPO) |
| B65B 51/30 | THE CONTAINER | (51) B65D 75/58 |
| B65B 9/10 | (73) Henkel AG & Co. KGaA | B65D 85/804 |
| B65B 61/28 | (72) GERHARDS, Katja | A47J 31/40 |
| B65B 41/12 | THEUMERT, Gerhard Josef | A47J 31/36 |
| (11) EP2948377 | GKORTZA, Asimina | A47J 31/14 |
| (21) EP14743366.8 | GEBERZAHN, Rainer | (11) EP3174813 |
| (47) 23.05.2018 | (31) 102014212601 | (21) EP15739621.9 |
| (87) CA2014000036 | (32) 30.06.2014 | (47) 23.05.2018 |
| 31.07.2014 | (33) Germany | (87) EP2015066821 |
| (22) 17.01.2014 | (51) B65D 1/22 | 04.02.2016 |
| (54) FORM, FILL AND SEAL PACKAGING | B65D 1/00 | (22) 23.07.2015 |
| MACHINE | B65D 77/00 | (54) PACK, SYSTEM AND METHOD FOR |
| (73) Nicolle, Kenneth Arthur | (11) EP2067705 | PREPARING BEVERAGES |
| (72) Nicolle, Kenneth Arthur | (21) EP07828737.2 | (73) Nestec S.A. |
| (31) 201361755650 P | (47) 23.05.2018 | (72) BUTSCHER, Silvio |
| (32) 23.01.2013 | (87) JP2007068996 | KAESER, Thomas |
| (33) United States of America | 03.04.2008 | YOAKIM, Alfred |
| (51) B65B 11/30 | (22) 28.09.2007 | SCHERZ, Cynthia |
| B65B 25/00 | (54) DEEP DRAWN PACKAGING | DENISART, Jean-Luc |
| B65B 51/14 | CONTAINER AND METHOD FOR | (31) 14179092 |
| (11) EP3055214 | PRODUCTION OF THE PACKAGING | (32) 30.07.2014 |
| (21) EP14798976.8 | CONTAINER | (33) European Patent Office (EPO) |
| (47) 23.05.2018 | (73) Kureha Corporation | (51) B65D 77/22 |
| (87) IB2014065209 | (72) ISHII Hitoshi | (11) EP3133031 |
| 16.04.2015 | IBE Seiichi | (21) EP16188636.1 |
| (22) 10.10.2014 | (31) 2006268003 | (47) 23.05.2018 |
| (54) METHOD AND APPARATUS FOR | (32) 29.09.2006 | (22) 12.07.2012 |
| WRAPPING CONFECTIONERY | (33) Japan | (54) METHOD OF MAKING MULTI-LAYER |
| PRODUCTS | (51) B65D 5/66 | VALVE CONSTRUCTION HAVING |
| (73) M.C. AUTOMATIONS S.r.l. | B65B 19/22 | FLUID SEALING LAYER |
| (72) CASELLI, Mario | (11) EP3156344 | (73) Avery Dennison Corporation |
| (31) BO20130556 | (21) EP16193389.0 | (72) GARDNER, David |
| (32) 10.10.2013 | (47) 23.05.2018 | (31) 201161507581 P |
| (33) Italy | (22) 11.10.2016 | (32) 13.07.2011 |
| (51) B65D 1/02 | (54) WRAPPING METHOD AND UNIT | (33) United States of America |
| | TO FOLD A BLANK DESIGNED TO | (51) B65D 81/05 |

| | | |
|-------------------------------------|-----------------------------------|--|
| (11) EP2930123 | B65D 90/02 | (54) DEVICE FOR INDICATION AND |
| (21) EP15162651.2 | B65D 90/20 | SETTING OF OPERATING TENSION OF |
| (47) 23.05.2018 | B65D 88/08 | AN ENDLESS CHAIN STRAND |
| (22) 07.04.2015 | B65D 90/08 | (73) Schenck Process, S.R.O. |
| (54) CUSHIONING PACKAGE | (11) EP2822879 | (72) CERNY, Tomas |
| (73) Offmar S.r.l. | (21) EP13749660.0 | CHLEBOVEC, Michal |
| (72) Matta, Guido | (47) 23.05.2018 | (31) 20130713 |
| (31) TO20140303 | (87) NZ2013000015 | 201328484 U |
| (32) 09.04.2014 | 22.08.2013 | (32) 18.09.2013 |
| (33) Italy | (22) 15.02.2013 | 18.09.2013 |
| (51) B65D 83/08 | (54) TANK, KIT SET, METHOD | (33) Czech Republic |
| (11) EP3020655 | (73) Peterken, Neil, Terry | Czech Republic |
| (21) EP15193736.4 | (72) Peterken, Neil, Terry | (51) B65G 54/02 |
| (47) 23.05.2018 | (31) 59823312 | (11) EP3078617 |
| (22) 09.11.2015 | (32) 15.02.2012 | (21) EP15162524.1 |
| (54) SALES PACKAGING | (33) New Zealand | (47) 23.05.2018 |
| (73) THIMM Verpackung GmbH + Co. KG | (51) B65F 1/16 | (22) 07.04.2015 |
| (72) KÜHN, Horst | (11) EP3153433 | (54) TRANSPORTING APPARATUS |
| (31) 102014016725 | (21) EP16192278.6 | (73) Tetra Laval Holdings & Finance SA |
| 102015204414 | (47) 23.05.2018 | (72) Pradelli, Massimo |
| (32) 13.11.2014 | (22) 04.10.2016 | Rimondi, Fabrizio |
| 11.03.2015 | (54) LID FOR A WASTE RECEPTACLE | (51) B65G 69/00 |
| (33) Germany | (73) Gollinucci, Giacomo | (11) EP2939967 |
| Germany | (72) Gollinucci, Giacomo | (21) EP15001318.3 |
| (51) B65D 83/38 | (31) UB20154186 | (47) 23.05.2018 |
| B05B 11/00 | (32) 05.10.2015 | (22) 19.02.2013 |
| B65D 83/48 | (33) Italy | (54) SEAL ASSEMBLY FOR LOADING DOCK |
| (11) EP2332854 | (51) B65G 17/00 | SEALS AND SHELTERS |
| (21) EP09819243.8 | (11) EP2319780 | (73) Rite-Hite Holding Corporation |
| (47) 23.05.2018 | (21) EP10177119.4 | (72) Digmann, Charles |
| (87) JP2009067542 | (47) 23.05.2018 | Schmidt, Timothy J. |
| 15.04.2010 | (22) 16.09.2010 | (31) 201213404962 |
| (22) 08.10.2009 | (54) Conveying system | (32) 24.02.2012 |
| (54) SEALING STRUCTURE FOR AEROSOL | (73) Bayerische Motoren Werke | (33) United States of America |
| CONTAINER, AEROSOL CONTAINER, | Aktiengesellschaft | (51) B65H 3/06 |
| AND AEROSOL CONTAINER | (72) Stumpf, Hellmuth | B65H 3/52 |
| MANUFACTURING METHOD | Näb, Robert | (11) EP3088337 |
| (73) Daizo Corporation | Leserer, Peter | (21) EP14874155.6 |
| (72) MIYAMOTO Hidetoshi | Niedermeier, Ludwig | (47) 23.05.2018 |
| TERAMOTO Keiichiro | (31) 102009053231 | (87) CN2014092015 |
| NAKAMURO Tatsuya | (32) 06.11.2009 | 02.07.2015 |
| TAKAHASHI Masaomi | (33) Germany | (22) 24.11.2014 |
| (31) 2008263292 | (51) B65G 19/00 | (54) SHEET-TYPE MEDIUM SEPARATING |
| (32) 09.10.2008 | (11) EP1979254 | APPARATUS AND SELF-SERVICE |
| (33) Japan | (21) EP07710422.2 | FINANCIAL DEVICE |
| (51) B65D 85/18 | (47) 23.05.2018 | (73) GRG Banking Equipment Co., Ltd. |
| A45C 13/02 | (87) US2007061367 | (72) DENG, Xiaohua |
| A45C 3/12 | 09.08.2007 | LI, Zhe |
| A45F 3/04 | (22) 31.01.2007 | XU, Huan |
| (11) EP3183188 | (54) THERMOPLASTIC BELT CONNECTOR | (31) 201310724154 |
| (21) EP15754392.7 | WITH FINGERS | (32) 24.12.2013 |
| (47) 23.05.2018 | (73) ThermoDrive LLC | (33) China |
| (87) US2015045484 | (72) DEGROOT, Michael | (51) B65H 3/24 |
| 25.02.2016 | HONEYCUTT, James | B65H 83/02 |
| (22) 17.08.2015 | MOL, Edward | B65H 1/26 |
| (54) BAG WITH MULTIPLE STORAGE | (31) 743191 P | (11) EP3160884 |
| COMPARTMENTS | 827961 P | (21) EP15747752.2 |
| (73) NIKE Innovate C.V. | (32) 31.01.2006 | (47) 23.05.2018 |
| (72) NASSANIAN, Hrag | 03.10.2006 | (87) EP2015025038 |
| SAGAN, David | (33) United States of America | 30.12.2015 |
| (31) 201414462238 | United States of America | (22) 24.06.2015 |
| (32) 18.08.2014 | (51) B65G 23/44 | (54) METHOD AND DEVICE FOR |
| (33) United States of America | (11) EP3046858 | SUPPLYING A MACHINE WITH |
| (51) B65D 88/52 | (21) EP14766660.6 | BLANKS |
| B65D 90/04 | (47) 23.05.2018 | (73) BOBST MEX SA |
| E03B 11/00 | (87) EP2014002435 | (72) CHIARI, Mauro |
| E04H 7/02 | 26.03.2015 | CAZES, Daniel |
| B65D 90/06 | (22) 09.09.2014 | (31) 14002202 |

| | | |
|--|--|--|
| (32) 27.06.2014 | B65H 69/06 | (32) 11.12.2009 |
| (33) European Patent Office (EPO) | D01H 4/48 | (33) Finland |
| (51) B65H 5/06 | D01H 15/00 | (51) B66B 23/00 |
| B65H 9/16 | (11) EP2918534 | E04B 1/64 |
| B41J 13/26 | (21) EP15157689.9 | (11) EP3169617 |
| B65H 3/06 | (47) 23.05.2018 | (21) EP15733708.0 |
| (11) EP3068715 | (22) 05.03.2015 | (47) 23.05.2018 |
| (21) EP14821183.2 | (54) Spinning machine and method for transferring a yarn to a piecing device | (87) EP2015064868 |
| (47) 23.05.2018 | (73) Rieter Ingolstadt GmbH | 21.01.2016 |
| (87) EP2014079099 | (72) Stephan, Adalbert | (22) 30.06.2015 |
| 23.07.2015 | Hagl, Robert | (54) COVER COMPONENT FOR AN ESCALATOR OR A MOVING WALKWAY |
| (22) 23.12.2014 | Pilar, Evzen | (73) Inventio AG |
| (54) PRINTER HAVING REGENERATIVE INTERMEDIARY DRIVE | (31) 102014103193 | (72) MATHEISL, Michael |
| (73) Memjet Technology Limited | (32) 11.03.2014 | FRIM, Norbert |
| (72) MACKEY, Paul Ian | (33) Germany | SAILER, Paul |
| JENSEN, David William | (51) B65H 54/88 | SCHULZ, Robert |
| (31) 201461928103 P | B65H 67/04 | NOVACEK, Thomas |
| (32) 16.01.2014 | B65H 54/26 | MARKS, Esteban |
| (33) United States of America | (11) EP2441718 | (31) 14177559 |
| (51) B65H 18/16 | (21) EP11181446.3 | (32) 17.07.2014 |
| B65H 18/22 | (47) 23.05.2018 | (33) European Patent Office (EPO) |
| (11) EP2135828 | (22) 15.09.2011 | (51) B66C 13/20 |
| (21) EP09161640.9 | (54) Yarn winding apparatus | B66D 1/44 |
| (47) 23.05.2018 | (73) Murata Machinery, Ltd. | (11) EP3135625 |
| (22) 02.06.2009 | (72) Shiota, Takeshi | (21) EP15182321.8 |
| (54) Winding apparatus of fibrous web and method for winding fibrous web | (31) 2010233735 | (47) 23.05.2018 |
| (73) Valmet Technologies, Inc. | (32) 18.10.2010 | (22) 25.08.2015 |
| (72) Åkerlund, Kenneth | (33) Japan | (54) HYDRAULIC DEVICE FOR A HYDRAULICALLY ACTUATED RAISABLE AND LOWERABLE HOOK OF A CRANE |
| Penttilä, Kimmo | (51) B66B 1/46 | (73) XCMG European Research Center GmbH |
| Järvensivu, Markku | (11) EP2953879 | (72) Verkoyen, Herr. Dr.-Ing. Torsten Hoppmann, Herr Dipl.-Ing. Heinz Henning Stammen, Herr Prof. Dr.-Ing. Christian |
| (31) 20085602 | (21) EP13874714.2 | (51) B66F 9/20 |
| (32) 18.06.2008 | (47) 23.05.2018 | B66C 13/40 |
| (33) Finland | (87) CN2013071389 | B66C 13/18 |
| (51) B65H 26/06 | 14.08.2014 | G05D 1/02 |
| B65H 26/02 | (22) 05.02.2013 | B66F 9/075 |
| (11) EP3030508 | (54) PERIPHERAL EQUIPMENT NEAR FIELD COMMUNICATION (NFC) CARD READER | (11) EP2542496 |
| (21) EP14750337.9 | (73) Otis Elevator Company | (21) EP11750973.7 |
| (47) 23.05.2018 | (72) TANG, Xiaobin, Vincent | (47) 23.05.2018 |
| (87) EP2014066630 | (51) B66B 5/06 | (87) NZ2011000024 |
| 12.02.2015 | (11) EP2909122 | 09.09.2011 |
| (22) 01.08.2014 | (21) EP13779813.8 | (22) 17.02.2011 |
| (54) APPARATUS AND METHOD FOR TRACKING DEFECTS IN SHEET MATERIALS | (47) 23.05.2018 | (54) METHOD AND SYSTEM FOR SENSING OBJECT LOAD ENGAGEMENT AND DISENGAGEMENT BY AUTOMATED VEHICLES |
| (73) KHS GmbH | (87) EP2013071865 | (73) Crown Equipment Corporation |
| (72) HERRMANN, Jürgen-Peter | 24.04.2014 | (72) BELL, Jamie |
| HERRMANN, Marius Michael | (22) 18.10.2013 | CHANDRASEKAR, Kashyap |
| SCHORN, Wolfgang | (54) SAFETY DEVICE FOR A LIFT SYSTEM | GRAHAM, Andrew, Evan |
| (31) 102013108485 | (73) Inventio AG | HOWSE, David, Charles |
| (32) 06.08.2013 | (72) ANNEN, Mirco | (31) 718620 |
| (33) Germany | MICHEL, David | (32) 05.03.2010 |
| (51) B65H 31/06 | (31) 12189011 | (33) United States of America |
| B65H 33/08 | (32) 18.10.2012 | (51) B67B 3/00 |
| (11) EP2520525 | (33) European Patent Office (EPO) | B67C 7/00 |
| (21) EP12165901.5 | (51) B66B 11/00 | (11) EP2117986 |
| (47) 23.05.2018 | (11) EP2509907 | (21) EP07819700.1 |
| (22) 27.04.2012 | (21) EP10835554.6 | (47) 23.05.2018 |
| (54) Method for manufacturing stacks of vertical printed products | (47) 23.05.2018 | (87) EP2007009693 |
| (73) Müller Martini Holding AG | (87) FI2010051007 | 03.07.2008 |
| (72) Boos, Konrad | 16.06.2011 | (22) 08.11.2007 |
| (31) 7542011 | (22) 09.12.2010 | |
| (32) 03.05.2011 | (54) SUSPENSION ARRANGEMENT OF AN ELEVATOR CAR | |
| (33) Switzerland | (73) Kone Corporation | |
| (51) B65H 54/28 | (72) KORVENRANTA, Sakari | |
| | MERTALA, Antti | |
| | (31) 20090472 | |

| | | |
|--|--|--|
| (54) METHOD FOR CLOSING RECEPTACLES, AND CLOSING MACHINE | H01M 10/0569 H01M 10/0568 C01B 25/10 | (87) US2008010478 04.06.2009 (22) 08.09.2008 |
| (73) KHS GmbH | (11) EP2647599 | (54) IMPROVING EFFICIENCY OF AMMONIA PROCESSES |
| (72) CLÜSSERATH, Ludwig | (21) EP13175315.4 | (73) Kellogg Brown & Root LLC |
| (31) 102006061498 | (47) 23.05.2018 | (72) SINGH, Shashi, P. |
| 202006019465 U | (22) 31.10.2005 | JING, Yue |
| (32) 23.12.2006 | (54) Non-aqueous electrolyte comprising a hexafluorophosphate and a difluorophosphate | (31) 990207 P 107506 |
| 23.12.2006 | (73) Mitsubishi Chemical Corporation | (32) 26.11.2007 22.04.2008 |
| (33) Germany | (72) Kato, Ryoichi | (33) United States of America United States of America |
| Germany | Suzuki, Hirofumi | |
| (51) C01B 3/50 | Sasahara, Jun | |
| C01B 3/56 | Suzuki, Hitoshi | |
| C01B 3/58 | (31) 2005178828 | (51) C01F 5/24 |
| F25J 3/02 | (32) 20.06.2005 | D21H 17/67 |
| B01D 53/053 | (33) Japan | A01N 25/08 |
| (11) EP1450932 | (51) C01B 32/50 | A61K 47/02 |
| (21) EP02803448.6 | F23J 15/04 | A23L 27/00 |
| (47) 23.05.2018 | B01D 53/62 | A23L 33/16 |
| (87) FR2002003971 | B01D 53/34 | A23L 33/165 |
| 30.05.2003 | B01D 53/14 | C05D 5/00 |
| (22) 20.11.2002 | (11) EP2990091 | (11) EP1475351 |
| (54) METHODS FOR USING AN INSTALLATION FOR PRODUCING HYDROGEN | (21) EP14787605.6 | (21) EP03705080.4 |
| (73) L'AIR LIQUIDE, Société Anonyme pour l'Etude et l'Exploitation des Procédés | (47) 23.05.2018 | (47) 23.05.2018 |
| Georges Claude | (87) JP2014061445 | (87) JP2003001437 |
| (72) ENGLER, Yves | 30.10.2014 | 21.08.2003 |
| MICHALIK, Edie | (22) 23.04.2014 | (22) 12.02.2003 |
| COBBAUT, Jan | (54) DEVICE FOR RECOVERING AND METHOD FOR RECOVERING CARBON DIOXIDE | (54) BASIC MAGNESIUM CARBONATE, PROCESS FOR PRODUCING THE SAME AND UTILIZATION THEREOF |
| GONFALONE, Olivier | (73) IHI Corporation | (73) NITTETSU MINING CO., LTD. |
| SIMONS, Dirck | (72) OKUNO, Shinya | (72) Mitsuhashi, Kohei c/o Nittetsu Mining Co., Ltd. |
| (31) 0115117 | MURAMOTO, Tomoya | Tanabe, Katsuyuki c/o Nittetsu Mining Co., Ltd. |
| (32) 22.11.2001 | NISHIYAMA, Yuichi | Tagami, Naoki c/o Nittetsu Mining Co., Ltd. |
| (33) France | UENO, Shunichiro | |
| (51) C01B 25/45 | NAKAMURA, Shiko | |
| H01M 4/136 | (31) 2013093387 | (31) 2002035110 |
| H01M 4/36 | (32) 26.04.2013 | 2002150377 |
| H01M 4/58 | (33) Japan | 2002179462 |
| H01M 4/583 | (51) C01C 1/02 | 2002220768 |
| H01M 4/02 | C01C 1/10 | 2002269777 |
| H01M 10/052 | C01C 1/12 | (32) 13.02.2002 |
| (11) EP2781483 | B01D 19/00 | 24.05.2002 |
| (21) EP12849309.5 | B01D 53/14 | 20.06.2002 |
| (47) 23.05.2018 | C01B 17/16 | 30.07.2002 |
| (87) JP2012079484 | (11) EP2385929 | 17.09.2002 |
| 23.05.2013 | (21) EP09760100.9 | (33) Japan |
| (22) 14.11.2012 | (47) 23.05.2018 | Japan |
| (54) COMPOSITE PARTICLES, METHOD FOR PRODUCING SAME, ELECTRODE MATERIAL FOR SECONDARY BATTERIES, AND SECONDARY BATTERY | (87) EP2009008113 | Japan |
| (73) Denka Company Limited | 27.05.2010 | Japan |
| Sei Corporation | (22) 13.11.2009 | Japan |
| (72) KAWASAKI, Takashi | (54) METHOD AND PLANT FOR OBTAINING NH3 FROM A MIXTURE COMPRISING NH3 AND ACIDIC GASES | (51) C01F 7/02 |
| YOSHINO, Nobuyuki | (73) Air Liquide Global E&C Solutions Germany GmbH | C01F 7/34 |
| MURATA, Hiroshi | (72) UNGAR, Gert | C01F 7/44 |
| SAWAI, Takehiko | LINICUS, Matthias | C09C 1/48 |
| SAITO, Shinji | (31) 102008058143 | C09D 7/12 |
| URAO, Kazunori | (32) 20.11.2008 | C08K 3/22 |
| (31) 2011250184 | (33) Germany | C09C 1/00 |
| (32) 15.11.2011 | (51) C01C 1/04 | (11) EP2799398 |
| (33) Japan | B01J 8/04 | (21) EP14001292.3 |
| (51) C01B 25/45 | F27D 17/00 | (47) 23.05.2018 |
| H01M 10/0525 | (11) EP2231510 | (22) 09.04.2014 |
| H01M 10/0567 | (21) EP08853657.8 | (54) alpha-Alumina flakes |
| | (47) 23.05.2018 | (73) Merck Patent GmbH |
| | | (72) Suzuki, Ryuta |
| | | Pfaff, Gerhard |
| | | Schoen, Sabine |

| | | |
|---|---|--------------------------------|
| Matsuda, Noriyuki | A61K 49/04 | 22.05.2008 |
| Nitta, Katsuhisa | C09C 1/24 | (22) 13.11.2007 |
| (31) 13002293 | (11) EP2502882 | (54) PROCESS AND INSTALLATION |
| (32) 30.04.2013 | (21) EP10831610.0 | FOR ANAEROBIC TREATMENT OF |
| (33) European Patent Office (EPO) | (47) 23.05.2018 | MATERIAL HAVING A HIGH SOLIDS |
| (51) C01F 7/34 | (87) JP2010070555 | CONCENTRATION |
| B01J 37/03 | 26.05.2011 | (73) Valorga International |
| B01J 37/04 | (22) 18.11.2010 | (72) LOTTI, Jean-Pierre |
| B01J 37/08 | (54) PROCESS FOR PRODUCTION | FRUTEAU DE LACLOS, H el ene |
| C01F 7/44 | OF MAGNETIC IRON OXIDE | SAINT-JOLY, Claude |
| (11) EP2664583 | MICROPARTICLE POWDER AND AN | (31) 0654872 |
| (21) EP12734430.7 | AQUEOUS DISPERSION CONTAINING | 0752530 |
| (47) 23.05.2018 | THE MAGNETIC PARTICLES | (32) 13.11.2006 |
| (87) JP2012050635 | (73) Toda Kogyo Corp. | 05.01.2007 |
| 19.07.2012 | (72) HAKATA, Toshiyuki | (33) France |
| (22) 13.01.2012 | OKITA, Tomoko | France |
| (54) POROUS ALUMINA MATERIAL, | (31) 2009265469 | (51) C03C 1/02 |
| PROCESS FOR PRODUCING SAME, AND | (32) 20.11.2009 | C03C 4/18 |
| CATALYST | (33) Japan | C03C 10/00 |
| (73) Renaissance Energy Research Corporation | (51) C02F 1/00 | C03C 12/00 |
| Institute of National Colleges of Technology, | (11) EP2007683 | H01M 10/052 |
| Japan | (21) EP07724044.8 | H01M 10/0562 |
| (72) HASEGAWA, Akira | (47) 23.05.2018 | H01B 1/12 |
| OKADA, Osamu | (87) EP2007003103 | C03C 3/32 |
| ITO, Chihiro | 18.10.2007 | C03B 19/12 |
| (31) 2011006002 | (22) 05.04.2007 | (11) EP2418655 |
| (32) 14.01.2011 | (54) WATER FILTER CARTRIDGE SYSTEM | (21) EP10761436.4 |
| (33) Japan | HAVING A COMBINED BLENDING | (47) 23.05.2018 |
| (51) C01G 23/053 | VALVE SYSTEM AND ADJUSTING | (87) JP2010002538 |
| C01B 37/00 | DEVICE IN THE CANDLE AND IN THE | 14.10.2010 |
| (11) EP2578537 | HEAD | (22) 07.04.2010 |
| (21) EP11786909.9 | (73) Aquis Wasser-Luft-Systeme GmbH, Lindau | (54) GLASS COMPRISING SOLID |
| (47) 23.05.2018 | (72) SCHOLZ, Roland | ELECTROLYTE PARTICLES AND |
| (87) KR2011003854 | WAWRLA, Andreas | LITHIUM BATTERY |
| 01.12.2011 | (31) 102006016357 | (73) Idemitsu Kosan Co., Ltd. |
| (22) 26.05.2011 | 102006044746 | (72) ABURATANI, Ryo |
| (54) METHOD FOR PRODUCING TITANIUM | 102007010129 | SENGA, Minoru |
| DIOXIDE PARTICLES | (32) 05.04.2006 | OTA, Tsuyoshi |
| (73) Industry-University Cooperation Foundation | 20.09.2006 | NAKAGAWA, Masaru |
| Sogang University | 28.02.2007 | (31) 2009096482 |
| (72) YOON, Kyung Byung | (33) Germany | (32) 10.04.2009 |
| KIM, Hyun Sung | Germany | (33) Japan |
| HONG, Myunpyo | Germany | (51) C03C 3/11 |
| (31) 20100049040 | (51) C02F 3/28 | C03C 4/20 |
| (32) 26.05.2010 | B01D 53/52 | A61J 1/00 |
| (33) Korea (Republic) | C02F 1/20 | (11) EP3124447 |
| (51) C01G 25/00 | C02F 5/06 | (21) EP16180870.4 |
| C01G 25/02 | C02F 103/10 | (47) 23.05.2018 |
| C04B 35/486 | C02F 101/20 | (22) 22.07.2016 |
| C04B 35/626 | (11) EP2953905 | (54) LOW-BORON, ZIRCONIUM FREE |
| (11) EP1829824 | (21) EP14712696.5 | NEUTRAL GLASS WITH OPTIMIZED |
| (21) EP07102706.4 | (47) 23.05.2018 | ALKALINE RATIO |
| (47) 23.05.2018 | (87) FI2014050100 | (73) Schott AG |
| (22) 20.02.2007 | 14.08.2014 | (72) KASS, Christof |
| (54) Partially-alloyed zirconia powder and method | (22) 11.02.2014 | TRATZKY, Stephan |
| for preparing the same | (54) A METHOD FOR TREATING SULPHATE | M ANNL, Reinhard |
| (73) Sulzer Metco (US) Inc. | - CONTAINING WATERS | EICHHOLZ, Rainer |
| (72) Mueller, Michael | (73) Sulfator Oy | (31) 102015214431 |
| Dorfman, Mitchell R. | (72) AUROLA, Artto | (32) 29.07.2015 |
| Xie, Liangde | (31) 20130043 | (33) Germany |
| (31) 366748 | (32) 11.02.2013 | (51) C03C 3/16 |
| (32) 03.03.2006 | (33) Finland | C03C 3/17 |
| (33) United States of America | (51) C02F 3/28 | C03C 3/21 |
| (51) C01G 49/00 | C12M 1/107 | C03C 8/08 |
| C01G 49/08 | (11) EP2086891 | C03C 8/14 |
| A61K 9/10 | (21) EP07858690.6 | C03C 17/00 |
| A61K 47/02 | (47) 23.05.2018 | C03C 21/00 |
| A61K 49/00 | (87) FR2007052332 | (11) EP2961705 |

| | | |
|---|--|---|
| (21) EP14708455.2 (47) 23.05.2018 (87) US2014017911 04.09.2014 | (54) GLAZING PANEL COMPRISING A FIRST GLASS PANE AT LEAST PARTIALLY COATED WITH AN ELECTRICALLY CONDUCTIVE COATING | (87) EP2014063132 12.02.2015 (22) 23.06.2014 (54) LEAD-FREE PIEZOCERAMIC MATERIAL BASED ON BISMUTH SODIUM TITANATE (BST) |
| (22) 24.02.2014 (54) POROUS INORGANIC LAYER COMPATIBLE WITH ION EXCHANGE PROCESSES | (73) AGC Glass Europe (72) DECAYE, Jean-Bernard DEMEYERE, Michaël ROUCLOUX, Patrick | (73) PI Ceramic GmbH (72) HENNIG, Eberhard KYNAST, Antje TÖPFER, Michael HOFMANN, Michael |
| (73) Corning Incorporated (72) COMTE, Marie Jacqueline Monique LEHUEDE, Philippe | (31) 201100555 (32) 20.09.2011 (33) Belgium | (31) 102013013183 102014211465 (32) 07.08.2013 16.06.2014 (33) Germany Germany |
| (31) 201361769518 P (32) 26.02.2013 (33) United States of America | (51) C03C 27/12 B32B 17/10 B32B 27/30 | (51) C04B 35/478 C04B 38/00 (11) EP2714619 (21) EP12709204.7 (47) 23.05.2018 (87) US2012026724 06.12.2012 (22) 27.02.2012 (54) METHOD FOR CONTROLLING ALUMINUM TITANATE CERAMIC FILTER PROPERTIES |
| (51) C03C 17/00 C03C 17/34 B41M 1/12 B41M 1/34 B44C 1/00 B44C 3/02 C03C 8/14 | (11) EP2883848 (21) EP13825301.8 (47) 23.05.2018 (87) JP2013070819 06.02.2014 (22) 31.07.2013 (54) LAMINATED GLASS AND METHOD OF MOUNTING LAMINATED GLASS | (72) Corning Incorporated (72) BACKHAUS-RICOULT, Monika GLOSE, Christopher, R (31) 201113117510 (32) 27.05.2011 (33) United States of America |
| (11) EP2720985 (21) EP12731577.8 (47) 23.05.2018 (87) FR2012051355 20.12.2012 (22) 15.06.2012 (54) PROCESS FOR MANUFACTURING A GLASS SUBSTRATE COMPRISING PRINTED ENAMEL PATTERNS | (73) Sekisui Chemical Co., Ltd. (72) OHMOTO, Izumi NAKAJIMA, Daisuke II, Daizou FUKATANI, Juichi | (31) 2012170289 2012170290 (32) 31.07.2012 31.07.2012 (33) Japan Japan |
| (73) Saint-Gobain Glass France (72) SAVARY, Jean-Philippe BEYRLE, André CHAHBOUNE, Kamel | (31) 2012170289 2012170290 (32) 31.07.2012 31.07.2012 (33) Japan Japan | (51) C04B 26/02 C04B 26/04 C04B 26/06 C04B 26/16 C04B 26/18 C04B 26/32 C09D 5/34 C08G 59/40 C08G 77/26 C09K 3/10 |
| (31) 1155312 (32) 17.06.2011 (33) France | (51) C04B 26/02 C04B 26/04 C04B 26/06 C04B 26/16 C04B 26/18 C04B 26/32 C09D 5/34 C08G 59/40 C08G 77/26 C09K 3/10 | (51) C04B 35/495 H01L 41/187 (11) EP2287128 (21) EP10250263.0 (47) 23.05.2018 (22) 16.02.2010 (54) Piezoelectric/electrostrictive ceramic composition (73) NGK Insulators, Ltd. (72) Kaigawa, Kazuyuki Tanaka, Ritsu (31) 2009165708 (32) 14.07.2009 (33) Japan |
| (51) C03C 17/36 B32B 17/06 E06B 3/66 E06B 3/67 | (11) EP3256430 (21) EP16702925.5 (47) 23.05.2018 (87) EP2016052329 18.08.2016 (22) 04.02.2016 (54) ONE COMPONENT READY-TO-USE TILE GROUT COMPRISING SILYL- TERMINATED POLYMER, SILICONE RESIN, EMULSIFIER, WATER AND AGGREGATE AND METHOD OF GROUTING | (51) C04B 35/50 C04B 35/505 C04B 35/626 C04B 35/638 C04B 35/645 C09K 11/77 H01J 5/04 H01J 9/24 H01J 61/30 H01S 3/16 (11) EP2716616 (21) EP13187246.7 (47) 23.05.2018 (22) 03.10.2013 (54) Method for Manufacturing a Transparent Sesquioxide Sintered Body (73) Shin-Etsu Chemical Co., Ltd. (72) Ikari, Masanori Nojima, Yoshihiro Makikawa, Shinji |
| (11) EP2681169 (21) EP11781677.7 (47) 23.05.2018 (87) US2011001743 07.09.2012 (22) 12.10.2011 (54) BARRIER LAYERS COMPRISING NI AND TI, COATED ARTICLES INCLUDING BARRIER LAYERS, AND METHODS OF MAKING THE SAME | (73) Wacker Chemie AG (72) MANIA, Daniel J SCHEIM, Uwe | |
| (73) Guardian Glass, LLC (72) BLACKER, Richard FRANK, Marcus IMRAN, Muhammad | (31) 201514617269 (32) 09.02.2015 (33) United States of America | |
| (31) 201113064065 (32) 03.03.2011 (33) United States of America | (51) C04B 35/462 C04B 35/468 C04B 35/475 H01L 41/187 (11) EP3030536 (21) EP14731666.5 (47) 23.05.2018 | |
| (51) C03C 17/36 B32B 17/10 F21K 9/00 E06B 3/673 | | |
| (11) EP2758351 (21) EP12735577.4 (47) 23.05.2018 (87) EP2012064177 28.03.2013 (22) 19.07.2012 | | |

| | | |
|---|--|---------------------------------|
| Ikese, Akio | C01B 33/18 | (51) C07C 21/18 |
| (31) 2012221081 | C05F 11/00 | B01D 3/36 |
| (32) 03.10.2012 | C04B 18/10 | (11) EP3083537 |
| (33) Japan | C04B 28/02 | (21) EP14827806.2 |
| (51) C04B 35/56 | C09K 17/12 | (47) 23.05.2018 |
| C04B 35/565 | B09C 1/08 | (87) FR2014053228 |
| C04B 35/58 | C01B 33/141 | 25.06.2015 |
| C04B 35/80 | C05D 9/00 | (22) 09.12.2014 |
| C04B 35/628 | (11) EP1718566 | (54) AZEOTROPIC COMPOSITIONS OF |
| F01D 5/28 | (21) EP05706237.4 | HYDROGEN FLUORIDE AND Z-3,3,3- |
| F23R 3/00 | (47) 23.05.2018 | TRIFLUORO-1-CHLOROPROPENE |
| F23M 5/00 | (87) AU2005000188 | (73) Arkema France |
| (11) EP3138829 | 25.08.2005 | (72) DEUR-BERT, Dominique |
| (21) EP16185085.4 | (22) 14.02.2005 | PIGAMO, Anne |
| (47) 23.05.2018 | (54) PROCESS FOR PREPARING A SOLUBLE | BONNET, Philippe |
| (22) 22.08.2016 | CRYSTALLINE BIOGENIC SILICA AND | (31) 1362982 |
| (54) TURBINE ENGINE COMPONENT | APPLICATIONS USING THE SAME | (32) 19.12.2013 |
| COMPRISING A CERAMIC MATRIX | (73) Nunn, Garry Robert | (33) France |
| COMPOSITE INCLUDING SILICON | (72) Nunn, Garry Robert | (51) C07C 205/56 |
| CARBIDE FIBERS IN A CERAMIC | (31) 2004900702 | A61K 31/192 |
| MATRIX COMPRISING A MAX PHASE | (32) 13.02.2004 | A61K 31/27 |
| COMPOUND | (33) Australia | A61P 31/18 |
| (73) Rolls-Royce High Temperature Composites | (51) C05F 17/02 | C07C 229/40 |
| Inc | E04F 17/12 | C07C 233/33 |
| (72) Harris, Stephen | (11) EP2772474 | C07C 233/63 |
| Shinavski, Robert | (21) EP14000563.8 | C07C 233/81 |
| (31) 201562211326 P | (47) 23.05.2018 | C07C 255/57 |
| (32) 28.08.2015 | (22) 18.02.2014 | C07C 271/22 |
| (33) United States of America | (54) Vertical composter for home-condominium | C07C 275/42 |
| (51) C04B 35/581 | and use thereof | C07C 311/14 |
| C04B 35/63 | (73) Fiorente, Francesco Paolo | C07C 311/19 |
| C04B 35/638 | (72) Fiorente, Francesco Paolo | C07D 319/18 |
| C04B 35/626 | (31) BA20130018 | C07D 319/20 |
| (11) EP2189432 | (32) 01.03.2013 | C07D 417/12 |
| (21) EP10002627.7 | (33) Italy | (11) EP2772480 |
| (47) 23.05.2018 | (51) C07C 2/58 | (21) EP12844636.6 |
| (22) 18.11.2004 | C07C 5/03 | (47) 23.05.2018 |
| (54) High thermal conductive aluminum nitride | C10M 177/00 | (87) JP2012077544 |
| sintered body | (11) EP2697186 | 02.05.2013 |
| (73) Kabushiki Kaisha Toshiba | (21) EP12706967.2 | (22) 25.10.2012 |
| Toshiba Materials Co., Ltd. | (47) 23.05.2018 | (54) HIV REPLICATION INHIBITOR |
| (72) KOMATSU, Michiyasu | (87) US2012024926 | (73) Shionogi & Co., Ltd. |
| MIYASHITA, Kimiya | 18.10.2012 | (72) IWAKI, Tsutomu |
| (31) 2003392464 | (22) 13.02.2012 | TOMITA, Kenji |
| (32) 21.11.2003 | (54) BASE OILS AND THEIR METHODS OF | (31) 2011233817 |
| (33) Japan | PRODUCTION | 2011263353 |
| (51) C04B 35/584 | (73) Amyris, Inc. | (32) 25.10.2011 |
| F16C 33/32 | (72) OHLER, Nicholas | 01.12.2011 |
| F16C 33/62 | FISHER, Karl | (33) Japan |
| (11) EP2537819 | TIRMIZI, Shakeel | Japan |
| (21) EP11744585.8 | (31) 201161475217 P | (51) C07D 211/06 |
| (47) 23.05.2018 | 201161475221 P | (11) EP3063131 |
| (87) JP2011052910 | 201161482122 P | (21) EP14799285.3 |
| 25.08.2011 | 201161493316 P | (47) 23.05.2018 |
| (22) 10.02.2011 | 201161502252 P | (87) US2014063026 |
| (54) WEAR-RESISTANT MEMBER AND | 201161524143 P | 07.05.2015 |
| METHOD FOR PRODUCING SAME | (32) 13.04.2011 | (22) 30.10.2014 |
| (73) Kabushiki Kaisha Toshiba | 13.04.2011 | (54) METHODS OF MAKING |
| Toshiba Materials Co., Ltd. | 03.05.2011 | POLYMERIZABLE RESINS |
| (72) TAKAO, Minoru | 03.06.2011 | CONTAINING A 1,3,5- |
| (31) 2010031455 | 28.06.2011 | HEXAHYDRO-1,3,5-TRIAZINE MOIETY |
| (32) 16.02.2010 | 16.08.2011 | (73) DENTSPLY SIRONA Inc. |
| (33) Japan | (33) United States of America | (72) JIN, Xiaoming |
| (51) C04B 111/23 | United States of America | (31) 201361897247 P |
| C04B 111/28 | United States of America | (32) 30.10.2013 |
| B09B 3/00 | United States of America | (33) United States of America |
| C01B 33/12 | United States of America | (51) C07D 213/79 |
| C01B 33/14 | United States of America | C07C 47/575 |

- A61K 31/683
A61P 19/02
(11) EP2877185
(21) EP13823863.9
(47) 23.05.2018
(87) US2013052325
30.01.2014
(22) 26.07.2013
(54) 2-(1-(1-(6-((CYCLOHEXYL)OXY)-5-(TRIFLUOROMETHYL)NAPHTHALEN-2-YL)ETHYL)PIPERIDIN-3-YL)ACETIC ACID DERIVATIVES AS AUTOTAXIN (ATX) MODULATORS FOR THE TREATMENT OF INFLAMMATIONS AND AUTOIMMUNE DISORDERS
(73) Biogen MA Inc.
(72) GUCKIAN, Kevin
KUMARAVEL, Gnanasambandam
MA, Bin
MI, Sha
SHAO, Zhaohui
SUN, Lihong
TAVERAS, Arthur
WANG, Deping
XIN, Zhili
ZHANG, Lei
(31) 201261676698 P
(32) 27.07.2012
(33) United States of America
(51) C07D 219/08
C07C 319/18
C07C 323/20
C07C 323/25
C07C 323/41
C07C 329/10
C07D 279/20
C07D 513/04
C10M 135/30
(11) EP2952505
(21) EP14171325.5
(47) 23.05.2018
(22) 05.06.2014
(54) A HINDERED PHENOL COMPOUND, PREPARATION THEREOF AND USE THEREOF AS AN ANTIOXIDANT
(73) China Petroleum & Chemical Corporation
RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC
(72) Su, Shuo
Long, Jun
Duan, Qinghua
Zhou, Han
Wu, Zhiqiang
Li, Xinhua
Zhao, Yi
Zhao, Xiaoguang
(51) C07D 233/64
C07D 213/61
C07D 213/26
A61K 31/4164
A61K 31/44
A61P 35/00
C07D 417/12
C07D 241/12
C12N 9/99
(11) EP2619184
(21) EP11827580.9
(47) 23.05.2018
(87) US2011052866
29.03.2012
(22) 23.09.2011
(54) DEUBIQUITINASE INHIBITORS AND METHODS FOR USE OF THE SAME
(73) The Regents of the University of Michigan
(72) DONATO, Nicholas, J.
WOBUS, Christiane
SHOWALTER, H. D. Hollis
TALPAZ, Moshe
PERRY, Jeffrey, William
SORENSEN, Roderick, Joseph
O'RIORDAN, Mary, Xuan Dziem
JIN, Yafei
(31) 386057 P
(32) 24.09.2010
(33) United States of America
(51) C07D 271/06
C07D 285/08
A61K 31/4245
A61K 31/433
A61P 31/00
A61P 35/00
(11) EP3041828
(21) EP14842822.0
(47) 23.05.2018
(87) IB2014064281
12.03.2015
(22) 05.09.2014
(54) 1,3,4-OXADIAZOLE AND 1,3,4-THIADIAZOLE DERIVATIVES AS IMMUNOMODULATORS
(73) Aurigene Discovery Technologies Limited
(72) SASIKUMAR, Pottayil Govindan Nair
RAMACHANDRA, Muralidhara
NAREMADDEPALLI, Seetharamaiah Setty
Sudarshan
(31) 4012CH2013
(32) 06.09.2013
(33) India
(51) C07D 281/10
A61K 31/554
A61P 3/10
(11) EP3177600
(21) EP15745248.3
(47) 23.05.2018
(87) IB2015055584
11.02.2016
(22) 23.07.2015
(54) SYNTHESIS OF BENZOTHIAZEPINES
(73) GlaxoSmithKline Intellectual Property (No. 2) Limited
(72) GUO, Jiasheng
LIU, Bing
MARTIN, Michael T.
MITCHELL, Mark B.
ZHOU, Xiaoming
(31) 201462033181 P
(32) 05.08.2014
(33) United States of America
(51) C07D 309/20
(11) EP3009430
(21) EP14189422.0
(47) 23.05.2018
(22) 17.10.2014
(54) VINYL TETRAHYDROFURANES
(73) Henkel AG & Co. KGaA
(72) KLANKERMAYER, Jürgen
SCHLEKER, P. Philipp M.
PALKOVITS, Regina
SANDBRINK, Lennart
(51) C07D 313/00
C07H 17/08
A61P 31/04
A61K 31/365
(11) EP3166934
(21) EP15738268.0
(47) 23.05.2018
(87) EP2015001384
14.01.2016
(22) 07.07.2015
(54) NOVEL MACROLIDE ANTIBIOTICS
(73) Helmholtz-Zentrum für Infektionsforschung GmbH
Leibniz-Institut für Naturstoff-Forschung und Infektionsbiologie e.V. -Hans-Knöll-Institut-(HKI)
(72) SURUP, Frank
STEINMETZ, Heinrich
MOHR, Kathrin
VIEHRIG, Konrad
MÜLLER, Rolf
NETT, Markus
SCHIEFERDECKER, Sebastian
DAHSE, Hans-Martin
WOLLING, Michael
KIRSCHNING, Andreas
(31) 14002319
(32) 07.07.2014
(33) European Patent Office (EPO)
(51) C07D 405/06
A61K 31/517
A61P 35/00
(11) EP2680850
(21) EP12754325.4
(47) 23.05.2018
(87) US2012027614
13.09.2012
(22) 02.03.2012
(54) ALKYNE SUBSTITUTED QUINAZOLINE COMPOUND AND METHODS OF USE
(73) Newgen Therapeutics, Inc.
(72) SHEN, Wang
ZHANG, Aimin
MAUNG, Jack
ZHENG, Xiaoling
(31) 201161449088 P
(32) 04.03.2011
(33) United States of America
(51) C07D 413/12
A61K 31/4245
A61P 25/00
(11) EP3137459
(21) EP15721608.6
(47) 23.05.2018
(87) EP2015059002
05.11.2015
(22) 27.04.2015
(54) MORPHOLIN-PYRIDINE DERIVATIVES HAVING AFFINITY TO THE TAAR1 RECEPTOR
(73) F. Hoffmann-La Roche AG
(72) GALLEY, Guido
PFLIEGER, Philippe
NORCROSS, Roger
CECERE, Giuseppe

| | | |
|--|-----------------------------------|--|
| SHEN, Hong | (87) EP2014058545 | (33) World Intellectual Property Office (WIPO) |
| HU, Yimin | 06.11.2014 | (51) C07F 5/02 |
| (31) PCT/CN2014/076623 | (22) 28.04.2014 | G01N 33/68 |
| (32) 30.04.2014 | (54) PURINE DERIVATIVES AS CB2 | C07K 14/47 |
| (33) World Intellectual Property Office (WIPO) | RECEPTOR AGONISTS | C07H 23/00 |
| (51) C07D 417/14 | (73) F.Hoffmann-La Roche AG | C07F 9/6596 |
| C07D 417/12 | (72) BENDELS, Stefanie | (11) EP2384329 |
| C07D 487/04 | GRETHER, Uwe | (21) EP09806180.7 |
| C07D 401/12 | KIMBARA, Atsushi | (47) 23.05.2018 |
| C07D 403/10 | NETTEKOVEN, Matthias | (87) FR2009001486 |
| C07D 405/14 | ROEVER, Stephan | 08.07.2010 |
| C07D 401/14 | ROGERS-EVANS, Mark | (22) 28.12.2009 |
| C07D 409/14 | SCHULZ-GASCH, Tanja | (54) PROCESS FOR THE PREPARATION OF |
| C07D 471/04 | (31) 13166293 | FLUORESCENT BORON-SUBSTITUTED |
| A61K 31/4725 | (32) 02.05.2013 | DIPYRROMETHENES AND USE |
| A61P 31/18 | (33) European Patent Office (EPO) | THEREOF FOR DIAGNOSIS |
| (11) EP3068391 | (51) C07D 498/18 | (73) Centre National de la Recherche Scientifique |
| (21) EP14862387.9 | C07D 498/22 | Université de Strasbourg |
| (47) 23.05.2018 | C07D 513/18 | (72) DE BARRY, Jean |
| (87) US2014064461 | C07D 513/22 | LIEGEOIS, Corinne |
| 21.05.2015 | C07D 471/22 | HAEFELE, Alexandre |
| (22) 07.11.2014 | A61K 31/439 | BURA, Thomas |
| (54) ARYL LINKED IMIDAZOLE AND | A61P 29/00 | ULRICH, Gilles |
| TRIAZOLE DERIVATIVES AND | (11) EP2970334 | ZIESSSEL, Raymond |
| METHODS OF USE THEREOF FOR | (21) EP14717032.8 | (31) 0807473 |
| IMPROVING THE PHARMACOKINETICS | (47) 23.05.2018 | (32) 29.12.2008 |
| OF A DRUG | (87) US2014027722 | (33) France |
| (73) Merck Sharp & Dohme Corp. | 18.09.2014 | (51) C07F 17/00 |
| (72) COBURN, Craig, A. | (22) 14.03.2014 | C08F 10/00 |
| MALETIC, Milana, M. | (54) MACROCYCLIC COMPOUNDS | (11) EP2800753 |
| LUO, Yunfu | AS IRAK4 INHIBITORS FOR THE | (21) EP12805597.7 |
| QI, Zhiqi | TREATMENT OF INFLAMMATORY | (47) 23.05.2018 |
| LI, Chun Sing | DISEASES | (87) EP2012005231 |
| YU, Tingting | (73) Biogen MA Inc. | 27.06.2013 |
| (31) PCT/CN2013/086919 | (72) JENKINS, Tracy | (22) 13.12.2012 |
| (32) 12.11.2013 | VESSELS, Jeffery | (54) PROCESS FOR THE PREPARATION OF |
| (33) World Intellectual Property Office (WIPO) | (31) 201361793617 P | METALLOCENE COMPLEXES |
| (51) C07D 471/04 | (32) 15.03.2013 | (73) SAUDI BASIC INDUSTRIES |
| C07C 51/083 | (33) United States of America | CORPORATION (SABIC) |
| (11) EP3068782 | (51) C07D 519/00 | (72) AL-HUMYDI, Abdulaziz Hamad |
| (21) EP14802788.1 | C07D 491/147 | ABURAQABAH, Atieh |
| (47) 23.05.2018 | A61K 31/519 | GÖRL, Christian |
| (87) US2014065121 | A61P 25/00 | ALT, Helmut |
| 21.05.2015 | A61P 25/16 | (31) 11009973 |
| (22) 12.11.2014 | A61P 25/28 | (32) 19.12.2011 |
| (54) METHODS OF PREPARING INHIBITORS | (11) EP3038466 | (33) European Patent Office (EPO) |
| OF INFLUENZA VIRUSES REPLICATION | (21) EP14840648.1 | (51) C07H 15/24 |
| (73) Vertex Pharmaceuticals Incorporated | (47) 23.05.2018 | A61K 31/704 |
| (72) TANOURY, Gerald, J. | (87) US2014052442 | A61P 37/04 |
| NUGENT, William, Aloysius | 05.03.2015 | (11) EP2280987 |
| DVORNIKOVS, Vadims | (22) 25.08.2014 | (21) EP09731210.2 |
| ROSE, Peter, Jamison | (54) 2,2-DIFLUORODIOXOLO A2A | (47) 23.05.2018 |
| (31) 201361903893 P | RECEPTOR ANTAGONISTS | (87) US2009039954 |
| (32) 13.11.2013 | (73) Merck Sharp & Dohme Corp. | 15.10.2009 |
| (33) United States of America | (72) ALI, Amjad | (22) 08.04.2009 |
| (51) C07D 473/16 | GALLO, Gioconda, V. | (54) TRITERPENE SAPONINS, METHODS OF |
| C07D 473/18 | HENDERSON, Timothy, J. | SYNTHESIS, AND USES THEREOF |
| C07D 473/34 | KUANG, Rongze | (73) Sloan-Kettering Institute for Cancer Research |
| C07D 519/00 | LIM, Yeon-Hee | (72) GIN, David |
| A61K 31/52 | LO, Michael Man-Chu | ADAMS, Michelle |
| A61P 3/00 | METZGER, Edward | DENG, Kai |
| A61P 1/00 | RUIZ, Manuel de Lera | PERL, Nicholas |
| A61P 9/00 | STAMFORD, Andrew | WON, Annie |
| A61P 25/00 | TEMPEST, Paul | LIVINGSTON, Philip |
| A61P 29/00 | WHITEHEAD, Brent | RAGUPATHI, Govind |
| (11) EP2991987 | WU, Heping | (31) 43197 P |
| (21) EP14719767.7 | (31) PCT/CN2013/082560 | (32) 08.04.2008 |
| (47) 23.05.2018 | (32) 29.08.2013 | (33) United States of America |

- | | | |
|--|--|--|
| <p>(51) C07J 63/00 A61K 31/565 A61P 29/00</p> <p>(11) EP2989114 (21) EP14727306.4 (47) 23.05.2018 (87) US2014035279 30.10.2014 (22) 24.04.2014</p> <p>(54) 2,2-DIFLUOROPROPIONAMIDE DERIVATIVES OF BARDOXOLONE METHYL, POLYMORPHIC FORMS AND METHODS OF USE THEREOF</p> <p>(73) AbbVie Inc. (72) SHEIKH, Ahmad Y. MATTEI, Alessandra WANG, Xiu C. (31) 201361815502 P (32) 24.04.2013 (33) United States of America</p> <hr/> <p>(51) C07K 1/00 C07K 17/00 C07K 14/00</p> <p>(11) EP2308889 (21) EP10187879.1 (47) 23.05.2018 (22) 02.06.2004</p> <p>(54) Isoforms of brain natriuretic peptide (73) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH (72) Pan, Shuchong Simari, Robert D. (31) 480460 P (32) 20.06.2003 (33) United States of America</p> <hr/> <p>(51) C07K 5/08 A61K 38/06 A61P 17/00 A61K 8/64</p> <p>(11) EP2382230 (21) EP10704995.9 (47) 23.05.2018 (87) IB2010050190 22.07.2010 (22) 15.01.2010</p> <p>(54) PEPTIDES KXX, COMPOSITIONS LES COMPRENANT ET UTILISATIONS COSMETIQUES ET DERMO- PHARMACEUTIQUES.</p> <p>(73) Sederma (72) FOURNIAL, Arnaud MONDON, Philippe PESCHARD, Olivier (31) 0950249 (32) 16.01.2009 (33) France</p> <hr/> <p>(51) C07K 14/00 C07K 7/00 A61K 38/04 A61K 38/16 A61L 12/14 A61P 31/04</p> <p>(11) EP2892914 (21) EP13834677.0 (47) 23.05.2018 (87) SG2013000390 13.03.2014 (22) 09.09.2013</p> | <p>(54) TETRABRANCHED PEPTIDES AND ANALOGUES AS A NEW CLASS OF ANTIMICROBIALS AND THEIR PREPARATION THEREOF</p> <p>(73) Agency for Science, Technology and Research Singapore Health Services Pte Ltd</p> <p>(72) BEUERMAN, Roger LIU, Shouping RAJAMANI, Lakshminarayanan VERMA, Chandra LI, Jianguo (31) 201206715 (32) 07.09.2012 (33) Singapore</p> <hr/> <p>(51) C07K 14/705 A61K 38/10 A61K 38/08 A61K 38/17</p> <p>(11) EP2629797 (21) EP11835055.2 (47) 23.05.2018 (87) US2011056860 26.04.2012 (22) 19.10.2011</p> <p>(54) PEPTIDES FOR MODULATING T-CELL ACTIVITY AND USES THEREOF</p> <p>(73) The Regents of the University of Colorado, A Body Corporate (72) WAGNER, David (31) 394699 P (32) 19.10.2010 (33) United States of America</p> <hr/> <p>(51) C07K 14/745 C07K 1/18 C12N 9/64</p> <p>(11) EP2970376 (21) EP14709972.5 (47) 23.05.2018 (87) EP2014055120 18.09.2014 (22) 14.03.2014</p> <p>(54) PURIFICATION METHOD FOR VITAMIN K DEPENDENT PROTEINS BY ANION EXCHANGE CHROMATOGRAPHY</p> <p>(73) Baxalta Incorporated Baxalta GmbH (72) MITTERER, Artur HASSLACHER, Meinhard FIEDLER, Christian MITTERGRADNEGGER, Dominik (31) 201361792772 P (32) 15.03.2013 (33) United States of America</p> <hr/> <p>(51) C07K 16/00 (11) EP3144320 (21) EP16194148.9 (47) 23.05.2018 (22) 13.04.2012</p> <p>(54) FC FUSION PROTEINS COMPRISING NOVEL LINKERS OR ARRANGEMENTS</p> <p>(73) Bristol-Myers Squibb Company (72) CAMPHAUSEN, Ray SAEED-KOTHE, Amna DAVIS, Jonathan MITCHELL, Tracy S. (31) 201161475004 P (32) 13.04.2011</p> | <p>(33) United States of America</p> <hr/> <p>(51) C07K 16/24 A61K 39/00</p> <p>(11) EP2842968 (21) EP14184563.6 (47) 23.05.2018 (22) 28.04.2006</p> <p>(54) Humanized anti-IL-6 antibodies, compositions, methods and uses</p> <p>(73) Janssen Biotech, Inc. Applied Molecular Evolution Inc. (72) Chen, Yan Gardner, Debra Knight, David, M. Lark, Michael, W. Liang, Bailin Shealy, David, J. Song, Xiao-Yu, R. Stojanovic-Susulic, Vedrana Sweet, Raymond, W Tam, Susan, H. Wu, Sheng-Jiun Yang, Jing Marquis, David, Matthew Smith, Eric, Michael Vasserot, Alain, Philippe (31) 676498 P 677319 P (32) 29.04.2005 03.05.2005 (33) United States of America United States of America</p> <hr/> <p>(51) C07K 16/28 (11) EP2895513 (21) EP13766833.1 (47) 23.05.2018 (87) US2013059481 20.03.2014 (22) 12.09.2013</p> <p>(54) FC CONTAINING POLYPEPTIDES WITH ALTERED GLYCOSYLATION AND REDUCED EFFECTOR FUNCTION</p> <p>(73) Genzyme Corporation (72) PAN, Clark QIU, Huawei (31) PCT/EP2012/003819 201361776715 P (32) 12.09.2012 11.03.2013 (33) World Intellectual Property Office (WIPO) United States of America</p> <hr/> <p>(51) C07K 16/28 A61K 39/395 A61P 35/00 C07K 16/00</p> <p>(11) EP2943510 (21) EP14701430.2 (47) 23.05.2018 (87) IB2014058098 17.07.2014 (22) 07.01.2014</p> <p>(54) NEW ANTIBODY FRAGMENTS, COMPOSITIONS AND USES THEREOF</p> <p>(73) Metis Precision Medicine SB S.r.l. (72) VIGNA, Elisa MICHIELI, Paolo COMOGLIO, Paolo Maria (31) TO20130012</p> |
|--|--|--|

| | | |
|-------------------------------------|---|---|
| (32) 09.01.2013 | (54) OXIDATION OF STARCH | (51) C08F 8/36 |
| (33) Italy | (73) Coöperatie Avebe U.A. | C08F 8/30 |
| (51) C07K 16/30 | (72) Vrieling-Smit, Annet | C08F 8/02 |
| C12N 15/85 | Wielema, Thomas Albert | C08F 8/40 |
| C12N 5/10 | Beugeling, John | C08F 212/08 |
| G01N 33/574 | (51) C08B 37/04 | C08F 212/36 |
| A61K 39/395 | A61K 31/734 | C02F 1/28 |
| A61P 35/00 | A61K 31/737 | C01B 33/023 |
| (11) EP2390269 | A61P 35/00 | B01J 49/50 |
| (21) EP10180738.6 | A61P 35/04 | B01J 45/00 |
| (47) 23.05.2018 | (11) EP3018147 | B01D 15/00 |
| (22) 15.03.2004 | (21) EP14819337.8 | (11) EP3183275 |
| (54) NEOPLASM SPECIFIC ANTIBODIES | (47) 23.05.2018 | (21) EP15760385.3 |
| AND USES THEREOF | (87) CN2014081472 | (47) 23.05.2018 |
| (73) Patrys Limited | 08.01.2015 | (87) EP2015068827 |
| (72) Mueller-Hermelink, Hans-Konrad | (22) 02.07.2014 | 25.02.2016 |
| Vollmers, Heinz Peter | (54) SULFATED POLYGULONIC | (22) 17.08.2015 |
| (31) 10311248 | ACID POLYSACCHARIDE OR | (54) SULPHONATED, AMINOMETHYLATED |
| (32) 14.03.2003 | PHARMACEUTICAL SALT THEREOF, | CHELATE RESINS |
| (33) Germany | PREPARATION METHOD THEREFOR | (73) Lanxess Deutschland GmbH |
| (51) C07K 19/00 | AND USE THEREOF | (72) KLIPPER, Reinhold |
| C12N 15/62 | (73) Shanghai Institute Of Materia Medica | NEUFEIND, Stefan |
| C12Q 1/68 | Chinese Academy of Sciences | (31) 14181606 |
| A61P 35/00 | (72) DING, Jian | (32) 20.08.2014 |
| (11) EP2894169 | AI, Jing | (33) European Patent Office (EPO) |
| (21) EP13836076.3 | CHEN, Yi | (51) C08F 10/00 |
| (47) 23.05.2018 | HUANG, Xun | B01J 37/00 |
| (87) KR2013008075 | (31) 201310275323 | (11) EP2699605 |
| 13.03.2014 | (32) 02.07.2013 | (21) EP12714009.3 |
| (22) 06.09.2013 | (33) China | (47) 23.05.2018 |
| (54) FUSION PROTEIN COMPRISING AXL | (51) C08F 2/00 | (87) EP2012056843 |
| AND COMPOSITION FOR TREATING | C08L 23/12 | 26.10.2012 |
| CANCER COMPRISING SAME | (11) EP3115379 | (22) 13.04.2012 |
| (73) Macrogen, Inc. | (21) EP15175779.6 | (54) MAGNESIUM DICHLORIDE- |
| (72) SEO, Jeong-Sun | (47) 23.05.2018 | ALCOHOL ADDUCTS AND |
| KIM, Young-Tae | (22) 08.07.2015 | CATALYST COMPONENTS OBTAINED |
| JU, Young-Seok | (54) HETEROPHASIC POLYPROPYLENE | THEREFROM |
| KIM, Eun-Hee | WITH IMPROVED POWDER | (73) Basell Poliolefine Italia S.r.l. |
| KANG, Jin-Hyoung | FLOWABILITY, REDUCED EMISSIONS | (72) GADDI, Benedetta |
| (31) 20120099616 | AND LOW SHRINKAGE | EVANGELISTI, Daniele |
| (32) 07.09.2012 | (73) Borealis AG | COLLINA, Gianni |
| (33) Korea (Republic) | (72) Wang, Jingbo | (31) 11162836 |
| (51) C08B 31/00 | Gahleitner, Markus | 201161476888 P |
| C08B 31/06 | Friedrich, Karlheinz | (32) 18.04.2011 |
| A23L 29/219 | Shutov, Pavel | 19.04.2011 |
| (11) EP2135882 | (51) C08F 2/01 | (33) European Patent Office (EPO) |
| (21) EP09007314.9 | C08F 6/06 | United States of America |
| (47) 23.05.2018 | C08F 6/10 | (51) C08F 10/00 |
| (22) 02.06.2009 | B01J 8/00 | C08F 2/01 |
| (54) Low swelling starch | (11) EP3074428 | C08F 2/34 |
| (73) CORN Products Development Inc. | (21) EP14815523.7 | (11) EP3074434 |
| (72) Yildiz, Erhan | (47) 23.05.2018 | (21) EP14803091.9 |
| Trksak, Ralph | (87) US2014067461 | (47) 23.05.2018 |
| Yang, Yi | 04.06.2015 | (87) EP2014075412 |
| Pagaoa, Ron | (22) 25.11.2014 | 04.06.2015 |
| (31) 73203 P | (54) PROCESS AND APPARATUS TO | (22) 24.11.2014 |
| 468619 | DETERMINE THE DEGREE OF | (54) MULTI-ZONE REACTOR FOR |
| (32) 17.06.2008 | SEPARATION OF TWO SOLUTION | CONTINUOUS POLYMERIZATION OF |
| 19.05.2009 | STREAMS | ALPHA OLEFIN MONOMERS |
| (33) United States of America | (73) Dow Global Technologies LLC | (73) Saudi Basic Industries Corporation |
| United States of America | (72) WANG, Alec Y. | SABIC Global Technologies B.V. |
| (51) C08B 31/18 | HYPOLITE, Curvel | (72) BANAT, Yahya |
| C09J 103/10 | RUBALCABA, Jorge | CEVALLOS-CANDAU, Jose Fernando |
| C08L 3/10 | ZOGG, Michael J. Jr. | (31) 13195141 |
| (11) EP3205673 | GUZMAN, Job D. | 201461929597 P |
| (21) EP16155483.7 | (31) 201361909442 P | (32) 29.11.2013 |
| (47) 23.05.2018 | (32) 27.11.2013 | 21.01.2014 |
| (22) 12.02.2016 | (33) United States of America | (33) European Patent Office (EPO) |

| | | |
|---|---|--|
| United States of America | C08F 2/44 | (31) 201461984940 P |
| (51) C08F 10/00 | C08J 3/24 | (32) 28.04.2014 |
| C08F 2/01 | (11) EP2536771 | (33) United States of America |
| C08F 2/34 | (21) EP11701060.3 | (51) C08F 265/10 |
| (11) EP3074433 | (47) 23.05.2018 | (11) EP2935378 |
| (21) EP14802439.1 | (87) EP2011050570 | (21) EP13803178.6 |
| (47) 23.05.2018 | 25.08.2011 | (47) 23.05.2018 |
| (87) EP2014075411 | (22) 18.01.2011 | (87) FR2013052855 |
| 04.06.2015 | (54) PROCESS FOR RECYCLING POLYMER | 26.06.2014 |
| (22) 24.11.2014 | FINES | (22) 26.11.2013 |
| (54) PROCESS FOR CONTINUOUS | (73) Evonik Degussa GmbH | (54) NOVEL METHOD FOR PREPARING |
| POLYMERIZATION OF OLEFIN | (72) RUDOLPH, Henry | HEAT-THICKENING POLYMERS |
| MONOMERS IN A REACTOR | HOEFGES, Thomas | (73) Societe D'Exploitation De Produits Pour Les |
| (73) Saudi Basic Industries Corporation | VAN STIPHOUTD, Manfred | Industries Chimiques Seppic |
| SABIC Global Technologies B.V. | HARREN, Jörg | (72) MALLO, Paul |
| (72) BANAT, Yahya | WATTEBLED, Laurent | BRAUN, Olivier |
| CEVALLOS-CANDAU, Jose Fernando | FURNO, Franck | (31) 1262528 |
| (31) 13195140 | SOPPE, Frank | (32) 21.12.2012 |
| 201461929599 P | (31) 102010008163 | (33) France |
| (32) 29.11.2013 | (32) 16.02.2010 | (51) C08G 18/02 |
| 21.01.2014 | (33) Germany | C08G 18/09 |
| (33) European Patent Office (EPO) | (51) C08F 220/18 | C08G 18/40 |
| United States of America | (11) EP2396355 | C08G 18/79 |
| (51) C08F 12/26 | (21) EP10703787.1 | C09D 175/04 |
| C08F 12/30 | (47) 23.05.2018 | C08G 18/78 |
| C08F 220/38 | (87) US2010023946 | (11) EP3190132 |
| C08F 2/38 | 19.08.2010 | (21) EP15838067.5 |
| C08F 20/38 | (22) 11.02.2010 | (47) 23.05.2018 |
| C08G 83/00 | (54) COPOLYMERS FOR INTRAOCULAR | (87) JP2015075230 |
| (11) EP2202248 | LENS SYSTEMS | 10.03.2016 |
| (21) EP08830386.2 | (73) Visiogen, Inc. | (22) 04.09.2015 |
| (47) 23.05.2018 | (72) LIAO, Xiugao | (54) POLYISOCYANATE COMPOSITION, |
| (87) JP2008066436 | (31) 152496 P | COATING COMPOSITION, |
| 19.03.2009 | 574498 | COATING FILM AND METHOD FOR |
| (22) 11.09.2008 | (32) 13.02.2009 | PRODUCING SAME, AND HUMIDITY |
| (54) METHOD FOR PRODUCING | 06.10.2009 | STABILIZATION METHOD |
| HYPERBRANCHED POLYMER | (33) United States of America | (73) ASAHI KASEI KABUSHIKI KAISHA |
| (73) Nissan Chemical Industries, Ltd. | United States of America | (72) YAMAUCHI, Masakazu |
| (72) TANAKA, Akihiro | (51) C08F 220/18 | KATAGAWA, Hironori |
| HATAYAMA, Satoru | A61B 1/005 | (31) 2014179998 |
| (31) 2007237306 | C08G 18/62 | (32) 04.09.2014 |
| 2007327417 | C09D 133/06 | (33) Japan |
| (32) 12.09.2007 | C09D 175/04 | (51) C08G 18/08 |
| 19.12.2007 | (11) EP2896635 | C08G 18/12 |
| (33) Japan | (21) EP14197419.6 | C08G 18/32 |
| Japan | (47) 23.05.2018 | C08G 18/48 |
| (51) C08F 210/18 | (22) 11.12.2014 | C08G 18/66 |
| C08F 6/10 | (54) Flexible tube, endoscopic medical apparatus, | C08G 18/42 |
| C08F 4/6592 | and resin composition for top coat layer | C08G 18/72 |
| C08F 2/00 | (73) Fujifilm Corporation | A61K 8/04 |
| C08F 6/00 | (72) Watanabe, Joji | A61Q 5/06 |
| (11) EP3000832 | (31) 2014007308 | (11) EP2274352 |
| (21) EP13886690.0 | (32) 17.01.2014 | (21) EP09733829.7 |
| (47) 23.05.2018 | (33) Japan | (47) 23.05.2018 |
| (87) KR2013009158 | (51) C08F 265/06 | (87) EP2009054874 |
| 18.12.2014 | C09J 151/00 | 29.10.2009 |
| (22) 14.10.2013 | (11) EP3137523 | (22) 23.04.2009 |
| (54) METHOD FOR PREPARING ELASTIC | (21) EP15720518.8 | (54) AQUEOUS DISPERSIONS OF CATIONIC |
| TERPOLYMER | (47) 23.05.2018 | FILM-FORMING POLYURETHANES |
| (73) LG Chem, Ltd. | (87) US2015026271 | (73) Lamberti Spa |
| (72) KO, Jun-Seok | 05.11.2015 | (72) ALANZO, Vito |
| YOON, Sung-Cheol | (22) 17.04.2015 | COSTA, Gabriele |
| PARK, Sung-Ho | (54) PHYSICALLY CROSSLINKABLE | CONTI, Dario |
| CHOI, Soo-Young | ADHESIVE COPOLYMER | LI BASSI, Giuseppe |
| (31) 20130066091 | (73) 3M Innovative Properties Company | (31) VA20080025 |
| (32) 10.06.2013 | (72) LEE, Hae-Seung | (32) 24.04.2008 |
| (33) Korea (Republic) | GRYSKA, Stefan H. | (33) Italy |
| (51) C08F 220/06 | GADDAM, Babu N. | (51) C08G 18/10 |

| | | |
|---|-------------------------------------|-----------------------------------|
| C08G 18/12 | (54) TWO-COMPONENT STRUCTURAL | (21) EP10768045.6 |
| C08G 18/40 | ADHESIVE WHICH IS IMPACT | (47) 23.05.2018 |
| C08G 18/76 | RESISTANT AT ROOM TEMPERATURE | (87) GB2010001859 |
| C08J 9/14 | (73) Sika Technology AG | 05.05.2011 |
| (11) EP2596036 | (72) FRICK, Karsten | (22) 04.10.2010 |
| (21) EP11730936.9 | FINTER, Jürgen | (54) TREATMENT OF HARD SURFACES |
| (47) 23.05.2018 | KRAMER, Andreas | (73) Croda International PLC |
| (87) EP2011060877 | GERBER, Ulrich | (72) WAITE, Alan Geoffrey |
| 26.01.2012 | (31) 10155205 | BLEASE, Trevor Graham |
| (22) 29.06.2011 | (32) 02.03.2010 | ROBINS, Sean Alexander |
| (54) ADHESIVE LOW-MONOMER PU FOAM | (33) European Patent Office (EPO) | (31) 0919097 |
| (73) Henkel AG & Co. KGaA | (51) C08G 63/199 | (32) 30.10.2009 |
| (72) FRANKEN, Uwe | C09D 167/02 | (33) United Kingdom |
| KREBS, Michael | (11) EP2847288 | (51) C08G 73/14 |
| LOHR, Christoph | (21) EP13720651.2 | C08L 79/08 |
| SEBESTIAN, Milan | (47) 23.05.2018 | C08G 73/10 |
| KOLENDA, Felicitas | (87) US2013037132 | (11) EP2708569 |
| (31) 102010038355 | 14.11.2013 | (21) EP13164834.7 |
| (32) 23.07.2010 | (22) 18.04.2013 | (47) 23.05.2018 |
| (33) Germany | (54) A POLYESTER COMPOSITION AND | (22) 23.04.2013 |
| (51) C08G 18/38 | METHOD OF PRODUCING THE SAME | (54) TRANSPARENT POLYAMIDE-IMIDES |
| C08G 18/75 | (73) Dow Global Technologies LLC | (73) EMS-PATENT AG |
| G02B 1/04 | Eastman Chemical Company | (72) Hoffmann, Botho |
| C08G 18/24 | (72) ARGYROPOULOS, John N. | Scherrer, Luc |
| C08G 75/00 | SPILMAN, Gary E. | Hoff, Heinz |
| (11) EP2445947 | STANTS, Cynthia | (31) 12183987 |
| (21) EP10791043.2 | KAINZ, Bernhard | (32) 12.09.2012 |
| (47) 23.05.2018 | (31) 201261644764 P | (33) European Patent Office (EPO) |
| (87) AU2010000739 | (32) 09.05.2012 | (51) C08G 73/18 |
| 29.12.2010 | (33) United States of America | H01M 4/86 |
| (22) 16.06.2010 | (51) C08G 64/22 | (11) EP3131951 |
| (54) THIOURETHANE-BASED LENS | (11) EP3201254 | (21) EP15780051.7 |
| ELEMENTS AND PROCESSES FOR | (21) EP15798212.5 | (47) 23.05.2018 |
| THEIR PRODUCTION | (47) 23.05.2018 | (87) CA2015000248 |
| (73) Carl Zeiss Vision Australia Holdings Limited | (87) IB2015058409 | 22.10.2015 |
| (72) CHEN, Fang | 02.06.2016 | (22) 15.04.2015 |
| (31) 2009902890 | (22) 30.10.2015 | (54) HYDROXIDE-STABLE IONENES |
| (32) 23.06.2009 | (54) FILTER ALIGNMENT IN A | (73) Simon Fraser University |
| (33) Australia | POLYCARBONATE PRODUCTION | (72) HOLDCROFT, Steven |
| (51) C08G 18/38 | PROCESS | WRIGHT, Andrew |
| C08G 101/00 | (73) SABIC Global Technologies B.V. | (31) 201461979989 P |
| C08G 18/16 | (72) FERNANDEZ, Ignacio Vic | (32) 15.04.2014 |
| C08J 9/14 | HOLLAR JR., William E. | (33) United States of America |
| (11) EP2511315 | OWENS III, Donald E. | (51) C08G 77/00 |
| (21) EP12160503.4 | (31) 14382472 | C08G 77/06 |
| (47) 23.05.2018 | (32) 25.11.2014 | C08K 5/00 |
| (22) 21.03.2012 | (33) European Patent Office (EPO) | C08K 5/54 |
| (54) Compound containing special amides and | (51) C08G 71/04 | C08L 83/00 |
| organomodified siloxanes, suitable for | (11) EP3118240 | C08L 83/04 |
| producing polyurethane foams | (21) EP15460081.1 | C08L 83/06 |
| (73) Evonik Degussa GmbH | (47) 23.05.2018 | C08L 83/08 |
| (72) Glos, Martin | (22) 24.09.2015 | (11) EP2225310 |
| Schiller, Carsten | (54) METHOD OF PREPARATION | (21) EP07868078.2 |
| Eilbracht, Christian | OF NON-ISOCYANATE | (47) 23.05.2018 |
| (31) 102011007479 | POLYHYDROXYURETHANES | (87) US2007026400 |
| (32) 15.04.2011 | AND METHOD OF PREPARATION | 09.07.2009 |
| (33) Germany | NON-ISOCYANATE | (22) 28.12.2007 |
| (51) C08G 59/54 | POLYHYDROXYURETHANE-EPOXIDES | (54) ROOM TEMPERATURE |
| C08L 63/00 | (73) Politechnika Gdanska | VULCANIZABLE POLYMERS |
| C09J 163/00 | (72) Wloch, Marcin | (73) Nitrochemie Aschau GmbH |
| C08L 19/00 | Datta, Janusz | (72) KNEPPER, Jeff, A. |
| C08L 75/00 | (31) 41311815 | ASIRVATHAM, Edward |
| (11) EP2542637 | (32) 14.07.2015 | CHINNAPPAN, Krishnamoorthi |
| (21) EP11705591.3 | (33) Poland | WU, Baihua |
| (47) 23.05.2018 | (51) C08G 73/02 | (51) C08G 77/18 |
| (87) EP2011052972 | C11D 3/37 | C08L 83/04 |
| 09.09.2011 | C08G 73/04 | C08K 5/549 |
| (22) 01.03.2011 | (11) EP2493959 | C08K 5/544 |

| | | |
|--|--------------------------------------|--|
| C08K 5/5419 | (22) 19.09.2013 | (22) 01.12.2015 |
| (11) EP2768885 | (54) PRODUCTION OF BLEND | (54) CONTAINER FOR VISCOUS LIQUIDS |
| (21) EP12784751.5 | OF POLYOLEFIN AND | INTERNALLY COATED WITH OIL WITH |
| (47) 23.05.2018 | ORGANOPOLYSILOXANE | EMULSIFIER |
| (87) JP2012076877 | (73) Multibase SA | (73) Unilever NV |
| 25.04.2013 | Dow Corning Corporation | (72) BELTMAN, Robert |
| (22) 11.10.2012 | Multibase Inc. | NEDIYEDATH, Suresh, Kumar |
| (54) MULTI-COMPONENT ROOM- | (72) HABIMANA, Jean De La Croix | RESZKA, Aleksander, Arie |
| TEMPERATURE-CURABLE SILICONE | HAYS, Ted | ZWART, Pieter |
| ELASTOMER COMPOSITION | PRELE, Patrick | (31) 14199777 |
| (73) Dow Corning Toray Co., Ltd. | (31) 12306135 | (32) 22.12.2014 |
| (72) OTA, Kenji | (32) 19.09.2012 | (33) European Patent Office (EPO) |
| ADACHI, Hiroshi | (33) European Patent Office (EPO) | (51) C08J 9/04 |
| (31) 2011230691 | (51) C08J 5/18 | (11) EP2797995 |
| (32) 20.10.2011 | B32B 27/20 | (21) EP12862289.1 |
| (33) Japan | C08L 23/06 | (47) 23.05.2018 |
| (51) C08J 3/12 | (11) EP2984126 | (87) US2012071898 |
| C08J 3/20 | (21) EP14723634.3 | 04.07.2013 |
| G03G 9/08 | (47) 23.05.2018 | (22) 28.12.2012 |
| (11) EP1961783 | (87) US2014033411 | (54) FOAM, COMPOSITION, AND METHOD |
| (21) EP08101947.3 | 16.10.2014 | (73) CertainTeed Corporation |
| (47) 23.05.2018 | (22) 09.04.2014 | (72) PETROVIC, Zoran S. |
| (22) 25.02.2008 | (54) FILMS WITH IMPROVED DART IMPACT | JAVNI, Ivan, J. |
| (54) METHOD FOR PRODUCING RESINOUS | RESISTANCE | IONESCU, Mihail |
| PARTICLES | (73) Dow Global Technologies LLC | CVETKOVIC, Ivana |
| (73) Ricoh Company, Ltd. | (72) BAFNA, Ayush A. | ZLATANIC, Alisa |
| (72) Kinoshita, Naotoshi | (31) 201313859776 | BILIC, Nikola |
| Tanaka, Tetsuya | (32) 10.04.2013 | SONG, Kwangjin |
| Kawamoto, Masahiro | (33) United States of America | HONG, DooPyo |
| (31) 2007045691 | (51) C08J 5/18 | BOZEK, John, J. |
| (32) 26.02.2007 | C07D 409/14 | TOAS, Murray, S. |
| (33) Japan | C07D 413/14 | (31) 201161581595 P |
| (51) C08J 3/12 | C07D 417/14 | (32) 29.12.2011 |
| C08J 9/32 | C08K 5/46 | (33) United States of America |
| C09K 3/00 | C08L 101/00 | (51) C08J 9/32 |
| (11) EP2330144 | C09K 3/00 | C08K 7/18 |
| (21) EP11157634.4 | C08K 5/357 | C08K 7/24 |
| (47) 23.05.2018 | C08K 5/45 | (11) EP2129716 |
| (22) 15.11.2004 | C09K 15/30 | (21) EP08717114.6 |
| (54) Thermally expanded microsphere, process for | (11) EP2270076 | (47) 23.05.2018 |
| producing the same, thermally expandible | (21) EP09727779.2 | (87) EP2008052280 |
| microsphere and use thereof | (47) 23.05.2018 | 31.07.2008 |
| (73) MATSUMOTO YUSHI-SEIYAKU CO., | (87) JP2009055814 | (22) 26.02.2008 |
| LTD. | 08.10.2009 | (54) THERMOPLASTIC COMPOSITIONS |
| (72) Masuda, Toshiaki | (22) 24.03.2009 | CONTAINING MICROSPHERES |
| Fujie, Takashi | (54) RESIN MOLDED PRODUCT AND | (73) Solvay Specialty Polymers USA, LLC. |
| Takahara, Ichiro | POLYMER FILM | (72) WEINBERG, Shari |
| Yosejima, Ikuo | (73) FUJIFILM Corporation | MALJKOVIC, Nikica |
| Miki, Katsushi | (72) AMASAKI, Ichiro | (31) 892043 P |
| (31) 2003428337 | KIMURA, Keizo | (32) 28.02.2007 |
| 2003431301 | TAKESHIMA, Youichiro | (33) United States of America |
| 2004274187 | (31) 2008088954 | (51) C08K 3/00 |
| (32) 19.11.2003 | 2008284545 | (11) EP2678382 |
| 20.11.2003 | 2009026031 | (21) EP12709182.5 |
| 24.08.2004 | (32) 30.03.2008 | (47) 23.05.2018 |
| (33) Japan | 05.11.2008 | (87) IB2012050854 |
| Japan | 06.02.2009 | 30.08.2012 |
| Japan | (33) Japan | (22) 24.02.2012 |
| (51) C08J 3/20 | Japan | (54) THERMALLY CONDUCTIVE AND |
| C08J 3/205 | Japan | ELECTRICALLY INSULATIVE |
| C08J 3/22 | (51) C08J 7/04 | POLYMER COMPOSITIONS |
| C08K 5/00 | B65D 23/02 | CONTAINING A THERMALLY |
| C08L 23/12 | B65D 25/14 | INSULATIVE FILLER AND USES |
| (11) EP2898002 | (11) EP3237506 | THEREOF |
| (21) EP13766015.5 | (21) EP15804400.8 | (73) SABIC Global Technologies B.V. |
| (47) 23.05.2018 | (47) 23.05.2018 | (72) I'ABEE, Roy |
| (87) EP2013069482 | (87) EP2015078211 | MERCX, Franciscus, Petrus, Maria |
| 27.03.2014 | 30.06.2016 | VAN DER MEE, Mark |

| | | |
|--|---------------------------------------|---------------------------------------|
| KARLIK, Dennis | (51) C08K 5/057 | (47) 23.05.2018 |
| GUO, Mingcheng | C08K 5/098 | (87) EP2015059241 |
| ZOU, Xiangping (David) | C08L 21/00 | 03.12.2015 |
| (31) 201161446665 P | C08K 7/06 | (22) 28.04.2015 |
| (32) 25.02.2011 | (11) EP1871830 | (54) PROPYLENE-BASED COPOLYMER |
| (33) United States of America | (21) EP06735218.7 | COMPOSITION FOR PIPES |
| (51) C08K 5/00 | (47) 23.05.2018 | (73) Basell Poliolefine Italia S.r.l. |
| C07F 9/30 | (87) US2006005458 | (72) GALVAN, Monica |
| C08K 5/101 | 12.10.2006 | TISI, Francesca |
| C09K 21/12 | (22) 15.02.2006 | PELLEGATTI, Giampaolo |
| C08K 5/5313 | (54) METAL-ELASTOMER COMPOUND | BOLOGNESI, Sandro |
| C08L 1/10 | (73) Gates Corporation | NEUMANN, Andreas |
| C08L 1/12 | (72) HODJAT, Yahya | (31) 14170326 |
| C08L 1/14 | FENG, Yuding | 15160704 |
| C08K 5/5398 | (31) 94009 | (32) 28.05.2014 |
| (11) EP3064540 | (32) 30.03.2005 | 25.03.2015 |
| (21) EP16155615.4 | (33) United States of America | (33) European Patent Office (EPO) |
| (47) 23.05.2018 | (51) C08K 5/38 | European Patent Office (EPO) |
| (22) 15.02.2016 | C08F 2/38 | (51) C08L 23/14 |
| (54) FLAME RETARDANT CELLULOSE- ESTER PREPARATIONS | C08F 2/48 | C08L 23/16 |
| (73) LANXESS Deutschland GmbH | A61K 6/083 | (11) EP3149083 |
| (72) HANSEL, Jan-Gerd | (11) EP3046962 | (21) EP15717934.2 |
| TEBBE, Heiko | (21) EP14767243.0 | (47) 23.05.2018 |
| MAUERER, Otto | (47) 23.05.2018 | (87) EP2015059239 |
| (31) 15157773 | (87) US2014054190 | 03.12.2015 |
| (32) 05.03.2015 | 26.03.2015 | (22) 28.04.2015 |
| (33) European Patent Office (EPO) | (22) 05.09.2014 | (54) PROPYLENE-BASED POLYMER |
| (51) C08K 5/00 | (54) TRITHIOCARBONATE-CONTAINING | COMPOSITION |
| C08K 5/10 | ADDITION-FRAGMENTATION AGENTS | (73) Basell Poliolefine Italia S.r.l. |
| C11C 3/04 | (73) 3M Innovative Properties Company | (72) MASSARI, Paola |
| (11) EP2585522 | (72) FORNOF, Ann R. | CIARAFONI, Marco |
| (21) EP11730492.3 | MOSER, William H. | CAPUTO, Tiziana |
| (47) 23.05.2018 | ABUELYAMAN, Ahmed S. | MARTINI, Nicoletta |
| (87) US2011041557 | JOLY, Guy D. | (31) 14170323 |
| 29.12.2011 | KREPSKI, Larry R. | (32) 28.05.2014 |
| (22) 23.06.2011 | (31) 201361880348 P | (33) European Patent Office (EPO) |
| (54) PURIFIED ACETYLATED DERIVATIVES OF CASTOR OIL AND COMPOSITIONS INCLUDING SAME | (32) 20.09.2013 | (51) C08L 27/06 |
| (73) Dow Global Technologies LLC | (33) United States of America | C08L 25/12 |
| (72) CHAUDHARY, Bharat, I. | (51) C08K 9/04 | C08L 33/06 |
| SCZEKALLA, Beate | C08K 9/06 | C08L 67/04 |
| GHOSH-DASTIDAR, Abhijit | C09C 3/08 | (11) EP3031855 |
| CHENG, Yang | C09C 3/12 | (21) EP14834158.9 |
| TATAKE, Prashant | (11) EP1362078 | (47) 23.05.2018 |
| COLLINS, Raymond, M. | (21) EP02705021.0 | (87) JP2014070773 |
| (31) 821556 | (47) 23.05.2018 | 12.02.2015 |
| (32) 23.06.2010 | (87) IB2002000900 | (22) 06.08.2014 |
| (33) United States of America | 18.07.2002 | (54) SOFT THERMOPLASTIC RESIN |
| (51) C08K 5/00 | (22) 10.01.2002 | COMPOSITION |
| C08L 27/06 | (54) METHOD FOR TREATING A | (73) Kaneka Corporation |
| C08L 33/06 | MINERAL FILLER WITH A | (72) MATSUOKA Yoshiaki |
| (11) EP2814878 | POLYDIALKYL-SILOXANE AND | (31) 2013163574 |
| (21) EP13748539.7 | A FATTY ACID, RESULTING | (32) 06.08.2013 |
| (47) 23.05.2018 | HYDROPHOBIC FILLERS AND | (33) Japan |
| (87) US2013026049 | USES THEREOF IN POLYMERS FOR | (51) C08L 27/06 |
| 22.08.2013 | BREATHABLE FILMS | E06B 1/26 |
| (22) 14.02.2013 | (73) Omya International AG | C08K 13/02 |
| (54) MONOBENZOATE USEFUL AS A PLASTICIZER IN PLASTISOL COMPOSITIONS | (72) HOPPLER, Hans, Ulrich | C08L 71/02 |
| (73) Emerald Kalama Chemical, LLC | OCHSNER, Edwin | C08K 5/098 |
| (72) ARENDT, William D. | FREY, Daniel | C08K 5/00 |
| MCBRIDE, Emily | (31) 0100365 | C08K 3/26 |
| (31) 201261598372 P | (32) 12.01.2001 | (11) EP2676997 |
| (32) 14.02.2012 | (33) France | (21) EP11858881.3 |
| (33) United States of America | (51) C08L 23/14 | (47) 23.05.2018 |
| | C08L 23/12 | (87) JP2011080422 |
| | C08L 23/16 | 23.08.2012 |
| | F16L 9/12 | (22) 28.12.2011 |
| | (11) EP3149082 | (54) VINYL CHLORIDE RESIN |
| | (21) EP15717935.9 | COMPOSITION |

| | | |
|-----------------------------------|--|-------------------------------------|
| (73) Adeka Corporation | LAMINATED PLATE, AND PRINTED | YOSHITANI, Hiroshi |
| (72) SENGOKU, Tadashi | WIRING BOARD | (31) 2012186463 |
| KAJIWARA, Kenji | (73) Mitsubishi Gas Chemical Company, Inc. | (32) 27.08.2012 |
| HARADA, Yohei | (72) UENO, Yoshitaka | (33) Japan |
| MIZU, Masumi | KUDO, Masataka | (51) C09B 67/08 |
| (31) 2011031084 | YAGINUMA, Michio | C09D 11/00 |
| (32) 16.02.2011 | (31) 2014043504 | G07D 7/12 |
| (33) Japan | (32) 06.03.2014 | G02F 1/23 |
| (51) C08L 33/12 | (33) Japan | B42D 15/00 |
| (11) EP3197953 | (51) C08L 77/00 | (11) EP2327744 |
| (21) EP15763601.0 | C08J 9/04 | (21) EP10188176.1 |
| (47) 23.05.2018 | C08K 3/00 | (47) 23.05.2018 |
| (87) EP2015071216 | C08L 25/08 | (22) 22.06.2006 |
| 31.03.2016 | F02F 7/00 | (54) SYSTEMS AND METHODS FOR |
| (22) 16.09.2015 | (11) EP2636703 | CREATING VARIABLE OPTICAL |
| (54) IMPACT-RESISTANT MOULDING | (21) EP11838042.7 | EFFECTS ON MEDIA |
| MATERIAL WITH IMPROVED | (47) 23.05.2018 | (73) 3DTL, Inc. |
| CHARACTERISTIC PROFILE | (87) JP2011075224 | (72) DOWNING, Elizabeth, Anne |
| (73) Evonik Röhm GmbH | 10.05.2012 | (31) 173620 |
| (72) DÖSSEL, Lukas Friedrich | (22) 01.11.2011 | (32) 01.07.2005 |
| MÜLLER, Reiner | (54) EXPANDED POLYAMIDE RESIN | (33) United States of America |
| HÖSS, Werner | MOULDING AND AUTOMOTIVE RESIN | (51) C09C 1/30 |
| KLITSCH, Julian | MOULDING | C09C 1/36 |
| (31) 14186197 | (73) Toyobo Co., Ltd. | C09C 3/12 |
| (32) 24.09.2014 | (72) NAKAGAWA, Tomohide | C08K 9/06 |
| (33) European Patent Office (EPO) | OHASHI, Tadamine | (11) EP2802627 |
| (51) C08L 53/02 | FUJII, Yasuto | (21) EP12812934.3 |
| C08F 297/04 | TANGE, Akio | (47) 23.05.2018 |
| C08J 3/12 | (31) 2010245688 | (87) EP2012075927 |
| C08J 5/00 | 2010245687 | 18.07.2013 |
| C08L 23/06 | (32) 01.11.2010 | (22) 18.12.2012 |
| C08L 23/12 | 01.11.2010 | (54) PARTICULATE SOLID, PROCESS FOR |
| C08L 23/04 | (33) Japan | THE PRODUCTION THEREOF, USE AS |
| (11) EP2865717 | Japan | FILLER AND ASSOCIATED ARTICLES |
| (21) EP13810220.7 | (51) C08L 83/04 | (73) Evonik Degussa GmbH |
| (47) 23.05.2018 | (11) EP3172279 | (72) WITTE, Stephen |
| (87) JP2013067336 | (21) EP16702486.8 | HERRMANN, Wolfram |
| 03.01.2014 | (47) 23.05.2018 | (31) 102012100123 |
| (22) 25.06.2013 | (87) EP2016050871 | (32) 09.01.2012 |
| (54) HYDROGENATED BLOCK COPOLYMER | 04.08.2016 | (33) Germany |
| PELLET, POLYOLEFIN RESIN | (22) 18.01.2016 | (51) C09C 3/10 |
| COMPOSITION, AND MOLDED | (54) ORGANOPOLYSILOXANE | C09C 1/02 |
| PRODUCT THEREOF. | COMPOSITIONS WHICH CAN BE | C08F 22/00 |
| (73) Asahi Kasei Kabushiki Kaisha | CROSSLINKED BY MEANS OF A | C08K 3/00 |
| (72) KUSANOSE, Yasuhiro | CONDENSATION REACTION | C08F 220/06 |
| HORIUCHI, Mika | (73) Wacker Chemie AG | C08F 220/28 |
| YAGI, Noriko | (72) SIXT, Torsten | C08K 3/26 |
| (31) 2012143103 | NEUHAUSER, Franz | (11) EP2872570 |
| (32) 26.06.2012 | (31) 102015201423 | (21) EP13744681.1 |
| (33) Japan | (32) 28.01.2015 | (47) 23.05.2018 |
| (51) C08L 71/12 | (33) Germany | (87) FR2013051566 |
| B32B 15/08 | (51) C08L 101/00 | 16.01.2014 |
| B32B 17/04 | C08F 2/44 | (22) 03.07.2013 |
| C08J 5/24 | C08F 292/00 | (54) USE OF A COMB POLYMER FOR |
| C08K 3/00 | C08K 5/23 | PREPARING A SUSPENSION |
| C08K 5/315 | C08K 7/00 | CONTAINING CALCIUM CARBONATE |
| C08K 5/5399 | (11) EP2889334 | AND HAVING REDUCED |
| C08L 63/00 | (21) EP13832631.9 | TEMPERATURE SENSITIVITY |
| C08L 79/04 | (47) 23.05.2018 | (73) COATEX |
| H05K 1/03 | (87) JP2013053470 | (72) JACQUEMET, Christian |
| (11) EP3115418 | 06.03.2014 | MONGOIN, Jacques |
| (21) EP15757754.5 | (22) 14.02.2013 | SUAU, Jean-Marc |
| (47) 23.05.2018 | (54) FLAKED GRAPHITE RESIN COMPOSITE | (31) 1256803 |
| (87) JP2015054686 | MATERIAL AND METHOD FOR | (32) 13.07.2012 |
| 11.09.2015 | PRODUCING SAME | (33) France |
| (22) 19.02.2015 | (73) Sekisui Chemical Co., Ltd. | (51) C09D 5/00 |
| (54) RESIN COMPOSITION, PREPREG, | (72) NOZATO, Shoji | (11) EP1897917 |
| RESIN SHEET, METAL-FOIL-CLAD | NAKASUGA, Akira | (21) EP07113761.6 |

| | | |
|---|--|---|
| (47) 23.05.2018 | (54) CERAMIC INK JET PRINTING INK FOR | A43B 13/00 |
| (22) 03.08.2007 | LOW-EXPANSION GLASS AND/OR | (11) EP3129442 |
| (54) Use of particulate emulsifiers in anti-adhesive coating masses containing siloxane | LOW-EXPANSION GLASS-CERAMIC AND USE THEREOF | (21) EP15711030.5 |
| (73) Evonik Degussa GmbH | (73) Schott AG | (47) 23.05.2018 |
| (72) Döhler, Hardi | (72) MIX, Christian | (87) US2015019926 |
| Ferenz, Michael | BOCKMEYER, Matthias | 15.10.2015 |
| Herrwerth, Sascha | SCHWALL, Michael | (22) 11.03.2015 |
| Naumann, Matthias | WEBER, Urban | (54) SELECTIVELY APPLIED ADHESIVE PARTICULATE ON NONMETALLIC SUBSTRATES |
| Venzmer, Joachim | HERRMANN, Jochen | (73) NIKE Innovate C.V. |
| Landgraf, Andreas | (31) 102014010335 | (72) DARLAND, Jeff |
| (31) 102006041971 | (32) 14.07.2014 | (31) 201414248818 |
| (32) 07.09.2006 | (33) Germany | (32) 09.04.2014 |
| (33) Germany | (51) C09D 183/06 | (33) United States of America |
| (51) C09D 5/44 | C08G 77/08 | |
| C08G 18/58 | C08G 77/38 | (51) C09J 7/02 |
| C08G 18/80 | (11) EP3168273 | C09J 7/04 |
| C08G 59/62 | (21) EP15194027.7 | B65H 19/10 |
| C08G 18/08 | (47) 23.05.2018 | (11) EP3173452 |
| C09D 17/00 | (22) 11.11.2015 | (21) EP16194016.8 |
| (11) EP2190936 | (54) CURABLE POLYMERS | (47) 23.05.2018 |
| (21) EP08785518.5 | (73) Evonik Degussa GmbH | (22) 14.10.2016 |
| (47) 23.05.2018 | (72) AMAJJAHE, Sadik | (54) ADHESIVE STRIP AND ITS USE |
| (87) EP2008006642 | HENNING, Frauke | (73) tesa SE |
| 19.02.2009 | KNOTT, Wilfried | (72) von Wedel-Parlow, Tobias |
| (22) 13.08.2008 | DUDZIK, Horst | Czerwonatis, Niels |
| (54) USE OF BISMUTH SUBNITRATE IN ELECTRO-DIPPING PAINTS | PLATTE, Gabriele | Schwarzbach, Julia |
| (73) BASF Coatings GmbH | GABER, Florian | Götz, Kerstin |
| (72) GROSSE BRINKHAUS, Karl-Heinz | DOEHLER, Hardi | (31) 10201522282 |
| NEUMANN, Margret | (51) C09D 183/08 | (32) 12.11.2015 |
| JOHANNPOETTER, Oliver | C09D 5/02 | (33) Germany |
| LUX, Peter | C09D 7/12 | (51) C09J 7/10 |
| (31) 102007038824 | C09D 127/04 | C09J 11/04 |
| (32) 16.08.2007 | C09D 175/04 | C09J 133/08 |
| (33) Germany | C08L 83/08 | G06F 3/041 |
| (51) C09D 11/02 | (11) EP2468831 | (11) EP3015518 |
| B41M 1/10 | (21) EP10809702.3 | (21) EP14818577.0 |
| B41M 3/14 | (47) 23.05.2018 | (47) 23.05.2018 |
| C09D 11/10 | (87) JP2010004897 | (87) KR2014005770 |
| B41C 1/04 | 24.02.2011 | 31.12.2014 |
| (11) EP2956514 | (22) 04.08.2010 | (22) 27.06.2014 |
| (21) EP13811544.9 | (54) COATING AGENT COMPOSITION | (54) OPTICAL ADHESIVE FILM, METHOD FOR MANUFACTURING OPTICAL ADHESIVE FILM AND TOUCH SCREEN PANEL COMPRISING SAME |
| (47) 23.05.2018 | (73) Momentive Performance Materials Japan LLC | (73) LG CHEM, LTD. |
| (87) EP2013077566 | (72) KIMURA, Masanori | (72) YOON, Chan Oh |
| 21.08.2014 | YAMATO, Toshio | PARK, Sung Chan |
| (22) 20.12.2013 | (31) 2009189727 | KIM, Jang Soon |
| (54) METHOD FOR PRINTING MULTI-CHARACTERISTIC INTAGLIO FEATURES | (32) 19.08.2009 | PARK, Eun Kyung |
| (73) SICPA HOLDING SA | (33) Japan | JUNG, Bu Gi |
| (72) LEFEBVRE, Olivier | (51) C09G 1/02 | KIM, Won Ho |
| MAGNIN, Patrick | H01L 21/02 | (31) 20130075144 |
| (31) 13155146 | (11) EP2995662 | (32) 28.06.2013 |
| (32) 14.02.2013 | (21) EP15175849.7 | (33) Korea (Republic) |
| (33) European Patent Office (EPO) | (47) 23.05.2018 | (51) C09J 183/04 |
| (51) C09D 11/322 | (22) 08.07.2015 | C09J 133/08 |
| C03C 8/00 | (54) POLISHING COMPOSITIONS AND METHODS FOR POLISHING COBALT FILMS | C09J 7/00 |
| C09D 11/38 | (73) Fujifilm Planar Solutions, LLC | B32B 5/18 |
| C03C 3/093 | (72) WANG, Luling | B32B 25/04 |
| C03C 8/04 | MISHRA, Abhudaya | B32B 25/10 |
| C03C 17/00 | MAHULIKAR, Deepak | B32B 25/20 |
| (11) EP3169735 | WEN, Richard | B32B 27/30 |
| (21) EP15736510.7 | (31) 201414478508 | A61F 13/02 |
| (47) 23.05.2018 | (32) 05.09.2014 | A61L 15/58 |
| (87) EP2015065976 | (33) United States of America | C09J 133/04 |
| 21.01.2016 | (51) C09J 5/06 | (11) EP2419485 |
| (22) 13.07.2015 | C09J 5/02 | (21) EP10765187.9 |

| | | |
|--|------------------------------------|---|
| (47) 23.05.2018 | G01N 33/533 | Haas, Helga |
| (87) US2010031250 | G01N 33/58 | Hahn, Alexander |
| 21.10.2010 | C09K 11/58 | Deing, Kaja Christina |
| (22) 15.04.2010 | C09K 11/06 | (31) 15003124 |
| (54) SILICONE GEL ADHESIVE | (11) EP3037498 | (32) 30.10.2015 |
| CONSTRUCTION | (21) EP14837719.5 | (33) European Patent Office (EPO) |
| (73) 3M Innovative Properties Company | (47) 23.05.2018 | (51) C09K 19/42 |
| (72) KANTNER, Steven, S. | (87) KR2014007639 | C09K 19/12 |
| LEWIS, Terry, W. | 26.02.2015 | C09K 19/14 |
| BROWN, Mary, L. | (22) 18.08.2014 | C09K 19/20 |
| (31) 170447 P | (54) FLUORESCENT PARTICLE | C09K 19/30 |
| (32) 17.04.2009 | COMPRIHING GOLD NANOPARTICLES | C09K 19/32 |
| (33) United States of America | AND METHOD FOR MANUFACTURING | C09K 19/34 |
| (51) C09J 183/04 | SAME | C09K 19/38 |
| E04B 1/62 | (73) Medisensor, Inc. | C09K 19/54 |
| (11) EP2438131 | (72) KIM, So Yeon | G02F 1/13 |
| (21) EP10724955.9 | HEO, Nae Young | C09K 19/04 |
| (47) 23.05.2018 | JUNG, Jeaan | C09K 19/06 |
| (87) US2010037450 | KIM, Won Jung | C09K 19/44 |
| 09.12.2010 | HWANG, Byung Gap | C09K 19/46 |
| (22) 04.06.2010 | KIM, Young Seop | (11) EP3075816 |
| (54) GUNNABLE ADHESIVE COMPOSITION | LEE, Myoung Hoon | (21) EP15198447.3 |
| FOR USE IN CONSTRUCTION | (31) 20130100430 | (47) 23.05.2018 |
| MEMBRANE APPLICATIONS | 20140100689 | (22) 15.01.2010 |
| (73) Dow Corning Corporation | (32) 23.08.2013 | (54) LIQUID CRYSTAL COMPOSITION AND |
| (72) CARBARY, Lawrence | 05.08.2014 | LIQUID CRYSTAL DISPLAY DEVICE |
| LOWER, Loren | (33) Korea (Republic) | (73) JNC Corporation |
| SEITZ, Aaron | Korea (Republic) | JNC Petrochemical Corporation |
| (31) 184002 P | (51) C09K 11/06 | (72) Saito, Masayuki |
| (32) 04.06.2009 | H01L 51/50 | (31) 2009011507 |
| (33) United States of America | (11) EP2980182 | 2009181775 |
| (51) C09K 5/04 | (21) EP15160609.2 | (32) 22.01.2009 |
| C10M 171/00 | (47) 23.05.2018 | 04.08.2009 |
| (11) EP2807225 | (22) 24.03.2015 | (33) Japan |
| (21) EP13701844.6 | (54) CONDENSED CYCLIC COMPOUND AND | Japan |
| (47) 23.05.2018 | ORGANIC LIGHT-EMITTING DEVICE | (51) C10G 69/00 |
| (87) FR2013050038 | INCLUDING THE SAME | C10G 69/02 |
| 01.08.2013 | (73) Samsung Electronics Co., Ltd. | C10G 69/04 |
| (22) 09.01.2013 | Samsung SDI Co., Ltd. | (11) EP3110921 |
| (54) HEAT TRANSFER COMPOSITIONS | (72) Chung, Yeonsook | (21) EP14811856.5 |
| HAVING IMPROVED MISCIBILITY | Son, Jhunmo | (47) 23.05.2018 |
| WITH LUBRICATING OIL | Kim, Sangmo | (87) EP2014077256 |
| (73) Arkema France | Kim, Hyunjung | 03.09.2015 |
| (72) BOUSSAND, Béatrice | Jeon, Soonok | (22) 10.12.2014 |
| (31) 1250762 | Huh, Dalho | (54) PROCESS FOR PRODUCING BTX FROM |
| (32) 26.01.2012 | Jung, Yongsik | A MIXED HYDROCARBON SOURCE |
| (33) France | (31) 20140099240 | USING CATALYTIC CRACKING |
| (51) C09K 8/28 | (32) 01.08.2014 | (73) Saudi Basic Industries Corporation |
| C09K 8/68 | (33) Korea (Republic) | SABIC Global Technologies B.V. |
| (11) EP2454338 | (51) C09K 19/04 | (72) VELASCO PELAEZ, Raul |
| (21) EP10737363.1 | C09K 19/12 | (31) 14156611 |
| (47) 23.05.2018 | C09K 19/32 | (32) 25.02.2014 |
| (87) GB2010001363 | C09K 19/34 | (33) European Patent Office (EPO) |
| 20.01.2011 | C07C 69/017 | (51) C10J 3/00 |
| (22) 16.07.2010 | C07C 69/54 | C10J 3/72 |
| (54) STABILIZATION OF EMULSIONS | C09K 19/06 | F16L 51/02 |
| CONTAINING RESINOUS MATERIAL | C09K 19/54 | F23G 5/20 |
| FOR USE IN THE FIELD OF OIL OR GAS | G02F 1/1343 | C10B 1/10 |
| WELL TREATMENTS | (11) EP3162875 | C10B 47/30 |
| (73) Halliburton Energy Services, Inc. | (21) EP16002128.3 | (11) EP3126473 |
| (72) ROBB, Ian, D. | (47) 23.05.2018 | (21) EP15702394.6 |
| GASKINS, Sherry, G. | (22) 04.10.2016 | (47) 23.05.2018 |
| NGUYEN, Philip, Duke | (54) POLYMERISABLE COMPOUNDS | (87) EP2015050767 |
| (31) 505005 | AND THE USE THEREOF IN LIQUID- | 08.10.2015 |
| (32) 17.07.2009 | CRYSTAL DISPLAYS | (22) 16.01.2015 |
| (33) United States of America | (73) Merck Patent GmbH | (54) PROCESS AND DEVICE FOR REACTING |
| (51) C09K 11/02 | (72) Marten, Christoph | ORGANIC MATERIALS TO GIVE |
| C09K 11/08 | Tong, Qiong | HYDROGEN GAS |

| | | |
|---|--|--|
| (73) CleanCarbonConversion Patents AG | C10L 9/08 | C10M 161/00 |
| (72) JENEY, Peter | (11) EP2601279 | C10M 129/76 |
| (31) 14162556 | (21) EP11813252.1 | C10N 30/04 |
| (32) 31.03.2014 | (47) 23.05.2018 | C10N 40/25 |
| (33) European Patent Office (EPO) | (87) US2011045902 | C10N 60/14 |
| (51) C10J 3/30 | 02.02.2012 | (11) EP3087165 |
| C10J 3/82 | (22) 29.07.2011 | (21) EP14727103.5 |
| F23B 90/06 | (54) SUPERTORREFACTION OF BIOMASS | (47) 23.05.2018 |
| C10J 3/20 | INTO BIOCOAL | (87) US2014032474 |
| C10J 3/66 | (73) Academia Sinica | 02.07.2015 |
| F23G 5/027 | Shu, Frank H. | (22) 01.04.2014 |
| C10J 3/26 | (72) SHU, Frank, H. | (54) USE FOR IMPROVING ENGINE FUEL |
| (11) EP2688986 | CAI, Michael, J. | EFFICIENCY |
| (21) EP12710505.4 | LUO, Fen-tair | (73) ExxonMobil Research and Engineering |
| (47) 23.05.2018 | (31) 368832 P | Company |
| (87) EP2012055082 | (32) 29.07.2010 | (72) DANCE, Smruti, A. |
| 27.09.2012 | (33) United States of America | GAAL, Dennis, A. |
| (22) 22.03.2012 | (51) C10L 9/08 | PATEL, Mrugesh, Nilesh |
| (54) SHAFT GASIFIER | (11) EP2785820 | DECKMAN, Douglas, E. |
| (73) Big Dutchman International GmbH | (21) EP12823238.6 | HERZ, Erik |
| (72) SCHWARZ, Armin | (47) 23.05.2018 | (31) 201361920130 P |
| RICHTER, Wilfried | (87) DE2012100366 | 201414219300 |
| (31) 202011004328 U | 06.06.2013 | (32) 23.12.2013 |
| (32) 22.03.2011 | (22) 30.11.2012 | 19.03.2014 |
| (33) Germany | (54) DEVICE FOR THE HYDROTHERMAL | (33) United States of America |
| (51) C10L 1/08 | CARBONIZATION OF BIOMASS | United States of America |
| C10L 1/16 | (73) Reichhart, Thomas | (51) C10M 141/12 |
| C10L 10/04 | (72) Reichhart, Thomas | C10N 10/08 |
| C10L 10/06 | (31) 102011055990 | C10N 40/25 |
| (11) EP1497398 | (32) 02.12.2011 | (11) EP2039741 |
| (21) EP03722551.3 | (33) Germany | (21) EP08162058.5 |
| (47) 23.05.2018 | (51) C10L 9/08 | (47) 23.05.2018 |
| (87) EP2003004359 | (11) EP2785819 | (22) 08.08.2008 |
| 06.11.2003 | (21) EP12823237.8 | (54) Lubricant Formulations for Improved |
| (22) 24.04.2003 | (47) 23.05.2018 | Catalyst Performance |
| (54) USE OF A FISCHER-TROPSCH GAS | (87) DE2012100364 | (73) Afton Chemical Corporation |
| OIL FOR REDUCING OR REMOVING | 06.06.2013 | (72) Guinther, Gregory H. |
| DEPOSITS IN A DIESEL ENGINE | (22) 30.11.2012 | Loper, John T. |
| (73) Shell Internationale Research Maatschappij | (54) METHOD AND DEVICE FOR THE | (31) 856422 |
| B. V. | HYDROTHERMAL CARBONIZATION OF | (32) 17.09.2007 |
| (72) CLARK, Richard Hugh | BIOMASS | (33) United States of America |
| MILLINGTON, Christopher Russell | (73) Reichhart, Thomas | (51) C10M 145/14 |
| WILLIAMS, Rodney Glyn | (72) Reichhart, Thomas | C10M 151/02 |
| MATCHETT, Steven Douthwaite | (31) 102011055989 | C10M 153/02 |
| (31) 02252946 | (32) 02.12.2011 | C10N 50/10 |
| (32) 25.04.2002 | (33) Germany | (11) EP1753847 |
| (33) European Patent Office (EPO) | (51) C10M 101/00 | (21) EP05701058.9 |
| (51) C10L 1/19 | C07C 45/48 | (47) 23.05.2018 |
| C10L 10/10 | C10G 69/04 | (87) EP2005000509 |
| C10L 1/16 | C10M 105/02 | 17.11.2005 |
| C10L 1/182 | (11) EP2935538 | (22) 20.01.2005 |
| C10L 1/185 | (21) EP13815609.6 | (54) LUBRICATING GREASE HAVING A |
| C10L 1/02 | (47) 23.05.2018 | HIGH WATER-RESISTANCE |
| (11) EP2722383 | (87) US2013073016 | (73) Evonik Oil Additives GmbH |
| (21) EP11871089.6 | 26.06.2014 | (72) SCHERER, Markus, Dr. |
| (47) 23.05.2018 | (22) 04.12.2013 | FISCHER, Matthias |
| (87) CN2011078538 | (54) PROCESS FOR MAKING LUBE BASE | MÜLLER, Michael |
| 21.02.2013 | STOCKS FROM RENEWABLE FEEDS | KINKER, Bernard |
| (22) 17.08.2011 | (73) ExxonMobil Research and Engineering | PAUKER, Alexndra |
| (54) A GASOLINE COMPOSITION AND ITS | Company | (31) 834861 |
| PREPARATION METHOD | (72) WANG, Kun | (32) 30.04.2004 |
| (73) Hunan Zhongchuang Chemical Co., Ltd | PARTRIDGE, Randall, D. | (33) United States of America |
| (72) HU, Xiannian | GUPTA, Himanshu | (51) C10M 159/12 |
| LI, Hua | (31) 201261738464 P | C10L 1/22 |
| LIU, Liangshuai | (32) 18.12.2012 | C10L 10/18 |
| (51) C10L 5/40 | (33) United States of America | C10L 1/30 |
| B01J 19/00 | (51) C10M 141/06 | C10M 159/20 |
| C10B 57/14 | C10M 141/12 | C10L 10/06 |

| | | |
|-----------------------------------|------------------------------------|---------------------------------------|
| C10L 10/08 | (73) The Procter & Gamble Company | (87) EP2014000284 |
| (11) EP3132012 | (72) LANT, Neil Joseph | 14.08.2014 |
| (21) EP15716375.9 | WOOD, Rebecca Louise | (22) 04.02.2014 |
| (47) 23.05.2018 | GUMMEL, Jeremie Robert Marcel | (54) CONTAINER, TRANSPORT DEVICE, USE |
| (87) US2015024032 | (31) 15165819 | AND METHOD |
| 22.10.2015 | 15190049 | (73) Sartorius Stedim Biotech GmbH |
| (22) 02.04.2015 | (32) 29.04.2015 | (72) HUSEMANN, Bernward |
| (54) LOW ASH LUBRICANT AND FUEL | 15.10.2015 | KAHLERT, Wolfgang |
| ADDITIVE COMPRISING POLYAMINE | (33) European Patent Office (EPO) | CHAUSSIN, Sebastien |
| (73) Chemtura Corporation | European Patent Office (EPO) | SEITZ, Reiner |
| (72) MUIR, Ronald, J. | (51) C11D 3/33 | (31) 102013002091 |
| DIFLAVIO, John-Louis | C11D 17/06 | (32) 05.02.2013 |
| WEL, James-Jianjun | (11) EP2380961 | (33) Germany |
| (31) 201461980787 P | (21) EP10160964.2 | (51) C12M 1/00 |
| 201461980811 P | (47) 23.05.2018 | G01N 35/00 |
| 201514666221 | (22) 23.04.2010 | C12Q 1/68 |
| (32) 17.04.2014 | (54) Detergent composition | (11) EP2215209 |
| 17.04.2014 | (73) The Procter & Gamble Company | (21) EP08844709.9 |
| 23.03.2015 | Industrial Chemicals Group Limited | (47) 23.05.2018 |
| (33) United States of America | (72) Somerville, Nigel Patrick | (87) US2008081818 |
| United States of America | Hughes, Chris | 07.05.2009 |
| United States of America | Dyson, Robert Ian | (22) 30.10.2008 |
| (51) C10M 173/00 | (51) C11D 3/386 | (54) APPARATUS FOR HIGH THROUGHPUT |
| C10M 145/26 | (11) EP3088502 | SEQUENCING OF NUCLEIC ACIDS |
| C10N 40/22 | (21) EP16167242.3 | (73) Complete Genomics, Inc. |
| (11) EP2900797 | (47) 23.05.2018 | (72) OLIPHANT, Arnold |
| (21) EP12889653.7 | (22) 27.04.2016 | (31) 983886 P |
| (47) 23.05.2018 | (54) METHOD OF TREATING A FABRIC | (32) 30.10.2007 |
| (87) CN2012086049 | (73) The Procter & Gamble Company | (33) United States of America |
| 12.06.2014 | (72) LANT, Neil Joseph | (51) C12M 1/34 |
| (22) 06.12.2012 | WOOD, Rebecca Louise | C12M 1/36 |
| (54) PROCESS OF CUTTING A HARD, | GUMMEL, Jeremie Robert Marcel | (11) EP2947140 |
| BRITTLE MATERIAL | (31) 15165814 | (21) EP15164245.1 |
| (73) Dow Global Technologies LLC | 15190045 | (47) 23.05.2018 |
| (72) ZHU, Yiping | (32) 29.04.2015 | (22) 20.04.2015 |
| LIANG, Bing | 15.10.2015 | (54) CELL CULTURE CONTROL SYSTEM, |
| LIU, Andong | (33) European Patent Office (EPO) | CELL CULTURE CONTROL METHOD, |
| YU, Wanglin | European Patent Office (EPO) | AND NON-TRANSITORY COMPUTER |
| (51) C11B 3/00 | (51) C11D 3/386 | READABLE STORAGE MEDIUM |
| C12P 7/40 | C11D 1/62 | (73) Yokogawa Electric Corporation |
| C12P 7/64 | C11D 3/37 | (72) Namatame, Tetsushi |
| A23C 9/152 | C11D 3/00 | Shimoda, Souichirou |
| C12P 19/32 | C11D 11/00 | Suzuki, Yasuyuki |
| (11) EP3066182 | (11) EP3088503 | Izaki, Fumiaki |
| (21) EP14805848.0 | (21) EP16167256.3 | (31) 2014103719 |
| (47) 23.05.2018 | (47) 23.05.2018 | (32) 19.05.2014 |
| (87) EP2014075779 | (22) 27.04.2016 | (33) Japan |
| 11.06.2015 | (54) METHOD OF TREATING A FABRIC | (51) C12M 1/42 |
| (22) 27.11.2014 | (73) The Procter & Gamble Company | C12M 1/00 |
| (54) ENZYMATIC METHOD FOR | (72) LANT, Neil Joseph | (11) EP2487234 |
| SEPARATING PHYTANIC ACID FROM | WOOD, Rebecca Louise | (21) EP10821759.7 |
| FATS OR OILS CONTAINING IT | GUMMEL, Jeremie Robert Marcel | (47) 23.05.2018 |
| (73) NATAC PHARMA, S.L. | (31) 15165813 | (87) JP2010006044 |
| (72) CELA LÓPEZ, Jose, Manuel | 15190046 | 14.04.2011 |
| QUINTELA FERNÁNDEZ, José, Carlos | (32) 29.04.2015 | (22) 08.10.2010 |
| (31) 13382494 | 15.10.2015 | (54) PRESSURIZING AND CIRCULATING |
| (32) 04.12.2013 | (33) European Patent Office (EPO) | INCUBATION DEVICE AND |
| (33) European Patent Office (EPO) | European Patent Office (EPO) | PRESSURIZING AND CIRCULATING |
| (51) C11D 1/29 | (51) C12M 1/00 | INCUBATION SYSTEM |
| C11D 1/86 | C12M 3/00 | (73) Purpose Co., Ltd. |
| C11D 1/83 | C12M 1/34 | (72) WATANABE, Setuo |
| C11D 11/00 | C12M 1/06 | MURATA, Toshimi |
| C11D 3/386 | F16M 11/08 | SATOU, Mituharu |
| (11) EP3088506 | F16M 11/04 | KINOUCI, Ibuki |
| (21) EP16167262.1 | B65G 67/04 | TAKAI, Hidetada |
| (47) 23.05.2018 | (11) EP2898055 | (31) 2009235291 |
| (22) 27.04.2016 | (21) EP14705706.1 | (32) 09.10.2009 |
| (54) DETERGENT COMPOSITION | (47) 23.05.2018 | (33) Japan |

| | | | |
|--|---|---|---|
| (51) C12N 1/00 C12N 1/20 C12N 13/00 | (11) EP2379701 (21) EP10700421.0 (47) 23.05.2018 (87) EP2010050513 22.07.2010 (22) 18.01.2010 (54) METHODS FOR ISOLATING BACTERIA (73) Deinove Centre National de la Recherche Scientifique Université de Montpellier | C12N 15/74 C12P 13/00 (11) EP2806022 (21) EP13738280.0 (47) 23.05.2018 (87) KR2013000487 25.07.2013 (22) 21.01.2013 (54) RECOMBINANT MICROORGANISM WITH IMPROVED PUTRESCINE PRODUCTIVITY, AND METHOD FOR PRODUCING PUTRESCINE USING SAME (73) Cj Cheiljedang Corporation (72) LEE, Kyoung Min KIM, Seon Hye UM, Hye Won KANG, Min Sun CHOI, Su Jin JUNG, Hee Kyoung JHON, Sung Hoo LI, Hongxian GWAK, Won Sik LEE, Chong Ho YANG, Young Lyeol | (47) 23.05.2018 (87) US2014024660 09.10.2014 (22) 12.03.2014 (54) METHODS AND COMPOSITIONS FOR MODIFICATION OF HLA (73) Sangamo Therapeutics, Inc. Board of Regents, The University of Texas System (72) GREGORY, Philip D. COOPER, Laurence J.N. TORIKAI, Hiroki (31) 201361777627 P (32) 12.03.2013 (33) United States of America |
| (31) 09305041 145606 P (32) 19.01.2009 19.01.2009 (33) European Patent Office (EPO) United States of America | (31) 09305041 145606 P (32) 19.01.2009 19.01.2009 (33) European Patent Office (EPO) United States of America | (31) 20120007004 (32) 20.01.2012 (33) Korea (Republic) | (51) C12N 5/071 A61K 35/36 A61P 17/14 (11) EP2623106 (21) EP10857831.1 (47) 23.05.2018 (87) JP2010066999 05.04.2012 (22) 29.09.2010 (54) COMPOSITION FOR REGENERATING FOLLICLE WHICH CONTAINS CD36- EXPRESSING CONNECTIVE TISSUE SHEATH CELLS (73) Shiseido Company, Ltd. (72) YOSHIDA, Yuzo SOMA, Tsutomu FUJIWARA, Shigeyoshi |
| (51) C12N 1/20 A23C 9/123 A23L 33/135 A23L 2/00 A23L 2/02 A23L 2/38 C12R 1/25 A23L 2/52 (11) EP2548948 (21) EP11756299.1 (47) 23.05.2018 (87) JP2011056065 22.09.2011 (22) 15.03.2011 (54) NOVEL LACTOBACILLUS CLASSIFIED AS LACTOBACILLUS PLANTARUM, AND USE THEREOF (73) Kabushiki Kaisha Yakult Honsha (72) IINO, Tohru MASUOKA, Norie ISHIKAWA, Fumiyasu YOSHIMURA, Koichi HAYASHIDA, Eiji (31) 2010064911 (32) 19.03.2010 (33) Japan | (51) C12N 1/21 C12N 15/74 C12N 9/10 C12N 9/90 A61K 35/74 (11) EP2942391 (21) EP15167706.9 (47) 23.05.2018 (22) 15.08.2005 (54) METHODS FOR CONSTRUCTING ANTIBIOTIC RESISTANCE FREE VACCINES (73) The Trustees Of The University Of Pennsylvania (72) Paterson, Yvonne Verch, Thorsten (31) 601492 P (32) 13.08.2004 (33) United States of America | (51) C12N 1/21 A01N 63/00 C07K 14/195 C12N 1/36 C12N 9/12 (11) EP2838991 (21) EP13779028.3 (47) 23.05.2018 (87) US2013031950 24.10.2013 (22) 15.03.2013 (54) BIOLOGICAL CONTROL OF CROWN GALL DISEASE ON GRAPEVINES (73) Cornell University (72) BURR, Thomas, J. ZHENG, Desen (31) 201261635160 P (32) 18.04.2012 (33) United States of America | (51) C12N 9/10 C12P 21/02 C12N 15/09 (11) EP2765190 (21) EP12838509.3 (47) 23.05.2018 (87) JP2012075908 11.04.2013 (22) 05.10.2012 (54) MUTANT Y- GLUTAMYLTRANSFERASE, AND METHOD FOR PRODUCING Y- GLUTAMYLVALYLGLYCINE OR SALT THEREOF (73) AJINOMOTO CO., INC. (72) NOZAKI, Hiroyuki ABE, Isao TAKAKURA, Jun TAKESHITA, Rie SUZUKI, Hideyuki SUZUKI, Shunichi (31) 2011223058 (32) 07.10.2011 (33) Japan |
| (51) C12N 1/21 C12N 15/60 | (51) C12N 1/21 C12N 15/60 | (51) C12N 5/00 C12N 5/02 C12N 5/0783 (11) EP2970886 (21) EP14779898.7 | (51) C12N 11/04 C02F 3/10 C02F 3/34 (11) EP2632861 (21) EP11788630.9 (47) 23.05.2018 (87) US2011057482 03.05.2012 (22) 24.10.2011 (54) WASTEWATER TREATMENT COMPOSITIONS (73) Novozymes Biologicals, Inc. |

| | | |
|---|--|--|
| <p>(72) KELLAR, Kenneth Edmund ALLEN, Megan EDWARDS, Christina LOOZE, Emily OVERSTREET, Larry (31) 201161435455 P 201061425060 P 406746 P (32) 24.01.2011 20.12.2010 26.10.2010 (33) United States of America United States of America United States of America</p> <hr/> <p>(51) C12N 15/09 A61K 39/155 A61P 31/16 C07K 14/11 C07K 16/10 C07K 19/00 C12N 1/15 C12N 1/19 C12N 1/21 C12N 5/10 A61K 39/145 C07K 14/005 (11) EP2471915 (21) EP10811798.7 (47) 23.05.2018 (87) JP2010064166 03.03.2011 (22) 23.08.2010 (54) MODIFIED PEPTIDE VACCINE DERIVED FROM INFLUENZA M2 (73) The Chemo-Sero-Therapeutic Research Institute (72) KAMINAKA, Kazuyoshi NOZAKI, Chikateru MATSUDA, Junichi NISHIYAMA, Kiyoto (31) 2009197564 2010058577 (32) 28.08.2009 16.03.2010 (33) Japan Japan</p> <hr/> <p>(51) C12N 15/09 C12N 9/22 (11) EP2297318 (21) EP09766999.8 (47) 23.05.2018 (87) US2009003249 23.12.2009 (22) 28.05.2009 (54) COMPOSITIONS FOR LINKING DNA- BINDING DOMAINS AND CLEAVAGE DOMAINS (73) Sangamo Therapeutics, Inc. (72) MILLER, Jeffrey, C. (31) 130099 P (32) 28.05.2008 (33) United States of America</p> <hr/> <p>(51) C12N 15/10 (11) EP3083957 (21) EP14824390.0 (47) 23.05.2018 (87) EP2014077403 25.06.2015</p> | <p>(22) 11.12.2014 (54) PRODUCTION OF ENCODED CHEMICAL LIBRARIES (73) Philochem AG (72) DECURTINS, Willy FRANZINI, Raphael NERI, Dario SCHEUERMANN, Jörg WICHERT, Moreno (31) 201322692 (32) 20.12.2013 (33) United Kingdom</p> <hr/> <p>(51) C12N 15/113 (11) EP2655621 (21) EP11852141.8 (47) 23.05.2018 (87) US2011065939 28.06.2012 (22) 19.12.2011 (54) POLYCOMB-ASSOCIATED NON- CODING RNAS (73) The General Hospital Corporation (72) LEE, Jeannie T. ZHAO, Jing SARMA, Kavitha BOROWSKY, Mark OHSUMI, Toshiro Kendrick (31) 201061425174 P 201161512754 P PCT/US2011/060493 (32) 20.12.2010 28.07.2011 12.11.2011 (33) United States of America United States of America World Intellectual Property Office (WIPO)</p> <hr/> <p>(51) C12N 15/113 A61K 31/07 A61K 47/54 A61K 9/127 (11) EP3050965 (21) EP16155975.2 (47) 23.05.2018 (22) 04.09.2009 (54) AGENT FOR TREATING MYELOFIBROSIS (73) NITTO DENKO CORPORATION (72) Niitsu, Yoshiro Matsunaga, Takuya (31) 2008228338 (32) 05.09.2008 (33) Japan</p> <hr/> <p>(51) C12N 15/70 (11) EP2834360 (21) EP13717574.1 (47) 23.05.2018 (87) JP2013060570 10.10.2013 (22) 02.04.2013 (54) AUTO-INDUCIBLE EXPRESSION SYSTEM, AND THE USE THEREOF FOR PRODUCING USEFUL METABOLITES USING A BACTERIUM OF THE FAMILY ENTEROBACTERIACEAE (73) Ajinomoto Co., Inc. (72) SYCHEVA, Elena Viktorovna SAMSONOV, Valery Vasilievich SAVRASOVA, Ekaterina Alekseevna</p> | <p>EREMINA, Natalia Sergeevna GERASKINA, Natalia Vladimirovna STOYNOVA, Natalia Viktorovna (31) 2012112651 (32) 02.04.2012 (33) Russian Federation</p> <hr/> <p>(51) C12N 15/74 C12P 7/18 C12N 1/20 (11) EP2480673 (21) EP10819620.5 (47) 23.05.2018 (87) US2010050436 31.03.2011 (22) 27.09.2010 (54) METHOD FOR PRODUCING 3- HYDROXYPROPIONIC ACID AND OTHER PRODUCTS (73) OPX Biotechnologies, Inc. The Regents of the University of Colorado (72) LYNCH, Michael, D. GILL, Ryan, T. WARNECKE-LIPSCOMB, Tanya (31) 298844 P 246141 P 321480 P (32) 27.01.2010 27.09.2009 06.04.2010 (33) United States of America United States of America United States of America</p> <hr/> <p>(51) C12N 15/75 C12N 9/54 (11) EP2421973 (21) EP10714540.1 (47) 23.05.2018 (87) US2010031269 28.10.2010 (22) 15.04.2010 (54) PROTEASES WITH MODIFIED PRO REGIONS (73) Danisco US Inc. (72) FERRARI, Eugenio FIORESI, Carol VAN KIMMENADE, Anita (31) 172587 P 177899 P (32) 24.04.2009 13.05.2009 (33) United States of America United States of America</p> <hr/> <p>(51) C12N 15/867 C07K 14/16 (11) EP2761011 (21) EP12813090.3 (47) 23.05.2018 (87) IB2012002363 04.04.2013 (22) 25.09.2012 (54) USE OF NON-SUBTYPE B GAG PROTEINS FOR LENTIVIRAL PACKAGING (73) Theravectys Institut Pasteur (72) TRAN, Thi-Lan CHARNEAU, Pierre BAUCHE, Cecile</p> |
|---|--|--|

| | | |
|---|--|--|
| (31) 11306222 | (33) United States of America | (72) DORNMAIR, Klaus |
| (32) 26.09.2011 | (51) C12Q 1/68 | HOHLFELD, Reinhard |
| (33) European Patent Office (EPO) | C12M 1/34 | PRINZ, Jörg Christoph |
| (51) C12P 19/26 | C12N 15/11 | SIEWERT, Katherina |
| (11) EP2435578 | (11) EP2756101 | KIM, Song-Min |
| (21) EP10730105.3 | (21) EP12831521.5 | (31) 10008233 |
| (47) 23.05.2018 | (47) 23.05.2018 | (32) 06.08.2010 |
| (87) EP2010057129 | (87) US2012055620 | (33) European Patent Office (EPO) |
| 02.12.2010 | 21.03.2013 | (51) C12Q 1/686 |
| (22) 25.05.2010 | (22) 14.09.2012 | (11) EP2909319 |
| (54) BIOTECHNOLOGICAL PRODUCTION OF CHONDROITIN | (54) PROBE: ANTIPROBE COMPOSITIONS FOR HIGH SPECIFICITY DNA OR RNA DETECTION | (21) EP13847958.9 |
| (73) Altergon S.a. | (73) Shafer, David, A. | (47) 23.05.2018 |
| (72) DE ROSA, Mario | (72) Shafer, David, A. | (87) US2013065313 |
| SCHIRALDI, Chiara | (31) 201161534925 P | 24.04.2014 |
| CIMINI, Donatella | (32) 15.09.2011 | (22) 16.10.2013 |
| (31) MI20090923 | (33) United States of America | (54) INHIBITION-RESISTANT POLYMERASES |
| (32) 25.05.2009 | (51) C12Q 1/68 | (73) DNA Polymerase Technology, Inc. |
| (33) Italy | C12N 15/09 | (72) KERMEKCHIEV, Milko, B. |
| (51) C12P 21/00 | C12Q 1/04 | ZHANG, Zhian |
| C12N 9/90 | C12Q 1/06 | (31) 201261714671 P |
| (11) EP2678440 | (11) EP2752496 | 2013618111611 P |
| (21) EP12749852.5 | (21) EP12828007.0 | (32) 16.10.2012 |
| (47) 23.05.2018 | (47) 23.05.2018 | 12.04.2013 |
| (87) US2012025809 | (87) JP2012072219 | (33) United States of America |
| 30.08.2012 | 07.03.2013 | United States of America |
| (22) 20.02.2012 | (22) 31.08.2012 | (51) C12Q 1/70 |
| (54) YEAST STRAIN FOR THE PRODUCTION OF PROTEINS WITH MODIFIED O-GLYCOSYLATION | (54) METHOD FOR DETECTING TOXIN-PRODUCING CLOSTRIDIUM DIFFICILE | (11) EP2344679 |
| (73) Merck Sharp & Dohme Corp. | (73) Kabushiki Kaisha Yakult Honsha | (21) EP09816857.8 |
| (72) BOBROWICZ, Piotri | (72) KUBOTA, Hiroyuki | (47) 23.05.2018 |
| COOK, William, J. | MAKINO, Hiroshi | (87) US2009058237 |
| HAMILTON, Stephen | SAKAI, Takafumi | 01.04.2010 |
| NETT, Juergen | ISHIKAWA, Eiji | (22) 24.09.2009 |
| STADHEIM, Terrance, A. | OISHI, Kenji | (54) KITS AND DEVICES FOR DETECTING ANALYTES |
| WILDT, Stefan | (31) 2011190706 | (73) First Light Biosciences, Inc. |
| (31) 201161446846 P | (32) 01.09.2011 | (72) YANTZ, Greg |
| (32) 25.02.2011 | (33) Japan | STRAUS, Don |
| (33) United States of America | (51) C12Q 1/68 | SIEK, Gordon |
| (51) C12Q 1/68 | C12P 19/34 | DEHART, Damon |
| (11) EP2371969 | (11) EP2694666 | (31) 99830 P |
| (21) EP10011848.8 | (21) EP12767452.1 | (32) 24.09.2008 |
| (47) 23.05.2018 | (47) 23.05.2018 | (33) United States of America |
| (22) 03.06.2005 | (87) US2012032508 | (51) C21C 1/02 |
| (54) Identification of tumors | 11.10.2012 | H02P 29/00 |
| (73) Biotheranostics, Inc. | (22) 06.04.2012 | C21C 1/06 |
| (72) Erlander, Mark G. | (54) MONITORING RECOMBINASE POLYMERASE AMPLIFICATION MIXTURES | F27D 27/00 |
| Ma, Xiao-Jun | (73) Alere San Diego, Inc. | (11) EP2684966 |
| (31) 577084 P | (72) ARMES, Niall A. | (21) EP12754352.8 |
| (32) 04.06.2004 | PIEPENBURG, Olaf | (47) 23.05.2018 |
| (33) United States of America | GREENWOOD, Catherine Jean | (87) JP2012055084 |
| (51) C12Q 1/68 | (31) 201161472919 P | 13.09.2012 |
| (11) EP2798089 | (32) 07.04.2011 | (22) 29.02.2012 |
| (21) EP12863528.1 | (33) United States of America | (54) IMPELLER ROTATION SPEED CONTROL METHOD |
| (47) 23.05.2018 | (51) C12Q 1/68 | (73) Nisshin Steel Co., Ltd. |
| (87) US2012071517 | G01N 33/50 | (72) TADA, Shintarou |
| 04.07.2013 | G01N 33/569 | SUGIURA, Masayuki |
| (22) 21.12.2012 | A61K 39/00 | (31) 2011049827 |
| (54) METHODS AND COMPOSITIONS FOR PERFORMING NUCLEIC ACID AMPLIFICATION REACTIONS | (11) EP2982766 | (32) 08.03.2011 |
| (73) Bio-rad Laboratories, Inc. | (21) EP15181740.0 | (33) Japan |
| (72) MONTESCLAROS, Luz | (47) 23.05.2018 | (51) C21C 5/30 |
| WYATT, Paul | (22) 05.08.2011 | C21C 1/02 |
| (31) 201161582120 P | (54) IDENTIFICATION OF T CELL TARGET ANTIGENS | C21C 5/46 |
| (32) 30.12.2011 | (73) Ludwig-Maximilians-Universität München | C21C 5/35 |
| | | C21C 7/00 |
| | | C21C 7/068 |
| | | C21C 7/064 |

| | | |
|---|------------------------------------|--|
| C21C 7/072 | (11) EP2480695 | (47) 23.05.2018 |
| (11) EP2808407 | (21) EP10760237.7 | (87) US2013042513 |
| (21) EP13767440.4 | (47) 23.05.2018 | 12.12.2013 |
| (47) 23.05.2018 | (87) DE2010000975 | (22) 23.05.2013 |
| (87) JP2013001997 | 10.03.2011 | (54) CORROSION RESISTANT ELECTRODES |
| 03.10.2013 | (22) 18.08.2010 | FOR LASER CHAMBERS |
| (22) 25.03.2013 | (54) METHOD OF MANUFACTUR AN IRON- | (73) Cymer, LLC |
| (54) METHOD FOR REFINING HOT METAL | CHROME ALLOY. | (72) KARDOKUS, Janine |
| IN CONVERTER | (73) VDM Metals International GmbH | DUFFEY, Thomas, P. |
| (73) JFE Steel Corporation | (72) HATTENDORF, Heike | PARTLO, William, N. |
| (72) NAKASE, Kenji | IBAS, Osman | (31) 201261657014 P |
| TAKAHASHI, Yukio | (31) 102009039552 | 201313840736 |
| KIKUCHI, Naoki | (32) 01.09.2009 | (32) 07.06.2012 |
| OKUYAMA, Goro | (33) Germany | 15.03.2013 |
| SATO, Shingo | (51) C21D 9/46 | (33) United States of America |
| UCHIDA, Yuichi | C22C 38/14 | United States of America |
| MIKI, Yuji | C22C 38/60 | (51) C22C 19/03 |
| (31) 2012075928 | C23C 2/02 | C22C 19/05 |
| 2012239975 | C23C 2/06 | (11) EP3040432 |
| (32) 29.03.2012 | C23C 2/28 | (21) EP14839642.7 |
| 31.10.2012 | C22C 38/00 | (47) 23.05.2018 |
| (33) Japan | B32B 15/01 | (87) JP2014059406 |
| Japan | C21D 6/00 | 05.03.2015 |
| (51) C21C 5/52 | C21D 8/02 | (22) 31.03.2014 |
| F27B 3/08 | C23C 2/40 | (54) NI-BASED ALLOY WITH EXCELLENT |
| F27B 3/22 | C21D 1/26 | HOT FORGEABILITY, RESISTANCE TO |
| (11) EP2776593 | C22C 38/02 | HIGH-TEMPERATURE OXIDATION, |
| (21) EP12790640.2 | C22C 38/04 | AND RESISTANCE TO HIGH- |
| (47) 23.05.2018 | C22C 38/06 | TEMPERATURE HALOGEN-GAS |
| (87) IB2012002245 | C22C 38/12 | CORROSION, AND MEMBER |
| 16.05.2013 | C22C 38/18 | COMPRISING SAID NI-BASED ALLOY |
| (22) 06.11.2012 | C22C 38/32 | (73) HITACHI METALS MMC SUPERALLOY, |
| (54) APPARATUS AND METHOD FOR | C22C 38/38 | LTD. |
| POSITIONING LANCES OF ELECTRIC | (11) EP3106528 | Hitachi Metals, Ltd. |
| ARC FURNACE, ELECTRIC ARC | (21) EP15783160.3 | (72) SAKAI Hirokazu |
| FURNACE COMPRISING SUCH | (47) 23.05.2018 | SUGAHARA Katsuo |
| APPARATUS | (87) JP2015001526 | (31) 2013175389 |
| (73) Tenova S.p.A. | 29.10.2015 | 2013175390 |
| (72) MONTI, Nicola | (22) 18.03.2015 | (32) 27.08.2013 |
| (31) MI20112020 | (54) HIGH-STRENGTH HOT-DIP | 27.08.2013 |
| (32) 07.11.2011 | GALVANIZED STEEL SHEET, AND | (33) Japan |
| (33) Italy | METHOD FOR MANUFACTURING | Japan |
| (51) C21D 6/00 | HIGH-STRENGTH ALLOYED HOT-DIP | (51) C22C 19/05 |
| B60N 2/225 | GALVANIZED STEEL SHEET | C22F 1/10 |
| C21D 7/02 | (73) JFE Steel Corporation | C22F 1/00 |
| C21D 9/00 | (72) KIMURA, Hideyuki | C22C 1/10 |
| C21D 9/32 | FUJITA, Koichiro | C22C 32/00 |
| C22C 38/04 | HASEGAWA, Hiroshi | (11) EP2647732 |
| C22C 38/06 | (31) 2014088044 | (21) EP11845662.3 |
| (11) EP2757164 | (32) 22.04.2014 | (47) 23.05.2018 |
| (21) EP14150190.8 | (33) Japan | (87) JP2011077718 |
| (47) 23.05.2018 | (51) C22C 9/04 | 07.06.2012 |
| (22) 06.01.2014 | (11) EP2963134 | (22) 30.11.2011 |
| (54) High load bearing adjusting device, in | (21) EP14176783.0 | (54) PRECIPITATION-STRENGTHENED NI- |
| particular seat adjuster on FeMn basis | (47) 23.05.2018 | BASED HEAT-RESISTANT ALLOY AND |
| (73) Volkswagen Aktiengesellschaft | (22) 11.07.2014 | METHOD FOR PRODUCING THE SAME |
| Sitech Sitztechnik GmbH | (54) Low-lead brass alloy | (73) Kabushiki Kaisha Kobe Seiko Sho (Kobe |
| (72) Busch, Christian | (73) Jiangxi Audy Brasswork Inc. | Steel, Ltd.) |
| Huinink, Stefan | (72) Li, Jiade | (72) KIUCHI, Kiyoshi |
| Behm, Velten | (31) 201410282838 | SHIBA, Kiyoyuki |
| Gommert, Michael | (32) 23.06.2014 | NOURA, Tsuyoshi |
| Barkow, Tomas | (33) China | NAKAYAMA, Jumpei |
| (31) 102013000636 | (51) C22C 9/04 | (31) 2010266047 |
| (32) 16.01.2013 | H01S 3/038 | (32) 30.11.2010 |
| (33) Germany | H01S 3/0971 | (33) Japan |
| (51) C21D 8/02 | H01S 3/225 | (51) C22C 21/00 |
| C22C 38/22 | (11) EP2859627 | C22F 1/04 |
| C22C 38/26 | (21) EP13800633.3 | H01B 1/02 |

| | | |
|-----------------------------------|--|--|
| H01B 5/02 | (21) EP13864281.4 | MURASE, Masatsugu |
| C22F 1/00 | (47) 23.05.2018 | HOSHINO, Toshiyuki |
| (11) EP2540848 | (87) JP2013007135 | (31) 2009226164 |
| (21) EP11747540.0 | 26.06.2014 | 2010187057 |
| (47) 23.05.2018 | (22) 04.12.2013 | (32) 30.09.2009 |
| (87) JP2011054397 | (54) HIGH-STRENGTH COLD-ROLLED | 24.08.2010 |
| 01.09.2011 | STEEL SHEET WITH LOW YIELD RATIO | (33) Japan |
| (22) 25.02.2011 | AND METHOD FOR MANUFACTURING | Japan |
| (54) ALUMINUM ALLOY CONDUCTOR | THE SAME | (51) C22F 1/18 |
| (73) Furukawa Electric Co., Ltd. | (73) JFE Steel Corporation | (11) EP2623628 |
| Furukawa Automotive Systems Inc. | (72) TAKASHIMA, Katsutoshi | (21) EP11829668.0 |
| (72) SEKIYA, Shigeki | TOJI, Yuki | (47) 23.05.2018 |
| MIHARA, Kuniteru | KIMURA, Hideyuki | (87) RU2011000730 |
| SUSAI, Kyota | HASEGAWA, Kohei | 05.04.2012 |
| (31) 2010043487 | (31) 2012275627 | (22) 23.09.2011 |
| (32) 26.02.2010 | (32) 18.12.2012 | (54) METHOD FOR MANUFACTURING |
| (33) Japan | (33) Japan | DEFORMED ARTICLES FROM PSEUDO- |
| (51) C22C 29/16 | (51) C22C 38/00 | BETA-TITANIUM ALLOYS |
| C22C 1/05 | C22C 38/02 | (73) Public Stock Company "VSMPO-AVISMA |
| G04B 37/22 | C22C 38/06 | Corporation" |
| (11) EP3040433 | C22C 38/42 | (72) TETYUKHIN, Vladislav Valentinovich |
| (21) EP14839891.0 | C22C 38/44 | LEVIN, Igor Vasilievich |
| (47) 23.05.2018 | C22C 38/46 | (31) 2010139738 |
| (87) JP2014072751 | C22C 38/48 | (32) 27.09.2010 |
| 05.03.2015 | C22C 38/50 | (33) Russian Federation |
| (22) 29.08.2014 | C22C 38/04 | (51) C23C 4/02 |
| (54) ORNAMENTAL COMPONENT AND | C22C 38/08 | C23C 4/06 |
| WATCH USING SAME, PORTABLE | C22C 38/12 | C23C 24/04 |
| TERMINAL AND PERSONAL | C22C 38/16 | C23C 28/00 |
| ORNAMENT | B32B 15/01 | C23C 14/00 |
| (73) Kyocera Corporation | (11) EP2128294 | C23C 14/06 |
| (72) MIKAKI,Shunji | (21) EP09001551.2 | C23C 14/35 |
| HANAI,Akihiro | (47) 23.05.2018 | (11) EP2733231 |
| NAKASUGA,Minoru | (22) 04.02.2009 | (21) EP13184586.9 |
| (31) 2013179857 | (54) Base metal for clad steel plate having high | (47) 23.05.2018 |
| (32) 30.08.2013 | strength and excellent toughness in welding | (22) 16.09.2013 |
| (33) Japan | heat-affected zone, and method of producing | (54) Thermal spray coated reinforced polymer |
| (51) C22C 37/04 | the same | composites |
| (11) EP2744923 | (73) The Japan Steel Works, Ltd. | (73) The Boeing Company |
| (21) EP12783490.1 | (72) Sato, Shinya | (72) MATOS, Marvi A. |
| (47) 23.05.2018 | Kayano, Rinzo | GHABCHI, Arash |
| (87) BR2012000391 | Nitta, Yukio | RANADE, Alpna N. |
| 28.02.2013 | Sakuraba, Masahiro | (31) 201213679399 |
| (22) 17.08.2012 | (31) 2008029251 | (32) 16.11.2012 |
| (54) CYLINDER LINER AND CAST IRON | (32) 08.02.2008 | (33) United States of America |
| ALLOY | (33) Japan | (51) C23C 4/134 |
| (73) Mahle Metal Leve S/A | (51) C22C 38/00 | (11) EP3192891 |
| Mahle International GmbH | C22C 38/16 | (21) EP17150721.3 |
| (72) SOARES JUNIOR, Edmo | C22C 38/60 | (47) 23.05.2018 |
| (31) PI1103921 | C22C 38/02 | (22) 09.01.2017 |
| (32) 17.08.2011 | C22C 38/04 | (54) SUSPENSION PLASMA SPRAY |
| (33) Brazil | C22C 38/06 | APPARATUS AND USE METHODS |
| (51) C22C 38/00 | C22C 38/08 | (73) United Technologies Corporation |
| B21B 3/00 | C22C 38/12 | (72) HAZEL, Brian T. |
| C21D 9/46 | C22C 38/14 | SERRA, Jessica T. |
| C22C 38/06 | C21D 6/00 | LIU, Xuan |
| C22C 38/58 | (11) EP2484790 | (31) 201614993582 |
| C21D 8/02 | (21) EP10820733.3 | (32) 12.01.2016 |
| C21D 6/00 | (47) 23.05.2018 | (33) United States of America |
| C22C 38/02 | (87) JP2010067310 | (51) C23C 14/02 |
| C22C 38/04 | 07.04.2011 | C23C 14/56 |
| C22C 38/08 | (22) 28.09.2010 | (11) EP2551371 |
| C22C 38/12 | (54) STEEL MATERIAL FOR STRUCTURES | (21) EP12178230.4 |
| C22C 38/14 | HAVING EXCELLENT WEATHER | (47) 23.05.2018 |
| C22C 38/16 | RESISTANCE AND STEEL STRUCTURE | (22) 27.07.2012 |
| C22C 38/18 | (73) JFE Steel Corporation | (54) Method for double-side vacuum film |
| C22C 38/38 | (72) MIURA, Shinichi | formation |
| (11) EP2937433 | KAGE, Isamu | (73) Nitto Denko Corporation |

- (72) Nashiki, Tomotake
Sugawara, Hideo
Yagura, Kenkichi
Hamada, Akira
Ito, Yoshihisa
Ishibashi, Kuniaki
Sakata, Yoshimasa
(31) 2011166669
2012156280
(32) 29.07.2011
12.07.2012
(33) Japan
Japan
-
- (51) C23C 14/56
C23C 16/54
(11) EP1593754
(21) EP03782915.7
(47) 23.05.2018
(87) JP2003016846
15.07.2004
(22) 26.12.2003
(54) VACUUM DEPOSITION APPARATUS
AND METHOD OF PRODUCING VAPOR-
DEPOSITED FILM
(73) Toppan Printing Co., Ltd.
Applied Materials GmbH & Co. KG
(72) Sasaki, Noboru, c/o Toppan Printing Co.,
Ltd.
Suzuki, Hiroshi, c/o Toppan Printing Co.,
Ltd.
Koizumi, Fumitake, c/o Toppan Printing Co.,
Ltd.
Imai, Nobuhiko, c/o Toppan Printing Co.,
Ltd.
Arai, Kunimasa, c/o Toppan Printing Co.,
Ltd.
Konagai, Hiroyuki, c/o Toppan Printing Co.,
Ltd.
(31) 2002376933
(32) 26.12.2002
(33) Japan
-
- (51) C23C 16/02
C23C 16/24
C23C 16/28
C30B 29/06
C30B 29/08
C30B 29/60
H01L 29/788
H01L 29/06
(11) EP1426328
(21) EP03104318.5
(47) 23.05.2018
(22) 21.11.2003
(54) Method for manufacturing of uniformly
sized and controlled semi-conductor nano
structures by CVD process on dielectric
(73) Commissariat à l'Énergie Atomique et aux
Énergies Alternatives
(72) Mazen, Frédéric
Baron, Thierry
Hartmann, Jean-Michel
Semeria, Marie-Noëlle
(31) 0214658
(32) 22.11.2002
(33) France
-
- (51) C23C 16/30
C23C 16/40
(11) EP2228465
(21) EP10156553.9
(47) 23.05.2018
(22) 15.03.2010
(54) Methods for making dielectric films
comprising silicon
(73) Versum Materials US, LLC
(72) Yang, Liu
Xiao, Manchao
Cuthill, Kirk Scott
Han, Bing
O'Neill, Mark Leonard
(31) 159939
717572
(32) 13.03.2009
04.03.2010
(33) United States of America
United States of America
-
- (51) C23C 18/12
H01L 31/0392
H01L 31/18
(11) EP3084038
(21) EP14833559.9
(47) 23.05.2018
(87) US2014071384
25.06.2015
(22) 19.12.2014
(54) WEB BASED CHEMICAL BATH
DEPOSITION APPARATUS
(73) Nuvosun, Inc.
(72) HACHTMANN, Bruce
CLOVER, Preston
HOLLARS, Dennis
WALL, Arthur, C.
TAYLOR, Rocky
PENG, Gang, Grant
(31) 201361918719 P
(32) 20.12.2013
(33) United States of America
-
- (51) C23C 18/40
(11) EP3049550
(21) EP14761890.4
(47) 23.05.2018
(87) EP2014069410
02.04.2015
(22) 11.09.2014
(54) METHOD FOR DEPOSITING A COPPER
SEED LAYER ONTO A BARRIER LAYER
AND COPPER PLATING BATH
(73) Atotech Deutschland GmbH
(72) DAMMASCH, Matthias
HARYONO, Marco
KARASAHIN, Sengül
SCHREIER, Hans-Jürgen
(31) 13185862
(32) 25.09.2013
(33) European Patent Office (EPO)
-
- (51) C23C 22/53
C23C 22/46
(11) EP1944390
(21) EP06811410.7
(47) 23.05.2018
(87) JP2006320083
19.04.2007
(22) 06.10.2006
(54) TREATMENT SOLUTION FOR FORMING
BLACK HEXAVALENT CHROMIUM-
FREE CHEMICAL CONVERSION
COATING FILM ON ZINC OR ZINC
ALLOY
(73) DIPSOL CHEMICALS CO., LTD.
(72) YAMAMOTO, Tomitaka
OKABE, Naoki
(31) 2005295473
(32) 07.10.2005
(33) Japan
-
- (51) C23C 24/08
C22C 9/02
F16C 33/12
C23C 28/00
C23C 28/02
(11) EP2951333
(21) EP14703552.1
(47) 23.05.2018
(87) EP2014051280
07.08.2014
(22) 23.01.2014
(54) METALLIC COMPOSITE MATERIAL
FOR A SLIDING BEARING COMPRISING
A METALLIC SUPPORT LAYER
(73) KS Gleitlager GmbH
(72) PUCHER, Dr. Klaus
SCHUBERT, Werner
(31) 102013201720
(32) 01.02.2013
(33) Germany
-
- (51) C23C 26/00
B22D 17/20
B23K 9/00
B23K 9/04
B23K 35/30
B32B 15/01
C22C 19/05
C22C 19/07
C22C 30/00
C22C 23/00
B23K 35/365
B23K 35/00
(11) EP2899297
(21) EP13838716.2
(47) 23.05.2018
(87) JP2013075769
27.03.2014
(22) 24.09.2013
(54) COATING STRUCTURE MATERIAL
(73) The Japan Steel Works, Ltd.
(72) TAKASAWA, Kouichi
MAEDA, Eiji
TANAKA, Shinji
TAKAHASHI, Tatsuya
(31) 2012210214
(32) 24.09.2012
(33) Japan
-
- (51) C23C 28/00
C23C 2/26
C23C 30/00
(11) EP2365108
(21) EP11169291.9
(47) 23.05.2018
(22) 11.12.2006
(54) A steel wire rope for use in a drive system
(73) Bekaert Advanced Cords Aalter NV
(72) Vanbrabant, Johan
Vandenbranden, Wouter
Lefebvre, Dominique
Bruyneel, Paul

| | | |
|--|--------------------------------------|---|
| Vancompernelle, Stijn | (11) EP2776610 | (72) CHAKRABORTY, Soma |
| (31) 05112555 | (21) EP12783612.0 | AGRAWAL, Gaurav |
| (32) 21.12.2005 | (47) 23.05.2018 | DIGIOVANNI, Anthony A. |
| (33) European Patent Office (EPO) | (87) EP2012072318 | (31) 324142 P |
| (51) C23F 11/08 | 16.05.2013 | (32) 14.04.2010 |
| C23F 11/18 | (22) 09.11.2012 | (33) United States of America |
| F01D 5/28 | (54) METHOD FOR MEASURING SURFACE | (51) D01F 1/10 |
| F16L 58/08 | PROFILES IN WORKING ALUMINIUM | D01F 6/62 |
| F22B 37/02 | ELECTROLYSIS CELLS | (11) EP2963162 |
| F22B 37/10 | (73) SGL CFL CE GmbH | (21) EP14175252.7 |
| C08K 5/098 | (72) PACHARZYNA, Rafal | (47) 23.05.2018 |
| (11) EP2503030 | ORACZ, Tomasz | (22) 01.07.2014 |
| (21) EP10830047.6 | (31) 11188899 | (54) Multifilament polyester fibres |
| (47) 23.05.2018 | (32) 11.11.2011 | (73) Omya International AG |
| (87) JP2010070355 | (33) European Patent Office (EPO) | (72) Brunner, Martin |
| 19.05.2011 | (51) C25D 3/64 | Hirsiger, Christoph |
| (22) 16.11.2010 | C25D 7/00 | Pullea, Francesco |
| (54) CORROSION RESISTANT STRUCTURE | C22C 5/06 | Rentsch, Samuel |
| AND CORROSION PROTECTION | (11) EP3159435 | Tinkl, Michael |
| METHOD IN HIGH-TEMPERATURE | (21) EP15190885.2 | (51) D01F 2/24 |
| WATER SYSTEM | (47) 23.05.2018 | D01F 6/44 |
| (73) Kabushiki Kaisha Toshiba | (22) 21.10.2015 | D01F 6/88 |
| (72) OKAMURA, Masato | (54) ADDITIVE FOR SILVER PALLADIUM | B01D 15/38 |
| SHIBASAKI, Osamu | ALLOY ELECTROLYTES | (11) EP2959509 |
| NEGISHI, Koji | (73) Umicore Galvanotechnik GmbH | (21) EP13707504.0 |
| YAMAMOTO, Seiji | (72) Weyhmueller, Bernd | (47) 23.05.2018 |
| HIRASAWA, Hajime | Peters, Alexander | (87) US2013026233 |
| YAMAZAKI, Kenji | Manz, Uwe | 21.08.2014 |
| KANEKO, Tetsuji | (51) C25D 15/00 | (22) 14.02.2013 |
| (31) 2009260933 | H01L 33/64 | (54) ELECTROSPUN HYBRID NANOFIBRE |
| (32) 16.11.2009 | C23C 18/16 | FELT, METHOD FOR MAKING THE |
| (33) Japan | H01L 33/00 | SAME, AND METHOD FOR PURIFYING |
| (51) C25B 1/30 | H01L 33/50 | BIOMOLECULES |
| C02F 1/46 | (11) EP2223349 | (73) NANOPAREIL, LLC |
| C25B 9/08 | (21) EP08852343.6 | Menkhaus, Todd |
| (11) EP3041976 | (47) 23.05.2018 | Fong, Hao |
| (21) EP14777902.9 | (87) GB2008051072 | (72) MENKHAUS, Todd |
| (47) 23.05.2018 | 28.05.2009 | FONG, Hao |
| (87) NL2014050602 | (22) 17.11.2008 | (51) D01F 9/00 |
| 12.03.2015 | (54) METHOD FOR FABRICATING A | C08L 5/00 |
| (22) 04.09.2014 | THERMAL EXPANSION COEFFICIENT | C08L 5/02 |
| (54) ELECTROCHEMICAL PRODUCTION OF | MATCHING SUBSTRATE FOR HIGH | (11) EP2764145 |
| HYDROGEN PEROXIDE | POWER LED USING A METAL | (21) EP12773473.9 |
| (73) Stichting Wageningen Research | COMPOSITE, AND HIGH POWER | (47) 23.05.2018 |
| (72) BISSELINK, Roel Johannes Martinus | LED HAVING A METAL COMPOSITE | (87) US2012058850 |
| VAN ERKEL, Joost | SUBSTRATE FABRICATED BY SAID | 11.04.2013 |
| (31) 13183009 | METHOD | (22) 05.10.2012 |
| (32) 04.09.2013 | (73) Wang, Wang Nang | (54) NOVEL COMPOSITION FOR |
| (33) European Patent Office (EPO) | (72) Wang, Wang Nang | PREPARING POLYSACCHARIDE |
| (51) C25B 11/00 | (31) 942109 | FIBERS |
| C25B 11/02 | (32) 19.11.2007 | (73) E. I. du Pont de Nemours and Company |
| C25B 1/26 | (33) United States of America | (72) O'BRIEN, John, P. |
| (11) EP3169829 | (51) C30B 29/04 | OPPER, Kathleen |
| (21) EP15738374.6 | B01J 3/06 | (31) 201161543423 P |
| (47) 23.05.2018 | C09K 3/14 | (32) 05.10.2011 |
| (87) EP2015066378 | B23B 27/20 | (33) United States of America |
| 21.01.2016 | C04B 35/52 | (51) D04H 1/00 |
| (22) 17.07.2015 | C04B 37/02 | D04H 13/00 |
| (54) ELECTROCATALYTIC GENERATION OF | (11) EP2558408 | A44B 18/00 |
| CHLORINE DIOXIDE | (21) EP11769288.9 | (11) EP2636782 |
| (73) Industrie De Nora S.P.A. | (47) 23.05.2018 | (21) EP13170713.5 |
| (72) HARDEE, Kenneth, L. | (87) US2011030924 | (47) 23.05.2018 |
| (31) 201462025557 P | 20.10.2011 | (22) 02.04.2008 |
| (32) 17.07.2014 | (22) 01.04.2011 | (54) Loop Material for Loop and Hook type |
| (33) United States of America | (54) METHOD OF PREPARING | fastener used in a disposable Article or |
| (51) C25C 3/20 | POLYCRYSTALLINE DIAMOND FROM | Garment |
| G01S 5/16 | DERIVATIZED NANODIAMOND | (73) Aplix Inc. |
| C25C 3/08 | (73) Baker Hughes, a GE company, LLC | Dounor Sas |

| | | |
|--|--|---|
| (72) Lester, Donald, H., Jr Hoyas, Stéphanie | D04H 18/02 | (51) D06M 11/00 |
| (31) 912244 P 60590 | (11) EP3165660 | D06M 11/74 |
| (32) 17.04.2007 01.04.2008 | (21) EP15193390.0 | D06M 11/47 |
| (33) United States of America United States of America | (47) 23.05.2018 | D06M 11/53 |
| (51) D04H 1/425 | (22) 06.11.2015 | D06M 11/82 |
| D04H 1/541 | (54) NEEDLE BOARD | D06P 1/00 |
| D04H 1/732 | (73) Oskar Dilo Maschinenfabrik KG | D06P 1/44 |
| (11) EP3009551 | (72) Knopf, Trudbert | C09D 5/18 |
| (21) EP15189747.7 | (51) D06F 33/02 | C09D 17/00 |
| (47) 23.05.2018 | D06F 39/02 | C09K 21/00 |
| (22) 14.10.2015 | A47L 15/00 | C08K 3/00 |
| (54) METHOD FOR FORMING A TEXTILE MATERIAL BY THE USE OF HEMP AND FIBRE REINFORCED COMPOSITE MATERIAL FROM THIS TEXTILE MATERIAL | A47L 15/44 | (11) EP2900776 |
| (73) Schneider, Frank | (11) EP2545216 | (21) EP13841598.9 |
| (72) Schneider, Rolf | (21) EP10745622.0 | (47) 23.05.2018 |
| Schneider, Frank | (47) 23.05.2018 | (87) US2013062362 |
| Rauer, Andreas | (87) EP2010062236 | 03.04.2014 |
| Gulich, Bernd | 15.09.2011 | (22) 27.09.2013 |
| (31) 102014115138 | (22) 23.08.2010 | (54) FLAME RETARDANT PIGMENT PASTE COMPOSITION |
| (32) 17.10.2014 | (54) METHOD FOR OPERATING A DOSING SYSTEM INSIDE A WATER-GUIDING HOUSEHOLD APPLIANCE | (73) Saint-Gobain ADFORS Canada, Ltd. |
| (33) Germany | (73) Henkel AG & Co. KGaA | (72) LI, Chuanping |
| (51) D04H 1/435 | (72) BASTIGKEIT, Thorsten | WANG, Fei |
| D04H 1/55 | KESSLER, Arnd | ORF, Nicholas D. |
| (11) EP3015582 | NITSCH, Christian | HAYOUN, Pascaline |
| (21) EP15162186.9 | EICHHOLZ, Heinz-Dieter | (31) 201261706884 P |
| (47) 23.05.2018 | OTT, Elmar | (32) 28.09.2012 |
| (22) 01.04.2015 | (31) 102010002674 | (33) United States of America |
| (54) MOLDABLE FABRIC COMPRISING PETG | (32) 09.03.2010 | (51) D06N 3/00 |
| (73) Nonwoven Network LLC | (33) Germany | A47L 13/16 |
| (72) Foss, Stephen W. | (51) D06F 37/22 | A47L 13/17 |
| Turra, Jean-Marie | (11) EP2955263 | D06N 3/10 |
| (31) 201462072305 P | (21) EP15159849.7 | D06M 23/08 |
| 201514633578 | (47) 23.05.2018 | (11) EP3056604 |
| (32) 29.10.2014 | (22) 19.03.2015 | (21) EP16000289.5 |
| 27.02.2015 | (54) LAUNDRY MACHINE | (47) 23.05.2018 |
| (33) United States of America | (73) LG Electronics Inc. | (22) 05.02.2016 |
| United States of America | (72) Kim, Kyeonghwan | (54) PLASTER, WASHING AND/OR POLISHING SUBSTRATE CONSISTING OF TEXTILE AND/OR NON-WOVEN AND/OR SPONGY STRUCTURES FOR CLEANING SURFACES OF ANY TYPE WITH ANTIMICROBIAL PROPERTIES |
| (51) D04H 11/08 | Kim, Sungryong | (73) REZI Microfaserprodukte GmbH |
| A44B 18/00 | Kim, Jaehyun | (72) Bechtold, Thomas |
| D04H 18/02 | (31) 20140069245 | Intemann, Walter |
| D04H 1/485 | 20140069246 | (31) 102015001669 |
| (11) EP3250740 | (32) 09.06.2014 | (32) 11.02.2015 |
| (21) EP16702691.3 | 09.06.2014 | (33) Germany |
| (47) 23.05.2018 | (33) Korea (Republic) | (51) D06P 5/00 |
| (87) EP2016051911 | Korea (Republic) | G09F 3/02 |
| 04.08.2016 | (51) D06F 37/22 | B44C 1/17 |
| (22) 29.01.2016 | D06F 39/12 | (11) EP2270277 |
| (54) NEEDLING FIBROUS WEBS | (11) EP2435619 | (21) EP10011749.8 |
| (73) VELCRO BVBA | (21) EP10780819.8 | (47) 23.05.2018 |
| (72) GALLANT, Christopher M. | (47) 23.05.2018 | (22) 02.12.2003 |
| BARKER, James R. | (87) KR2010003404 | (54) HEAT-TRANSFER LABEL |
| KOPANSKI, Gregory K. | 02.12.2010 | (73) AVERY DENNISON CORPORATION |
| FULLER, David Erick | (22) 28.05.2010 | (72) Tsai, Kuolih |
| (31) 201514610625 | (54) LAUNDRY MACHINE | Hseih, Dong-Tsai |
| 201514972234 | (73) LG Electronics Inc. | Ferguson, Scott Wayne |
| (32) 30.01.2015 | (72) KWON, Ig Geun | Shu, Li |
| 17.12.2015 | CHOI, Jae Hyun | Edwards, N. David |
| (33) United States of America | KIM, Soo Bong | Morgenthau, Alan |
| United States of America | (31) 20090047192 | Chiao, Yi-Hung |
| (51) D04H 18/00 | 20090079948 | (31) 430216 P |
| | 20100047879 | 453661 P |
| | (32) 28.05.2009 | (32) 02.12.2002 |
| | 27.08.2009 | 11.03.2003 |
| | 24.05.2010 | |
| | (33) Korea (Republic) | |
| | Korea (Republic) | |
| | Korea (Republic) | |

| | | |
|--|---|--|
| (33) United States of America United States of America | 813051 (32) 09.07.2009 10.06.2010 | (47) 23.05.2018 (87) US2014054536 12.03.2015 |
| (51) D21C 9/00 D21C 3/04 D21C 3/06 | (33) United States of America United States of America | (22) 08.09.2014 (54) HIGH MOLECULAR WEIGHT AND HIGH CATIONIC CHARGEGLYOXALATEDPOLYACRYLAMIDE COPOLYMERS, AND THEIR METHODS OF MANUFACTURE AND USE |
| (11) EP2898141 (21) EP12885040.1 (47) 23.05.2018 (87) CA2012050658 27.03.2014 (22) 20.09.2012 (54) PROCESS FOR MAKING PARTLY- HYDROLYZED CELLULOSE USING COMPRESSED CELLULOSIC MATERIALS | (51) D21H 17/17 C07C 49/88 C07D 305/12 D21H 19/18 D21H 19/44 D21H 19/46 A61K 31/365 D21H 19/28 D21H 21/16 (11) EP2917405 (21) EP13789104.0 (47) 23.05.2018 (87) US2013066339 15.05.2014 (22) 23.10.2013 (54) COMPOSITION AND USE OF HYDROGENATED ALKYL KETENE DIMERS | (73) BASF SE (72) WRIGHT, Matthew D. (31) 201361875490 P (32) 09.09.2013 (33) United States of America |
| (73) Noram Engineering and Constructors Ltd (72) LOCKHART, James M. WEARING, James T. GULAMHUSEIN, Ali HOBENSHIELD, Evan J. DEVRIES, Durk | (31) 201261723960 P (32) 08.11.2012 (33) United States of America | (51) E01C 3/00 E01C 3/04 E01C 7/35 E01C 7/36 E01C 11/00 E01C 21/00 E01C 23/06 C04B 111/00 C04B 26/16 C08G 18/10 C08G 18/32 C08G 18/76 (11) EP2834417 (21) EP13772787.1 (47) 23.05.2018 (87) US2013035137 10.10.2013 (22) 03.04.2013 (54) POLYURETHANE BASED ROADWAY FORMING |
| (51) D21F 1/00 D21F 11/04 D21F 1/48 D21F 1/52 D21F 9/00 (11) EP2212471 (21) EP08854819.3 (47) 23.05.2018 (87) FI2008050627 04.06.2009 (22) 04.11.2008 (54) FORMING SECTION (73) Valmet Technologies, Inc. (72) TURPEINEN, Hannu POIKOLAINEN, Antti RÄISÄNEN, Kari (31) 20075851 (32) 28.11.2007 (33) Finland | (31) 201261700338 P (32) 03.04.2012 13.09.2012 (33) United States of America United States of America | (51) E02B 3/10 E04H 9/14 (11) EP2619371 (21) EP11808146.2 (47) 23.05.2018 (87) DE2011001755 05.04.2012 (22) 21.09.2011 (54) FLOOD BARRIER (73) Wibbeler, Hartmut (72) Wibbeler, Hartmut (31) 102010046504 (32) 24.09.2010 (33) Germany |
| (51) D21F 7/08 (11) EP3235949 (21) EP17166503.7 (47) 23.05.2018 (22) 13.04.2017 (54) PAPERMAKING FELT (73) Ichikawa Co., Ltd. (72) OGIWARA, Yasuyuki (31) 2016096481 2017056503 (32) 21.04.2016 22.03.2017 (33) Japan Japan | (11) EP2561137 (21) EP11716481.4 (47) 23.05.2018 (87) EP2011001959 27.10.2011 (22) 18.04.2011 (54) BINDERS (73) Cargill, Incorporated (72) MARAKAINEN, Timo ROUX, Rudy (31) 10004205 (32) 21.04.2010 (33) European Patent Office (EPO) | (51) E02D 17/13 (11) EP3208384 (21) EP16156107.1 (47) 23.05.2018 (22) 17.02.2016 (54) GROOVE WALL DEVICE AND METHOD FOR MAKING GROOVES IN THE GROUND (73) BAUER Maschinen GmbH (72) HERRMANN, Christian HUBER, Ludwig Andreas WEIXLER, Leonhard |
| (51) D21G 1/00 D21G 9/00 D21F 5/04 (11) EP2273007 (21) EP10168258.1 (47) 23.05.2018 (22) 02.07.2010 (54) Apparatus and method for stabilizing a moving web (73) Andritz Paper Machinery Ltd. (72) Chamberland, Alain Chang, Rudy Guadagno, Joseph (31) 244190 P | (51) D21H 17/55 D21H 17/49 D21H 17/37 C08L 33/26 D21H 17/45 D21H 17/54 D21H 19/12 D21H 19/20 D21H 19/24 D21H 21/18 D21H 21/20 D21H 23/04 D21H 23/24 (11) EP3044365 (21) EP14842081.3 | |

- (51) E02D 27/42
(11) EP3051029
(21) EP16152735.3
(47) 23.05.2018
(22) 26.01.2016
(54) FOUNDATION PILE WHICH IS VIBRATED INTO A SUBSTRATUM
(73) innogy SE
(72) BARTMINN, Daniel
HERWIG, Volker
(31) 102015201557
(32) 29.01.2015
(33) Germany
-
- (51) E02F 5/14
E02F 3/08
E02F 5/06
(11) EP2791426
(21) EP12808453.0
(47) 23.05.2018
(87) GB2012053144
20.06.2013
(22) 14.12.2012
(54) TRENCH CUTTING APPARATUS AND METHOD
(73) IHC Engineering Business Limited
(72) MANCHESTER, Jonathan Ralph
(31) 201121516
(32) 14.12.2011
(33) United Kingdom
-
- (51) E02F 7/10
B65G 43/08
G05D 7/06
F16L 55/00
E02F 3/90
(11) EP2985389
(21) EP13878534.0
(47) 23.05.2018
(87) KR2013009192
16.10.2014
(22) 15.10.2013
(54) DREDGED SOIL TRANSPORTING SYSTEM AND METHOD FOR CONTROLLING SAME
(73) Korea Institute Of Ocean Science & Technology
(72) YOON, Gil Lim
KIM, Yu Seung
(31) 20130038544
(32) 09.04.2013
(33) Korea (Republic)
-
- (51) E03B 1/02
E03B 7/00
E03B 7/07
G06Q 50/06
E02D 29/12
(11) EP2752525
(21) EP12803949.2
(47) 23.05.2018
(87) JP2012066258
03.01.2013
(22) 26.06.2012
(54) Piping sensor
(73) Kurata, Sakuji
Kurata, Masako
(72) Kurata, Sakuji
Kurata, Masako
(31) 2011146707
(32) 30.06.2011
-
- (33) Japan
-
- (51) E03C 1/042
(11) EP2816160
(21) EP14002823.4
(47) 23.05.2018
(22) 06.07.2013
(54) Wall-mounted tap with water connections having adjustable distance
(73) Hansa Armaturen GmbH
(72) Harsch, Martin
(31) 102012014705
(32) 21.07.2012
(33) Germany
-
- (51) E03D 5/10
E03C 1/05
(11) EP2886727
(21) EP14004250.8
(47) 23.05.2018
(22) 16.12.2014
(54) Sanitary fitting and method for supply of energy to such a fitting
(73) Grohe AG
(72) Schönbeck, Heike
Mielke, Achim
(31) 102013021273
(32) 17.12.2013
(33) Germany
-
- (51) E03F 1/00
(11) EP3122951
(21) EP15714447.8
(47) 23.05.2018
(87) EP2015056780
01.10.2015
(22) 27.03.2015
(54) PNEUMATIC CONTROL VALVE FOR SANITARY DEVICE
(73) Evac GmbH
(72) OREMEK, Peter
AUTZEN, Matthias
(31) 202014002712 U
(32) 28.03.2014
(33) Germany
-
- (51) E04B 1/61
(11) EP2220302
(21) EP07843604.5
(47) 23.05.2018
(87) US2007080072
09.04.2009
(22) 01.10.2007
(54) APPARATUS FOR CONNECTING PANELS
(73) SABIC Global Technologies B.V.
(72) THIAGARAJAN, Chinniah
ANDRIAANSEN, Frans
KUMAR, Bhawesh
-
- (51) E04B 2/02
E01C 5/00
E01C 1/00
E04B 1/02
E04B 2/08
E04C 1/00
(11) EP2622146
(21) EP11827826.6
(47) 23.05.2018
(87) AU2011001256
05.04.2012
(22) 30.09.2011
-
- (54) CONSTRUCTION BLOCK
(73) Tetraloc Pty Ltd (ACN 153 060 498)
(72) DYSKIN, Arcady Victorovich
PASTEMAK, Elena
ESTRIN, Juri Sacharowitsch
YONG, David Hsien Ta
KHOR, Han Chuan
(31) 2010904412
(32) 01.10.2010
(33) Australia
-
- (51) E04C 2/288
E04C 2/32
B32B 5/02
B32B 27/12
B32B 27/30
C04B 28/02
E04B 2/86
C04B 111/00
(11) EP2749705
(21) EP13198748.9
(47) 23.05.2018
(22) 20.12.2013
(54) Building panel
(73) Austrotherm GmbH
(72) Jandl, Johann
(31) 506282012
(32) 28.12.2012
(33) Austria
-
- (51) E04C 2/54
E04B 1/76
E04B 5/46
(11) EP2878741
(21) EP14192854.9
(47) 23.05.2018
(22) 12.11.2014
(54) Construction element in the form of a sandwich insulation panel with an external glass-like panel
(73) seele product holding GmbH
(72) SEELE, Gerhard
(31) 102013223580
(32) 19.11.2013
(33) Germany
-
- (51) E04D 12/00
E04B 1/62
E04B 1/80
B32B 27/18
B32B 27/12
(11) EP2701907
(21) EP12726188.1
(47) 23.05.2018
(87) IB2012052080
01.11.2012
(22) 26.04.2012
(54) SHEET FOR WATERPROOFING WALLS, GARRETS OF BUILDINGS AND INSULATING PANELS SUITABLE FOR LIMITING THE PROLIFERATION OF MICROORGANISMS AND INSECTS
(73) Silcart S.p.A.
(72) FAOTTO, Ugo
(31) MI20110695
(32) 26.04.2011
(33) Italy
-
- (51) E04D 13/03
(11) EP3045607
(21) EP16151177.9
(47) 23.05.2018

| | | |
|--|--|--|
| (22) 14.01.2016 | (32) 14.09.2015 | E05B 81/74 |
| (54) INSTALLATION ELEMENT FOR A SKYLIGHT AND SKYLIGHT ASSEMBLY WITH A SKYLIGHT AND INSTALLATION ELEMENT | (33) Germany | (11) EP2703581 |
| (73) ROTO FRANK AG | (51) E05B 19/06 | (21) EP12776624.4 |
| (72) Möslang, Daniel | E05B 19/12 | (47) 23.05.2018 |
| Lieb, Christian | E05B 27/02 | (87) JP2012060144 |
| Klöpfer, Hannes | (11) EP2998471 | 01.11.2012 |
| Reh, Sören | (21) EP15191606.1 | (22) 13.04.2012 |
| Moll, Frank | (47) 23.05.2018 | (54) DOOR LOCKING DEVICE |
| (31) 102015000598 | (22) 09.07.2014 | (73) Aisin Seiki Kabushiki Kaisha |
| (32) 16.01.2015 | (54) KEY AND LOCK CYLINDER WITH KEY | (72) YAMAGUCHI Atsushi |
| (33) Germany | (73) ASSA ABLOY (Schweiz) AG | TADA Takeshi |
| (51) E04D 13/12 | (72) WILD, Thomas | (31) 2011100907 |
| E04G 21/32 | SPRENGER, Detlef | 2011100908 |
| F16B 13/08 | (31) 13175907 | (32) 28.04.2011 |
| (11) EP2689079 | (32) 10.07.2013 | 28.04.2011 |
| (21) EP12709071.0 | (33) European Patent Office (EPO) | (33) Japan |
| (47) 23.05.2018 | (51) E05B 47/06 | Japan |
| (87) EP2012054275 | E05B 47/00 | (51) E05C 7/04 |
| 27.09.2012 | E05B 9/04 | E05F 1/10 |
| (22) 12.03.2012 | (11) EP2927396 | E05F 5/12 |
| (54) FASTENING ARRANGEMENT | (21) EP15157625.3 | (11) EP2812520 |
| (73) Capital Safety Group (Northern Europe) Limited | (47) 23.05.2018 | (21) EP13746011.9 |
| (72) LUKE, Simon | (22) 04.03.2015 | (47) 23.05.2018 |
| (31) 201104974 | (54) Coupling assembly for lock cylinder with barrel spring | (87) US2013025399 |
| (32) 24.03.2011 | (73) DOM Sicherheitstechnik GmbH & Co. KG | 15.08.2013 |
| (33) United Kingdom | (72) Kaiser, Thomas | (22) 08.02.2013 |
| (51) E04F 15/04 | Knie, Ottmar | (54) SAFETY CABINET WITH SEQUENTIAL DOOR-CLOSING SYSTEM |
| E04F 15/02 | Reddig, Stephan | (73) Justrite Manufacturing Company, L.L.C. |
| (11) EP2749710 | Veelmann, Martin | (72) Mueller, Wesley J. |
| (21) EP13193322.8 | (31) 102014104793 | Deedrich, Dennis Michael |
| (47) 23.05.2018 | (32) 03.04.2014 | Auer, Ronald Frank |
| (22) 14.04.2006 | (33) Germany | Bunting, Jeffrey Dale |
| (54) Floor panel and flooring system | (51) E05B 55/00 | (31) 201261596462 P |
| (73) Yekalon Industry Inc. | E05B 17/00 | (32) 08.02.2012 |
| (72) Du, Yongsheng | E05B 15/10 | (33) United States of America |
| (51) E04H 12/22 | (11) EP3106593 | (51) E05C 9/20 |
| E02D 27/42 | (21) EP16173094.0 | F16B 21/08 |
| E01F 9/60 | (47) 23.05.2018 | E05C 9/22 |
| F03D 13/20 | (22) 06.06.2016 | (11) EP2273047 |
| (11) EP2737143 | (54) LOCK WITH SOUND INSULATION | (21) EP10168668.1 |
| (21) EP13729010.2 | (73) ASSA ABLOY (Schweiz) AG | (47) 23.05.2018 |
| (47) 23.05.2018 | (72) Saner, Roger | (22) 07.07.2010 |
| (87) EP2013061846 | (31) 102015109005 | (54) Drive rod with a connection element |
| 23.01.2014 | (32) 08.06.2015 | (73) ROTO FRANK AG |
| (22) 07.06.2013 | (33) Germany | (72) Riznik, Peter |
| (54) DEVICE FOR ANCHORING CONSTRUCTIONS IN THE GROUND | (51) E05B 59/00 | Schmidt, Andreas |
| (73) Kellner, Peter | E05B 13/00 | (31) 42109 U |
| (72) Kellner, Peter | E05B 15/00 | (32) 08.07.2009 |
| (31) 102012212700 | (11) EP3192950 | (33) Austria |
| (32) 19.07.2012 | (21) EP16207459.5 | (51) E05D 11/10 |
| (33) Germany | (47) 23.05.2018 | E05F 1/10 |
| (51) E05B 3/00 | (22) 30.12.2016 | (11) EP2954138 |
| E05C 9/02 | (54) LOCK | (21) EP13828903.8 |
| E05B 3/04 | (73) Roto Frank AG | (47) 23.05.2018 |
| (11) EP3141677 | (72) Trummer, Hannes | (87) AT2013000214 |
| (21) EP16184197.8 | (31) 5000616 U | 14.08.2014 |
| (47) 23.05.2018 | (32) 14.01.2016 | (22) 23.12.2013 |
| (22) 15.08.2016 | (33) Austria | (54) ACUTATING DRIVE FOR MOVING A MOVEABLE FURNITURE PART |
| (54) HANDLE FOR DRIVING A CONNECTING ROD LINER | (51) E05B 81/06 | (73) Julius Blum GmbH |
| (73) Aug. Winkhaus GmbH & Co. KG | E05B 81/04 | (72) BALDREICH, Armin |
| (72) Niehues, Stefan | E05B 81/16 | HÄMMERLE, Kurt |
| (31) 102015217540 | E05B 81/34 | (31) 1032013 |
| | E05B 83/36 | (32) 08.02.2013 |
| | E05B 85/06 | (33) Austria |
| | E05B 77/18 | (51) E05D 15/06 |
| | E05B 81/42 | (11) EP2381056 |

| | | |
|--|---|---|
| (21) EP10160427.0 | E06B 7/00 | (33) Germany |
| (47) 23.05.2018 | E04B 1/82 | (51) E06B 9/52 |
| (22) 20.04.2010 | E04B 1/94 | E06B 9/262 |
| (54) Floor guide for a side sectional door | E06B 1/62 | (11) EP3124735 |
| (73) ASSA ABLOY Entrance Systems AB | (11) EP2913470 | (21) EP16181940.4 |
| (72) Nitzl, Andreas | (21) EP13848319.3 | (47) 23.05.2018 |
| Breitenbach, Ralf | (47) 23.05.2018 | (22) 29.07.2016 |
| (51) E05D 15/56 | (87) KR2013008948 | (54) PLEATED INSECT SCREEN DEVICE |
| E05F 15/632 | 01.05.2014 | AND METHOD OF MOUNTING |
| E05F 15/652 | (22) 07.10.2013 | THEREOF |
| (11) EP3255233 | (54) FILLING MATERIAL, WINDOW, AND | (73) B.V. Aluminium Verkoop Zuid (A.V.Z.) |
| (21) EP17001304.9 | FILLING METHOD | (72) Terhoeve, Marinus Henricus |
| (47) 23.05.2018 | (73) Korea Institute of Construction Technology | (31) 2015241 |
| (22) 07.02.2017 | (72) HAN, Jae-yong | (32) 30.07.2015 |
| (54) DRIVE WITH A DISPLACEMENT | KUM, Si-won | (33) Netherlands |
| DEVICE FOR A SLIDING WING AS | KANG, Jae-sik | (51) E21B 4/02 |
| LIFTING/SLIDING/TILT WING OR | (31) 20120119791 | F03B 13/02 |
| LIFTING/SLIDING WING | (32) 26.10.2012 | E21B 28/00 |
| (73) SIEGENIA-AUBI KG | (33) Korea (Republic) | E21B 31/00 |
| (72) Pai-Soler, Erich | (51) E06B 3/673 | (11) EP2925950 |
| (31) 202016001381 U | E06B 3/663 | (21) EP13859402.3 |
| (32) 03.03.2016 | C03C 27/06 | (47) 23.05.2018 |
| (33) Germany | (11) EP2918766 | (87) US2013071997 |
| (51) E05F 3/04 | (21) EP15154673.6 | 05.06.2014 |
| E05C 17/16 | (47) 23.05.2018 | (22) 26.11.2013 |
| E05F 5/02 | (22) 13.02.2012 | (54) DOWNHOLE PULSE GENERATING |
| E05C 17/52 | (54) Localized heating techniques incorporating | DEVICE FOR THROUGH-BORE |
| (11) EP2788569 | tunable infrared element(s) for vacuum | OPERATIONS |
| (21) EP12855691.7 | insulating glass units, and/or apparatuses for | (73) National Oilwell Varco, L.P. |
| (47) 23.05.2018 | same | (72) GILLEYLEN, Russell |
| (87) US2012060644 | (73) Guardian Glass, LLC | GHSANSYAM, Haresh |
| 13.06.2013 | (72) Cooper, David J. | STREATER, James R., Jr. |
| (22) 17.10.2012 | Dear, Ryan L. | SETLUR, Deepthi |
| (54) DOOR DAMPING MECHANISM | Miller, Robert A. | KITCHING, Alan H. |
| (73) Anthony, Inc. | (31) 929876 | WAAS, Shiran |
| (72) WACH, Ryan, Robert | (32) 22.02.2011 | GILBERTSON, Murray |
| ROCHE, John, Michael | (33) United States of America | (31) 201261732049 P |
| MADIREDDI, Sesha | (51) E06B 9/32 | (32) 30.11.2012 |
| KUNAPULI, Raghujit | E06B 9/322 | (33) United States of America |
| (31) 201113315155 | E06B 9/324 | (51) E21B 7/00 |
| 201213458901 | E06B 9/78 | E21B 10/44 |
| (32) 08.12.2011 | F16H 31/00 | A01K 97/01 |
| 27.04.2012 | E06B 9/262 | (11) EP3184728 |
| (33) United States of America | (11) EP3152381 | (21) EP15201831.3 |
| United States of America | (21) EP15707478.2 | (47) 23.05.2018 |
| (51) E05F 15/40 | (47) 23.05.2018 | (22) 22.12.2015 |
| E06B 9/82 | (87) US2015016044 | (54) ICE AUGER |
| G01B 7/14 | 17.12.2015 | (73) Rapala Vmc Corporation |
| E05F 15/48 | (22) 16.02.2015 | (72) ROIKONEN, Jukka |
| E06B 9/58 | (54) WINDOW SHADE AND ACTUATING | LEHTONEN, Samuel |
| E06B 9/68 | SYSTEM THEREOF | (51) E21B 10/62 |
| (11) EP2909414 | (73) Teh Yor Co., Ltd. | E21B 10/02 |
| (21) EP13849346.5 | (72) HUANG, Chin-Tien | (11) EP2986804 |
| (47) 23.05.2018 | YU, Fu-Lai | (21) EP14785132.3 |
| (87) US2013065635 | (31) 201462009361 P | (47) 23.05.2018 |
| 01.05.2014 | (32) 09.06.2014 | (87) US2014034493 |
| (22) 18.10.2013 | (33) United States of America | 23.10.2014 |
| (54) DETECTION SYSTEM FOR DETECTING | (51) E06B 9/52 | (22) 17.04.2014 |
| A STATUS OF A FLEXIBLE ROLL-UP | (11) EP3138990 | (54) DRILL BIT WITH SELF-ADJUSTING |
| DOOR | (21) EP16185159.7 | PADS |
| (73) Rytec Corporation | (47) 23.05.2018 | (73) Baker Hughes, a GE company, LLC |
| (72) SCHUMACHER, Andrew | (22) 22.08.2016 | (72) JAIN, Jayesh, R. |
| EGGERT, Curtis | (54) ANTI-INSECT DEVICE WITH ADAPTER | BILEN, Juan Miguel |
| (31) 201261716811 P | PROFILE STRIP | (31) 201313864926 |
| (32) 22.10.2012 | (73) Bündenbender, Arnd | (32) 17.04.2013 |
| (33) United States of America | (72) Bündenbender, Arnd | (33) United States of America |
| (51) E06B 1/58 | (31) 102015114647 | (51) E21B 10/62 |
| E06B 1/56 | (32) 02.09.2015 | |

| | | |
|--|--------------------------------------|------------------------------------|
| E21B 10/32 | (33) United States of America | (33) United States of America |
| E21B 10/60 | (51) E21B 25/00 | (51) E21B 37/10 |
| (11) EP2721243 | (11) EP2558674 | E21B 37/00 |
| (21) EP12801069.1 | (21) EP11769363.0 | (11) EP3124739 |
| (47) 23.05.2018 | (47) 23.05.2018 | (21) EP16181050.2 |
| (87) US2012042400 | (87) US2011031899 | (47) 23.05.2018 |
| 20.12.2012 | 20.10.2011 | (22) 25.07.2016 |
| (22) 14.06.2012 | (22) 11.04.2011 | (54) APPARATUS AND METHOD FOR |
| (54) EARTH BORING TOOLS INCLUDING | (54) CORING APPARATUS AND METHODS | CLEANING WELLS AND PIPELINES |
| RETRACTABLE PADS, CARTRIDGES | (73) Baker Hughes, a GE company, LLC | (73) WaterElectricEnergy, LLC |
| INCLUDING RETRACTABLE PADS | (72) BEUERSHAUSEN, Christopher C. | (72) VANDIGRIFF, John Edward |
| FOR SUCH TOOLS, AND RELATED | BILEN, Juan Miguel | ORBECK, Einar Arvid |
| METHODS | UHLENBERG, Thomas | (31) 201514756046 |
| (73) Baker Hughes, a GE company, LLC | HABERNAL, Jason | (32) 27.07.2015 |
| (72) OESTERBERG, Marcus | HALL, Larry M. | (33) United States of America |
| (31) 201113160015 | (31) 324194 P | (51) E21B 41/00 |
| (32) 14.06.2011 | (32) 14.04.2010 | E21B 21/00 |
| (33) United States of America | (33) United States of America | B09B 5/00 |
| (51) E21B 19/02 | (51) E21B 29/00 | B63B 25/00 |
| E21B 33/072 | E21B 33/124 | G01G 19/393 |
| (11) EP2957711 | E21B 43/25 | G01G 13/00 |
| (21) EP15172101.6 | E21B 47/04 | (11) EP2126279 |
| (47) 23.05.2018 | E21B 23/02 | (21) EP08743489.0 |
| (22) 15.06.2015 | E21B 43/10 | (47) 23.05.2018 |
| (54) DEVICE AND METHOD FOR FAST | (11) EP2718533 | (87) US2008054250 |
| DEPLOYMENT OF DOWNHOLE TOOL | (21) EP12735594.9 | 28.08.2008 |
| (73) Sercel | (47) 23.05.2018 | (22) 19.02.2008 |
| (72) DECREASESAT, Jérôme | (87) GB2012051298 | (54) WELLBORE MONITOR |
| AFFRE DE SAINT ROMÉ, Ronan | 13.12.2012 | (73) M-I LLC |
| (31) 201462013882 P | (22) 08.06.2012 | (72) BINGHAM, Richard |
| 201414521630 | (54) TUBULAR ASSEMBLY AND METHOD | LOGAN, Gordon, M. |
| (32) 18.06.2014 | OF DEPLOYING A DOWNHOLE DEVICE | EIA, Jan, Thore |
| 23.10.2014 | USING A TUBULAR ASSEMBLY | (31) 890879 P |
| (33) United States of America | (73) Schlumberger B.V. | 32516 |
| United States of America | (72) GORRARA, Andrew | (32) 21.02.2007 |
| (51) E21B 21/015 | WOOD, Peter | 15.02.2008 |
| E21D 20/00 | (31) 201109690 | (33) United States of America |
| B23B 51/00 | (32) 10.06.2011 | United States of America |
| B23Q 11/00 | (33) United Kingdom | (51) E21B 41/00 |
| B25D 17/18 | (51) E21B 33/035 | E21B 47/10 |
| (11) EP2192261 | F16B 13/02 | E21B 33/138 |
| (21) EP09175875.5 | (11) EP2383426 | (11) EP2780542 |
| (47) 23.05.2018 | (21) EP11155666.8 | (21) EP12849146.1 |
| (22) 13.11.2009 | (47) 23.05.2018 | (47) 23.05.2018 |
| (54) METHOD FOR ANCHORING AN | (22) 23.02.2011 | (87) US2012064609 |
| ATTACHMENT ELEMENT | (54) Well production shut down | 23.05.2013 |
| (73) HILTI Aktiengesellschaft | (73) GE Oil & Gas UK Limited | (22) 12.11.2012 |
| (72) Schell, Andreas | (72) Kent, Ian J. | (54) DETECTING AND CORRECTING |
| Bohn, Klaus-Peter | Holley, Stuart Guy | UNINTENDED FLUID FLOW BETWEEN |
| Cramer, Till | HUutchings, Vernon Lester | SUBTERRANEAN ZONES |
| (31) 102008044128 | (31) 201007150 | (73) Landmark Graphics Corporation |
| (32) 27.11.2008 | (32) 29.04.2010 | (72) SWEATMAN, Ronald, E. |
| (33) Germany | (33) United Kingdom | McCOLPIN, Glenn, R. |
| (51) E21B 23/06 | (51) E21B 33/06 | DAVIS, Eric, J. |
| E21B 33/12 | (11) EP2836668 | MARSIC, Scott, D. |
| E21B 33/129 | (21) EP13717691.3 | SAMSON, Etienne, M. |
| E21B 33/134 | (47) 23.05.2018 | (31) 201113300247 |
| (11) EP2706187 | (87) US2013036001 | (32) 18.11.2011 |
| (21) EP13183239.6 | 17.10.2013 | (33) United States of America |
| (47) 23.05.2018 | (22) 10.04.2013 | (51) E21B 43/20 |
| (22) 05.09.2013 | (54) BLOWOUT PREVENTER LOCKING | B01F 1/00 |
| (54) Standoff device for downhole tools using slip | DOOR ASSEMBLY AND METHOD OF | C02F 1/68 |
| elements | USING SAME | (11) EP1934429 |
| (73) Weatherford Technology Holdings, LLC | (73) National Oilwell Varco, L.P. | (21) EP06783999.3 |
| (72) Young, Jonathan Allen | (72) JAHNKE, Douglas, A. | (47) 23.05.2018 |
| Rochen, James Alan | (31) 201261622443 P | (87) NO2006000319 |
| (31) 201213605239 | (32) 10.04.2012 | 29.03.2007 |
| (32) 06.09.2012 | | (22) 18.09.2006 |

| | | |
|---|--|---|
| (54) METHOD AND DEVICE FOR DOSING OF CHEMICALS INTO INJECTION WATER | 31.10.2013 | 07.02.2013 |
| (73) SEABOX AS | (22) 16.04.2013 | (22) 25.07.2012 |
| (72) PINCHIN, David | (54) RADIAL PISTON ENGINE WITH BRAKE | (54) METHOD FOR PRODUCING, REPAIRING AND/OR EXCHANGING AN ENGINE HOUSING, AND A CORRESPONDING HOUSING |
| (31) 20054410 | (73) Robert Bosch GmbH | |
| (32) 23.09.2005 | (72) JUST, Hendrik | |
| (33) Norway | TIBARI, Khaled | |
| (51) E21B 47/00 | (31) 102012008622 | (73) MTU Aero Engines GmbH |
| E21B 47/10 | (32) 28.04.2012 | (72) GEIGER, Peter |
| (11) EP2920412 | (33) Germany | (31) 102011108957 |
| (21) EP13703265.2 | (51) F01C 1/46 | (32) 29.07.2011 |
| (47) 23.05.2018 | F04C 2/46 | (33) Germany |
| (87) US2013023413 | F04C 18/46 | (51) F01D 5/18 |
| 31.07.2014 | (11) EP2581552 | (11) EP2685049 |
| (22) 28.01.2013 | (21) EP11791906.8 | (21) EP12757893.8 |
| (54) SYSTEMS AND METHODS FOR MONITORING WELLBORE FLUIDS USING MICROANALYSIS OF REAL-TIME PUMPING DATA | (47) 23.05.2018 | (47) 23.05.2018 |
| (73) Halliburton Energy Services, Inc. | (87) CN2011075029 | (87) JP2012055876 |
| (72) MARLAND, Christopher | 15.12.2011 | 20.09.2012 |
| MITCHELL, Ian | (22) 31.05.2011 | (22) 07.03.2012 |
| LOVORN, James Randolph | (54) SPIRALTER-TYPE FLUID MOTOR OR ENGINE AND COMPRESSOR OR PUMP | (54) TURBINE BLADE |
| (51) E21B 49/02 | (73) Beijing Rostar Technology Co. Ltd | (73) IHI Corporation |
| G01N 33/28 | (72) YAO, Qihuai | (72) OKITA Yoji |
| (11) EP3019697 | YAO, Frank | NAKAMATA Chiyuki |
| (21) EP14823207.7 | (31) 201010196950 | (31) 2011054253 |
| (47) 23.05.2018 | (32) 10.06.2010 | (32) 11.03.2011 |
| (87) US2014046311 | (33) China | (33) Japan |
| 15.01.2015 | (51) F01D 1/08 | (51) F01D 9/04 |
| (22) 11.07.2014 | F01D 5/04 | F01D 11/08 |
| (54) CHARACTERIZING WELLBORE DEPTH INTERVAL FROM ROCK FRAGMENTS | F01D 1/14 | F01D 11/12 |
| (73) Ingrain, Inc. | F01D 9/04 | (11) EP2412932 |
| (72) WALLS, Joel | (11) EP3155225 | (21) EP11250673.8 |
| GUZMAN, Bryan | (21) EP15726328.6 | (47) 23.05.2018 |
| FOSTER, Michael | (47) 23.05.2018 | (22) 25.07.2011 |
| TOELKE, Jonas | (87) IB2015052937 | (54) Blade outer air seal and manufacturing methods |
| GUNDEPALLI, Venkata, Ajay | 17.12.2015 | (73) United Technologies Corporation |
| (31) 201361845272 P | (22) 22.04.2015 | (72) Belanger, Philip R. |
| (32) 11.07.2013 | (54) TURBINE AND METHOD FOR EXPANDING AN OPERATING FLUID | Tholen, Susan M. |
| (33) United States of America | (73) Turboden S.p.A. | (31) 844344 |
| (51) E21C 35/18 | (72) BINI, Roberto | (32) 27.07.2010 |
| E21B 10/42 | GAIA, Mario | (33) United States of America |
| E21B 10/48 | (31) BS20140110 | (51) F01D 9/04 |
| E21B 10/62 | (32) 12.06.2014 | F01D 25/08 |
| (11) EP3048241 | (33) Italy | (11) EP2735708 |
| (21) EP15152283.6 | (51) F01D 5/00 | (21) EP13193015.8 |
| (47) 23.05.2018 | F01D 11/14 | (47) 23.05.2018 |
| (22) 23.01.2015 | F01D 17/02 | (22) 15.11.2013 |
| (54) A rotary claw drill bit | G01B 7/14 | (54) Aeroengine sealing arrangement |
| (73) Sandvik Intellectual Property AB | F01D 21/00 | (73) Rolls-Royce Deutschland Ltd & Co KG |
| (72) Gholiof, Hamidreza | (11) EP2505779 | (72) Todorovic, Predrag |
| Grief, Ralf | (21) EP12161088.5 | (31) 201220972 |
| Fader, Joseph | (47) 23.05.2018 | (32) 22.11.2012 |
| (51) F01B 13/06 | (22) 23.03.2012 | (33) United Kingdom |
| F16D 55/38 | (54) Method and system for inspecting blade tip clearance | (51) F01D 11/00 |
| F03C 1/047 | (73) General Electric Company | (11) EP3056683 |
| F03C 1/04 | (72) Hynous, Andrew Thomas | (21) EP15155241.1 |
| F03C 1/40 | (31) 201113073724 | (47) 23.05.2018 |
| F04B 1/047 | (32) 28.03.2011 | (22) 16.02.2015 |
| F04B 1/04 | (33) United States of America | (54) Axially split inner ring for a flow machine and guide blade assembly |
| F16D 55/24 | (51) F01D 5/00 | (73) MTU Aero Engines AG |
| B60T 1/06 | F01D 21/04 | (72) Humhauser, Werner |
| (11) EP2841763 | F01D 25/24 | Wagner, Josef |
| (21) EP13716299.6 | F01D 25/26 | Klingels, Hermann |
| (47) 23.05.2018 | (11) EP2737178 | (51) F01D 11/00 |
| (87) EP2013057853 | (21) EP12759628.6 | F02C 7/28 |
| | (47) 23.05.2018 | F16J 15/3292 |
| | (87) DE2012000748 | (11) EP2960558 |

| | | |
|--|--|---|
| (21) EP14754259.1 | (73) Rolls-Royce Corporation | 23.10.2008 |
| (47) 23.05.2018 | (72) Xu, Raymond, Ruiwen | (22) 11.04.2008 |
| (87) JP2014053282 | Griffiths, George F. | (54) CONTROL UNIT AND CONTROL |
| 28.08.2014 | Green, Kenneth, Alan | METHOD FOR VARIABLE VALVE |
| (22) 13.02.2014 | Iesalnieks, Andy H. | TIMING MECHANISM |
| (54) SHAFT SEAL DEVICE AND ROTARY | (31) 201061428797 P | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| MACHINE | (32) 30.12.2010 | (72) HATTORI, Masayoshi |
| (73) Mitsubishi Hitachi Power Systems, Ltd. | (33) United States of America | ABE, Tsukasa |
| (72) UEHARA Hidekazu | (51) F01L 1/18 | (31) 2007103884 |
| NISHIMOTO Shin | F01L 1/053 | (32) 11.04.2007 |
| SHINOHARA Tanehiro | (11) EP3158172 | (33) Japan |
| OYAMA Hiroharu | (21) EP15731503.7 | (51) F01L 13/00 |
| (31) 2013033202 | (47) 23.05.2018 | F01L 1/24 |
| (32) 22.02.2013 | (87) DE2015200222 | (11) EP3161280 |
| (33) Japan | 23.12.2015 | (21) EP15717410.3 |
| (51) F01D 11/18 | (22) 31.03.2015 | (47) 23.05.2018 |
| (11) EP2570615 | (54) CARRIER FOR OHC VALVE DRIVE IN | (87) DE2015200224 |
| (21) EP12184295.9 | AN INTERNAL COMBUSTION ENGINE | 30.12.2015 |
| (47) 23.05.2018 | (73) Schaeffler Technologies AG & Co. KG | (22) 31.03.2015 |
| (22) 13.09.2012 | (72) GRÖTSCH, Andreas | (54) FULCRUM |
| (54) SELF-ADJUSTING DEVICE FOR | KRAWIETZ, Christopher | (73) Schaeffler Technologies AG & Co. KG |
| CONTROLLING THE CLEARANCE | MAYER, Johanna | (72) KRETSCHMER, Jürgen |
| BETWEEN ROTATING AND | (31) 102014211638 | SAILER, Peter |
| STATIONARY COMPONENTS OF A | (32) 18.06.2014 | CHRISTGEN, Wolfgang |
| TURBOMACHINE | (33) Germany | KUGLER, Michael |
| (73) Ansaldo Energia Switzerland AG | (51) F01L 1/18 | TOVAR, Jochen |
| (72) Szwedowicz, Jaroslaw Leszek | F01L 1/24 | SCHÄFER, Max |
| Mozharov, Alexey | F01L 13/06 | (31) 102014212272 |
| Schiedeck, Florian | F02D 9/06 | (32) 26.06.2014 |
| Boettcher, Jonas | F02D 13/04 | (33) Germany |
| (31) 15512011 | F02D 13/06 | (51) F01M 1/06 |
| (32) 19.09.2011 | F02D 17/02 | F01M 11/02 |
| (33) Switzerland | (11) EP3187703 | (11) EP3184763 |
| (51) F01D 17/14 | (21) EP16002472.5 | (21) EP16199052.8 |
| (11) EP2397655 | (47) 23.05.2018 | (47) 23.05.2018 |
| (21) EP11168796.8 | (22) 21.11.2016 | (22) 16.11.2016 |
| (47) 23.05.2018 | (54) COMBUSTION ENGINE WITH AN | (54) STRADDLED VEHICLE |
| (22) 06.06.2011 | ENGINE BRAKE WITH EXHAUST | (73) Yamaha Hatsudoki Kabushiki Kaisha |
| (54) Control valve for a steam turbine | THROTTLE AND A DECOMPRESSION | (72) FUJITA, Masato |
| (73) Siemens Aktiengesellschaft | BRAKE | OGA, Hirotsugu |
| (72) Schreiber, Frank | (73) MAN Truck & Bus AG | SATO, Kimihiko |
| Paul, Erhard | (72) Ebert, Christoph | (31) 2015253273 |
| (31) 102010024342 | Herrmann, Tobias | (32) 25.12.2015 |
| (32) 18.06.2010 | Fink, Adrian | (33) Japan |
| (33) Germany | (31) 102015016723 | (51) F01N 1/00 |
| (51) F01D 25/16 | (32) 22.12.2015 | F01N 1/08 |
| F02C 7/32 | (33) Germany | G10K 11/16 |
| (11) EP3155234 | (51) F01L 1/34 | (11) EP2851526 |
| (21) EP15732861.8 | F01L 1/344 | (21) EP14190957.2 |
| (47) 23.05.2018 | (11) EP2881556 | (47) 23.05.2018 |
| (87) FR2015051547 | (21) EP14196832.1 | (22) 11.08.2004 |
| 17.12.2015 | (47) 23.05.2018 | (54) Exhaust Silencer |
| (22) 11.06.2015 | (22) 08.12.2014 | (73) Faurecia Emissions Control Technologies, |
| (54) A TURBINE ENGINE COMPRISING A | (54) Engine | Germany GmbH |
| DRIVE SYSTEM FOR A DEVICE SUCH | (73) Mitsubishi Jidosha Kogyo Kabushiki Kaisha | (72) Bachner, Bernhard |
| AS AN ACCESSORIES CASE | (72) Kawakami, Nobuhiro | Spindler, Klaus |
| (73) SAFRAN AIRCRAFT ENGINES | Sugimura, Hayato | (31) 10337111 |
| (72) LEPRETRE, Jean-Baptiste, Etienne, Bernard | Oka, Toshihiko | 10337110 |
| (31) 1455346 | Yagi, Kazuki | (32) 11.08.2003 |
| (32) 12.06.2014 | (31) 2013254103 | 11.08.2003 |
| (33) France | (32) 09.12.2013 | (33) Germany |
| (51) F01D 25/24 | (33) Japan | Germany |
| (11) EP2472070 | (51) F01L 1/352 | (51) F01N 3/022 |
| (21) EP11010281.1 | F02D 13/02 | B01D 53/94 |
| (47) 23.05.2018 | (11) EP2134933 | (11) EP1599660 |
| (22) 29.12.2011 | (21) EP08737416.1 | (21) EP04717674.8 |
| (54) Methods of manufacturing a gas turbine | (47) 23.05.2018 | (47) 23.05.2018 |
| engine case and corresponding case | (87) IB2008000877 | (87) GB2004000882 |

| | | |
|--|---|--|
| 16.09.2004 | (47) 23.05.2018 | (87) EP2014001755 |
| (22) 05.03.2004 | (22) 20.06.2013 | 30.12.2015 |
| (54) DIESEL ENGINE WITH A CATALYSED FILTER | (54) Exhaust emission control system for internal combustion engine, and control method for exhaust emission control system | (22) 27.06.2014 |
| (73) Johnson Matthey PLC | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (54) A HEAT EXCHANGER SYSTEM FOR TREATMENT OF A FLOW OF EXHAUST GASES IN AN EXHAUST GAS AFTER TREATMENT SYSTEM |
| (72) PHILLIPS, Paul, Richard TWIGG, Martyn Vincent | (72) OTA, Hirohiko | (73) Volvo Truck Corporation |
| (31) 0304939 | (31) 2012148723 | (72) ANDERSSON, Lennart |
| (32) 05.03.2003 | (32) 02.07.2012 | LUNDÉN, Martin |
| (33) United Kingdom | (33) Japan | |
| (51) F01N 3/025 | (51) F01N 3/20 | (51) F01N 3/28 |
| F01N 3/36 | F01N 11/00 | F01N 13/00 |
| F01N 9/00 | (11) EP3088695 | F01N 13/18 |
| F01N 11/00 | (21) EP16166814.0 | F01N 13/14 |
| (11) EP2582934 | (47) 23.05.2018 | F01N 3/20 |
| (21) EP11798464.1 | (22) 25.04.2016 | (11) EP2984311 |
| (47) 23.05.2018 | (54) ABNORMALITY DETERMINATION DEVICE FOR INTERNAL COMBUSTION ENGINE | (21) EP14717831.3 |
| (87) SE2011050792 | (73) Toyota Jidosha Kabushiki Kaisha | (47) 23.05.2018 |
| 29.12.2011 | (72) TAKASU, Yuji | (87) GB2014051142 |
| (22) 20.06.2011 | OTA, Hirohiko | 16.10.2014 |
| (54) METHOD AND DEVICE PERTAINING TO COOLING OF DOSING UNITS OF HC DOSING SYSTEMS FOR EXHAUST CLEANING | (31) 2015090457 | (22) 11.04.2014 |
| (73) Scania CV AB (publ) | (32) 27.04.2015 | (54) HEAT SHIELD AND EMISSIONS CLEANING MODULE |
| (72) LILJESTRAND, Andreas | (33) Japan | (73) Perkins Engines Company Limited |
| BREMBERG, Per | (51) F01N 3/28 | (72) FREEMAN, Susannah |
| CARLSSON, Ulf | B01D 53/94 | ZIMMERMANN, Anton |
| ERIKSSON, Lars | (11) EP2531704 | KEEN, Andrew |
| (31) 1050644 | (21) EP11740250.3 | HEATON, David |
| (32) 21.06.2010 | (47) 23.05.2018 | PETTO, Christopher |
| (33) Sweden | (87) US20111023302 | (31) 201306614 |
| (51) F01N 3/08 | 11.08.2011 | 201319752 |
| F01N 3/36 | (22) 02.01.2011 | 201319755 |
| F01N 3/20 | (54) MUFFLER WITH INTEGRATED CATALYTIC CONVERTER AND POLYMERIC MUFFLER BODY | (32) 11.04.2013 |
| F02D 41/02 | (73) E. I. du Pont de Nemours and Company | 08.11.2013 |
| F02D 41/40 | (72) MAURER, Karl, Paul | 08.11.2013 |
| F02D 41/30 | JONES, Daniel, P. | (33) United Kingdom |
| (11) EP2987976 | (31) 300499 P | United Kingdom |
| (21) EP13802845.1 | (32) 02.02.2010 | United Kingdom |
| (47) 23.05.2018 | (33) United States of America | |
| (87) JP2013061651 | (51) F01N 3/28 | (51) F01N 3/36 |
| 23.10.2014 | F01N 3/20 | F01N 3/08 |
| (22) 19.04.2013 | F01N 9/00 | F01N 3/025 |
| (54) EXHAUST PURIFICATION DEVICE OF INTERNAL COMBUSTION ENGINE | F01N 3/10 | F02D 13/02 |
| (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | B01D 53/94 | F02D 41/00 |
| (72) NOGI, Yoshito | (11) EP3128143 | (11) EP2584163 |
| (51) F01N 3/20 | (21) EP16001774.5 | (21) EP10853210.2 |
| (11) EP3159508 | (47) 23.05.2018 | (47) 23.05.2018 |
| (21) EP16194344.4 | (22) 17.06.2010 | (87) JP2010060122 |
| (47) 23.05.2018 | (54) SYSTEM FOR REDUCTANT LINE HEATING CONTROL | 22.12.2011 |
| (22) 18.10.2016 | (73) Cummins IP, Inc. | (22) 15.06.2010 |
| (54) DEVICE AND METHOD FOR DISPENSING REAGENT INTO THE EXHAUST GAS FLOW OF AN INTERNAL COMBUSTION ENGINE | (72) OGUNLEYE, Hakeem | (54) INTERNAL COMBUSTION ENGINE CONTROL DEVICE |
| (73) Eberspächer Exhaust Technology GmbH & Co. KG | QI, Baohua | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| (72) Gaiser, Gerd | MCDANIEL, Mickey | (72) KOGO, Tomoyuki |
| (31) 102015118147 | (31) 218222 P | OGAWA, Takashi |
| (32) 23.10.2015 | (32) 18.06.2009 | ITO, Katsuhiro |
| (33) Germany | (33) United States of America | IWATA, Kazuyasu |
| (51) F01N 3/20 | (51) F01N 3/28 | ISHIYAMA, Shinobu |
| F01N 3/025 | F01N 13/00 | YANASE, Yoshiki |
| F01N 9/00 | B60R 13/08 | |
| (11) EP2682579 | (11) EP2841733 | |
| (21) EP13172989.9 | (21) EP13718357.0 | |
| | (47) 23.05.2018 | |
| | (87) GB2013050902 | |
| | 31.10.2013 | |
| | (22) 08.04.2013 | |

| | | |
|--|--|--------------------------------------|
| (54) AN EMISSIONS CLEANING MODULE COMPRISING AN OUTLET MODULE | (51) F02B 37/00 | (51) F02F 7/00 |
| (73) Perkins Engines Company Limited | F02B 39/14 | F02B 75/04 |
| (72) NIAZ, Naseer | F02F 1/24 | F02B 75/32 |
| (31) 201207201 | F02B 39/00 | F16C 9/02 |
| (32) 24.04.2012 | (11) EP2405112 | (11) EP2985442 |
| (33) United Kingdom | (21) EP11162492.0 | (21) EP14782086.4 |
| (51) F01P 5/12 | (47) 23.05.2018 | (47) 23.05.2018 |
| F01P 3/00 | (22) 16.06.2010 | (87) JP2014059798 |
| F01P 7/16 | (54) Supercharged internal combustion engine | 16.10.2014 |
| F04B 35/00 | (73) C.R.F. Società Consortile per Azioni | (22) 03.04.2014 |
| F16D 48/02 | (72) Cuniberti, Marco | (54) INTERNAL COMBUSTION ENGINE |
| F16H 57/04 | Saretto, Roberto | (73) Nissan Motor Company, Limited |
| (11) EP2776742 | Micelli, Damiano | (72) HOSHIKAWA, Hiroaki |
| (21) EP12786944.4 | (31) TO20100498 | (31) 2013082613 |
| (47) 23.05.2018 | (32) 11.06.2010 | (32) 11.04.2013 |
| (87) EP2012072058 | (33) Italy | (33) Japan |
| 16.05.2013 | (51) F02C 3/34 | (51) F02K 3/06 |
| (22) 07.11.2012 | F02M 26/50 | F04D 29/38 |
| (54) DRIVE TRAIN COOLING | F02M 26/04 | F01D 5/28 |
| ARRANGEMENT AND METHOD FOR | F02M 26/34 | (11) EP2811144 |
| OPERATING SAME | F02M 26/36 | (21) EP13744077.2 |
| (73) GETRAG B.V. & Co. KG | (11) EP2060772 | (47) 23.05.2018 |
| (72) RUEHLE, Guenter | (21) EP08168547.1 | (87) JP2013051959 |
| KIEHLNEKER, Alexander | (47) 23.05.2018 | 08.08.2013 |
| (31) 102011118574 | (22) 07.11.2008 | (22) 30.01.2013 |
| (32) 09.11.2011 | (54) Purge System for an Exhaust Gas | (54) FAN ROTOR BLADE OF AIRCRAFT JET |
| (33) Germany | Recirculation System | ENGINE |
| (51) F01P 7/16 | (73) General Electric Company | (73) IHI Corporation |
| F01P 7/14 | (72) CHILLAR, Rahul J. | (72) YAGI, Hiroyuki |
| F02G 5/02 | TAYLOR, Robert W. | KUROKI, Hiroshi |
| F01P 11/14 | MALY, Peter Martin | OBUCHI, Kenro |
| (11) EP2993325 | DRAPER, Sam | (31) 2012017134 |
| (21) EP13883372.8 | TOPRANI, Amit | (32) 30.01.2012 |
| (47) 23.05.2018 | (31) 939709 | (33) Japan |
| (87) JP2013062619 | (32) 14.11.2007 | (51) F02M 26/06 |
| 06.11.2014 | (33) United States of America | F02M 35/10 |
| (22) 30.04.2013 | (51) F02C 9/28 | F02M 26/19 |
| (54) COOLING WATER CONTROL | (11) EP3077644 | (11) EP3067547 |
| APPARATUS | (21) EP15700375.7 | (21) EP16151780.0 |
| (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (47) 23.05.2018 | (47) 23.05.2018 |
| (72) HOSOKAWA, Yohei | (87) EP2015050524 | (22) 19.01.2016 |
| AMANO, Takashi | 30.07.2015 | (54) TURBOCHARGER INPUT CONNECTOR |
| ITO, Satoru | (22) 14.01.2015 | WITH EGR GAS DIFFUSER |
| HAYAKAWA, Kojiro | (54) METHOD FOR REGULATING A GAS | (73) Renault S.A.S. |
| (51) F02B 3/02 | TURBINE | (72) CHALMETTE, Bruno |
| F02B 37/04 | (73) Siemens Aktiengesellschaft | (31) 1551998 |
| F02B 43/00 | (72) LARSON, Marco | (32) 11.03.2015 |
| F02D 19/06 | SAVILIUS, Nicolas | (33) France |
| (11) EP2052140 | (31) 14152125 | (51) F02M 35/02 |
| (21) EP07765124.8 | (32) 22.01.2014 | F02M 35/08 |
| (47) 23.05.2018 | (33) European Patent Office (EPO) | F02M 35/10 |
| (87) EP2007006043 | (51) F02D 15/04 | (11) EP3036424 |
| 14.02.2008 | F02B 75/04 | (21) EP14738878.9 |
| (22) 07.07.2007 | F02F 1/18 | (47) 23.05.2018 |
| (54) INTERNAL COMBUSTION ENGINE FOR | F16D 41/08 | (87) FR2014051509 |
| GAS AND GASOLINE | (11) EP3081789 | 26.02.2015 |
| (73) Volkswagen Aktiengesellschaft | (21) EP14870359.8 | (22) 18.06.2014 |
| (72) FLADUNG, Oliver | (47) 23.05.2018 | (54) AIR INTAKE DUCT WITH A SLIDING |
| HAGELSTEIN, Dirk | (87) JP2014080479 | COVER |
| NOODT, Florian | 18.06.2015 | (73) Renault S.A.S. |
| POTT, Ekkehard | (22) 18.11.2014 | (72) CORNELIU, Nita |
| (31) 102006037381 | (54) INTERNAL COMBUSTION ENGINE | MIHAI, Gabriela |
| 102006049242 | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (31) 1358142 |
| (32) 09.08.2006 | (72) OKAWA, Makoto | (32) 23.08.2013 |
| 18.10.2006 | SAKAI, Kazuhito | (33) France |
| (33) Germany | (31) 2013255032 | (51) F02M 35/08 |
| Germany | (32) 10.12.2013 | B01D 46/00 |
| | (33) Japan | F02M 35/10 |

| | | |
|---|---|---|
| (11) EP2829716 | (33) Germany | F04B 1/04 |
| (21) EP14177476.0 | (51) F02M 35/12 | (11) EP3153699 |
| (47) 23.05.2018 | F02M 35/10 | (21) EP16191550.9 |
| (22) 17.07.2014 | (11) EP2907997 | (47) 23.05.2018 |
| (54) Air intake system for a work vehicle | (21) EP15154559.7 | (22) 29.09.2016 |
| (73) CNH Industrial Italia S.p.A. | (47) 23.05.2018 | (54) PUMPING ASSEMBLY |
| (72) Gomez, Lorenzo | (22) 10.02.2015 | (73) Delphi International Operations Luxembourg |
| Link, John F. | (54) RESONATOR FOR VEHICLE | S.à r.l. |
| Schroeder, William Louis | (73) Ls Mtron Ltd. | (72) PEDLEY, Toby J |
| Chlystek, Thomas M. | (72) Hwang, Ho Jun | FAIRBAIRN, Matthew |
| Schempp, Richard L. | Lee, Jung Uk | (31) 201517504 |
| (31) 201313951854 | (31) 20140016722 | (32) 05.10.2015 |
| (32) 26.07.2013 | 20140016724 | (33) United Kingdom |
| (33) United States of America | 20140100471 | (51) F02M 63/00 |
| (51) F02M 35/10 | (32) 13.02.2014 | F02M 63/02 |
| B29C 49/04 | 13.02.2014 | (11) EP3008327 |
| B29C 49/20 | 05.08.2014 | (21) EP14729857.4 |
| F02M 35/16 | (33) Korea (Republic) | (47) 23.05.2018 |
| B29L 23/00 | Korea (Republic) | (87) EP2014001490 |
| B29L 31/30 | Korea (Republic) | 18.12.2014 |
| (11) EP2520790 | (51) F02M 47/02 | (22) 03.06.2014 |
| (21) EP10838957.8 | F02M 63/00 | (54) QUANTITY-LIMITING VALVE |
| (47) 23.05.2018 | (11) EP3036428 | (73) MTU Friedrichshafen GmbH |
| (87) JP2010007433 | (21) EP14734136.6 | (72) GERBETH, Robby |
| 30.06.2011 | (47) 23.05.2018 | WALDER, Michael |
| (22) 22.12.2010 | (87) EP2014063810 | MEHR, Andreas |
| (54) AIR INTAKE DUCT AND METHOD FOR | 26.02.2015 | STAUDT, Markus |
| PRODUCING SAME | (22) 30.06.2014 | MLICKI, Frank |
| (73) Hino Motors Ltd. | (54) CONTROL VALVE ARRANGEMENT | (31) 102013210983 |
| Excell Corporation | (73) Delphi International Operations Luxembourg | (32) 12.06.2013 |
| (72) KIMURA, Masahiro | S.à r.l. | (33) Germany |
| TOBE, Kuniharu | (72) COOKE, Michael | (51) F02N 3/02 |
| NISHIDA, Katsunobu | LEGRAND, Philippe | (11) EP2194262 |
| (31) 2009294468 | ROUSSILHE, Julien | (21) EP09177782.1 |
| (32) 25.12.2009 | SMITH, Mark | (47) 23.05.2018 |
| (33) Japan | BETTI, Matthieu | (22) 02.12.2009 |
| (51) F02M 35/10 | (31) 201314826 | (54) Outboard motor |
| F02M 35/02 | (32) 20.08.2013 | (73) Yamaha Hatsudoki Kabushiki Kaisha |
| (11) EP3130791 | (33) United Kingdom | (72) Kitajima, Kazuyuki |
| (21) EP16181351.4 | (51) F02M 47/02 | (31) 2008308863 |
| (47) 23.05.2018 | F02M 63/00 | 2008308868 |
| (22) 27.07.2016 | F02M 61/20 | (32) 03.12.2008 |
| (54) SUBASSEMBLY FOR AN INTAKE | (11) EP3150839 | 03.12.2008 |
| TRACT OF A COMBUSTION ENGINE | (21) EP16190307.5 | (33) Japan |
| (73) Mahle International GmbH | (47) 23.05.2018 | Japan |
| (72) BERISHA, Bashkim | (22) 23.09.2016 | (51) F03D 7/02 |
| KOHLER, Samuel | (54) FUEL INJECTOR | (11) EP3207246 |
| (31) 102015215516 | (73) Delphi International Operations Luxembourg | (21) EP15781018.5 |
| (32) 13.08.2015 | S.à r.l. | (47) 23.05.2018 |
| (33) Germany | (72) THIBAULT, Thierry | (87) DK2015050304 |
| (51) F02M 35/12 | RODIER, Nicolas | 21.04.2016 |
| F02M 35/08 | (31) 201517148 | (22) 08.10.2015 |
| H01M 8/04 | (32) 29.09.2015 | (54) A CONTROL SYSTEM FOR WIND |
| (11) EP3186499 | (33) United Kingdom | TURBINES FOR REDUCING |
| (21) EP15733727.0 | (51) F02M 51/06 | DISTURBANCES IN AN ELECTRICAL |
| (47) 23.05.2018 | (11) EP3034853 | GRID |
| (87) EP2015065020 | (21) EP14197891.6 | (73) Vestas Wind Systems A/S |
| 03.03.2016 | (47) 23.05.2018 | (72) KJÆR, Martin Ansbjerg |
| (22) 01.07.2015 | (22) 15.12.2014 | CAPONETTI, Fabio |
| (54) SHUNT RESONATOR FOR AN AIR- | (54) Coil assembly and fluid injection valve | COUCHMAN, Ian |
| INTAKE INSTALLATION OF AN | (73) Continental Automotive GmbH | THOMSEN, Jesper Sandberg |
| INTERNAL COMBUSTION ENGINE | (72) Filippi, Stefano | KRÜGER, Thomas |
| (73) MAHLE International GmbH | Grandi, Mauro | GARCIA, Jorge Martinez |
| (72) KOHLER, Samuel | Lenzi, Francesco | (31) 201470633 |
| FISCHER, Robert | Polidori, Valerio | (32) 13.10.2014 |
| BRILKE, Mathias | (51) F02M 59/06 | (33) Denmark |
| (31) 102014217334 | F02M 59/10 | (51) F03D 7/02 |
| (32) 29.08.2014 | | F03D 7/04 |

- (11) EP2725222
(21) EP13189117.8
(47) 23.05.2018
(22) 17.10.2013
(54) Systems and methods for use in operating power generation systems
(73) General Electric Company
(72) Ridgway, Robert William Shah, Minesh Ashok
(31) 201213658507
(32) 23.10.2012
(33) United States of America
-
- (51) F03D 7/02
F03D 7/04
(11) EP2859223
(21) EP13728947.6
(47) 23.05.2018
(87) DK2013050172
12.12.2013
(22) 06.06.2013
(54) A WIND TURBINE WITH A LOAD CONTROLLER
(73) Vestas Wind Systems A/S
(72) ZAIB, Ali SIMONSEN, Kenneth Tougaard
(31) 201270300
201261656664 P
(32) 06.06.2012
07.06.2012
(33) Denmark
United States of America
-
- (51) F03D 9/00
H02J 3/38
(11) EP2017473
(21) EP08012394.6
(47) 23.05.2018
(22) 09.07.2008
(54) Wind farm with increased revolution speed
(73) Senvion GmbH
(72) Letas, Heinz-Hermann
(31) 102007032179
(32) 10.07.2007
(33) Germany
-
- (51) F03D 17/00
(11) EP2932094
(21) EP13802414.6
(47) 23.05.2018
(87) EP2013076285
19.06.2014
(22) 11.12.2013
(54) A SYSTEM AND METHOD FOR WIND TURBINE SENSOR CALIBRATION
(73) LM Wind Power International Technology II ApS
(72) KLITGAARD, Michael BÆK, Peter BYSKOV, Claus
(31) 201222540
(32) 14.12.2012
(33) United Kingdom
-
- (51) F03D 17/00
F03D 7/02
F03D 7/04
(11) EP2927486
(21) EP14382123.9
(47) 23.05.2018
(22) 31.03.2014
(54) Fatigue in wind turbines
- (73) Alstom Renovables España, S.L.
(72) Carcangiu, Carlo Enrico Pineda Amo, Isaac
-
- (51) F03D 80/00
F03D 1/00
(11) EP2458209
(21) EP11190481.9
(47) 23.05.2018
(22) 24.11.2011
(54) A wind turbine and a method for pitching a blade of a wind turbine
(73) Vestas Wind Systems A/S
(72) Neubauer, Jesper Lykkegaard Madsen, Jens Bay
(31) 201070510
417335 P
(32) 26.11.2010
26.11.2010
(33) Denmark
United States of America
-
- (51) F03G 3/02
F03G 3/04
(11) EP2788622
(21) EP12753117.6
(47) 23.05.2018
(87) EP2012066708
13.06.2013
(22) 28.08.2012
(54) SOLID STATE MATERIAL DRIVEN TURBINE
(73) Montanuniversität Leoben
(72) PRENNER, Michael
(31) 201121173
(32) 09.12.2011
(33) United Kingdom
-
- (51) F04B 9/10
F16L 21/035
F16L 27/10
F16L 17/02
F16L 27/08
(11) EP3152472
(21) EP15732828.7
(47) 23.05.2018
(87) FR2015051438
10.12.2015
(22) 01.06.2015
(54) HIGH-PRESSURE ROTARY SEAL-PLUG ASSEMBLY WITH EXPANDABLE CONTINUOUS RING
(73) Rabhi, Vianney
(72) Rabhi, Vianney
(31) 1455195
(32) 06.06.2014
(33) France
-
- (51) F04B 9/105
F04B 9/125
F04B 9/113
F04B 9/133
(11) EP2884104
(21) EP14196455.1
(47) 23.05.2018
(22) 05.12.2014
(54) Piston pump device
(73) SKF Lubrication Systems Germany GmbH
(72) Schmidt, Fabian Kreuzkämper, Jürgen Schmidt, Holger
(31) 102013226131
- (32) 16.12.2013
(33) Germany
-
- (51) F04B 19/02
F01B 15/04
(11) EP2765310
(21) EP13154494.2
(47) 23.05.2018
(22) 07.02.2013
(54) Rocking cylinder assembly
(73) Artemis Intelligent Power Limited Mitsubishi Heavy Industries, Ltd.
(72) Rampen, Alex Voller, Gordon Lavender, Jack Stein, Uwe
-
- (51) F04B 39/00
F04B 39/06
F04B 53/08
(11) EP2908010
(21) EP15151804.0
(47) 23.05.2018
(22) 20.01.2015
(54) Piston rod for piston compressors and piston compressor
(73) NEUMAN & ESSER GmbH & Co. KG
(72) Hoff, Klaus
(31) 102014201473
(32) 28.01.2014
(33) Germany
-
- (51) F04B 39/12
F04B 49/03
(11) EP2930362
(21) EP15160414.7
(47) 23.05.2018
(22) 23.03.2015
(54) AIR COMPRESSOR
(73) Chou, Wen-San
(72) Chou, Wen-San
(31) 103112756
(32) 07.04.2014
(33) Taiwan, Province of China
-
- (51) F04B 53/00
D06F 39/08
D06F 37/20
D06F 39/12
(11) EP3153707
(21) EP16192820.5
(47) 23.05.2018
(22) 07.10.2016
(54) LAUNDRY TREATING APPARATUS
(73) LG Electronics Inc.
(72) JUNG, Sungwoon JANG, Hunjun
(31) 20150140815
(32) 07.10.2015
(33) Korea (Republic)
-
- (51) F04C 28/00
F04C 18/02
(11) EP2069638
(21) EP07811712.4
(47) 23.05.2018
(87) US2007019563
13.03.2008
(22) 07.09.2007
(54) APPARATUS FOR A REFRIGERATION SYSTEM AND METHOD
(73) Emerson Climate Technologies, Inc.

| | | |
|---|---|--|
| (72) PHAM, Hung M. JAYANTH, Nagaraj | (72) ISOMURA, Kazuki KURIHARA, Makoto | (33) Germany |
| (31) 842898 P 850846 | (51) F15B 1/26 | (51) F16B 31/02 |
| (32) 07.09.2006 06.09.2007 | F15B 15/14 | F16B 33/00 |
| (33) United States of America United States of America | F15B 15/18 | H01R 13/621 |
| (51) F04C 29/02 | B64C 25/22 | (11) EP2644910 |
| F04C 25/02 | (11) EP2816237 | (21) EP13000448.4 |
| B60T 17/02 | (21) EP14171318.0 | (47) 23.05.2018 |
| B60T 13/52 | (47) 23.05.2018 | (22) 30.01.2013 |
| F04C 18/344 | (22) 05.06.2014 | (54) Connector connecting bolt, connector and connector assembly |
| (11) EP3037667 | (54) Electro hydrostatic actuator | (73) Sumitomo Wiring Systems, Ltd. |
| (21) EP14837752.6 | (73) Sumitomo Precision Products Co., Ltd. | (72) Shibata, Takahiro |
| (47) 23.05.2018 | (72) Masutani, Kazuhiro | (31) 2012077788 |
| (87) JP2014071163 | Kondo, Taku | (32) 29.03.2012 |
| 26.02.2015 | Onishi, Takaaki | (33) Japan |
| (22) 11.08.2014 | (31) 2013127620 | (51) F16B 47/00 |
| (54) VACUUM PUMP MECHANISM | (32) 18.06.2013 | B60R 9/04 |
| (73) Mikuni Corporation | (33) Japan | (11) EP3071848 |
| (72) ISHIGUCHI, Shoichi | (51) F16B 1/00 | (21) EP14808481.7 |
| SHIBUYA, Yoshio | B25B 13/56 | (47) 23.05.2018 |
| KUMAMOTO, Masato | B25B 23/14 | (87) DK2014000054 |
| (31) 2013172156 | G05B 19/418 | 21.05.2015 |
| (32) 22.08.2013 | B21J 15/28 | (22) 13.11.2014 |
| (33) Japan | B21J 15/02 | (54) A SURFACE FOR MOUNTING ON THE SURFACE OF THE BODY OF A VEHICLE |
| (51) F04D 19/02 | (11) EP2058530 | (73) Easystrap Holding ApS |
| F01D 5/03 | (21) EP08253538.6 | (72) GÖDDERT, Bryan |
| F02C 3/067 | (47) 23.05.2018 | THIESEN, Michael |
| F04D 29/059 | (22) 29.10.2008 | (31) 201370693 |
| F01D 1/26 | (54) Intelligent fastener installation system | (32) 18.11.2013 |
| F01D 25/16 | (73) The Boeing Company | (33) Denmark |
| (11) EP3015714 | (72) Amirehteshami, David H. | (51) F16C 3/14 |
| (21) EP15190496.8 | Zanteson, William P | F16C 33/10 |
| (47) 23.05.2018 | Sarh, Branko | (11) EP3191724 |
| (22) 20.10.2015 | (31) 931628 | (21) EP15784981.1 |
| (54) AXIAL TURBINE-ENGINE | (32) 31.10.2007 | (47) 23.05.2018 |
| COMPRESSOR WITH DUAL COUNTER- ROTATING ROTORS | (33) United States of America | (87) NL2015050623 |
| (73) Safran Aero Boosters SA | (51) F16B 2/24 | 17.03.2016 |
| (72) CRACCO, Cédric | F21V 19/00 | (22) 09.09.2015 |
| (31) 201400791 | (11) EP2818733 | (54) CRANKSHAFT AND MAIN BEARING ASSEMBLY FOR A RECIPROCATING PISTON INTERNAL COMBUSTION ENGINE |
| (32) 27.10.2014 | (21) EP14172606.7 | (73) Daf Trucks N.V. |
| (33) Belgium | (47) 23.05.2018 | (72) DE ROOIJ, Judocus Adrianus Petronella LUIJTEN, Johanna Maria Marina |
| (51) F04D 25/08 | (22) 16.06.2014 | (31) 2013448 |
| F04D 17/10 | (54) Fastening element, fastening system with the fastening element and method for fitting a light holder with an electronic module by means of the fastening system | (32) 10.09.2014 |
| (11) EP2894350 | (73) ITZ Innovations- und Technologiezentrum GmbH | (33) Netherlands |
| (21) EP15153563.0 | (72) Drees, Frank | (51) F16C 5/00 |
| (47) 23.05.2018 | (31) 102013211149 | F16C 11/02 |
| (22) 15.02.2013 | (32) 14.06.2013 | (11) EP2917595 |
| (54) Air mixing device for buildings | (33) Germany | (21) EP13785773.6 |
| (73) Valco Companies Inc. | (51) F16B 5/06 | (47) 23.05.2018 |
| (72) Risser, Philip E. | F16B 21/06 | (87) US2013065995 |
| (31) 201213403249 | F16B 43/00 | 15.05.2014 |
| (32) 23.02.2012 | (11) EP3158208 | (22) 21.10.2013 |
| (33) United States of America | (21) EP15730994.9 | (54) LIGHT COMPOSITE CROSSHEAD |
| (51) F04D 29/28 | (47) 23.05.2018 | (73) GE Oil & Gas Compression Systems, LLC |
| F04D 29/30 | (87) EP2015063083 | (72) KABIR, Omar M. BARTOS, John C. PEARL, Kent |
| (11) EP3098453 | 23.12.2015 | (31) 201213674932 |
| (21) EP15871292.7 | (22) 11.06.2015 | (32) 12.11.2012 |
| (47) 23.05.2018 | (54) COMPONENT CONNECTION | (33) United States of America |
| (87) JP2015062004 | (73) Bayerische Motoren Werke Aktiengesellschaft | (51) F16C 5/00 |
| 27.10.2016 | (72) KORBER, Franz | F16C 11/02 |
| (22) 20.04.2015 | (31) 102014211650 | |
| (54) TURBOFAN AND AIR-CONDITIONING DEVICE | (32) 18.06.2014 | |
| (73) MITSUBISHI ELECTRIC CORPORATION | | |

| | | |
|--|--|--|
| F16C 33/10 | bearing and electrical rotation drive, | Japan |
| (11) EP2917596 | electromagnetic bearing and driving system | Japan |
| (21) EP13785774.4 | and spinning mechanism of rotor spinning | (51) F16C 41/00 |
| (47) 23.05.2018 | machine | F16C 19/18 |
| (87) US2013065996 | (73) Rieter CZ s.r.o. | F16C 33/76 |
| 15.05.2014 | (72) Silber, Siegfried | F16J 15/06 |
| (22) 21.10.2013 | Amrhein, Wolfgang | (11) EP3109496 |
| (54) CROSSHEAD LUBRICATION SYSTEM | Sloupensky, Jiri | (21) EP15749483.2 |
| (73) GE Oil & Gas Compression Systems, LLC | (51) F16C 33/46 | (47) 23.05.2018 |
| (72) KABIR, Omar, M. | F16C 33/66 | (87) JP2015054345 |
| BARTOS, John, C. | (11) EP2347142 | 20.08.2015 |
| PEARL, Kent | (21) EP09737376.5 | (22) 17.02.2015 |
| (31) 201213674933 | (47) 23.05.2018 | (54) ROLLING BEARING UNIT WITH |
| (32) 12.11.2012 | (87) EP2009007541 | ROTATION SPEED DETECTOR |
| (33) United States of America | 06.05.2010 | (73) NSK Ltd. |
| (51) F16C 11/04 | (22) 21.10.2009 | (72) TAKANASHI, Harumi |
| H04M 1/02 | (54) ROLLER BEARING CAGE | (31) 2014027588 |
| G06F 1/16 | (73) AB SKF | (32) 17.02.2014 |
| (11) EP2594814 | (72) BEYFUSS, Berthold | (33) Japan |
| (21) EP11806750.3 | FRIEDRICH, Hans-Jürgen | (51) F16D 3/10 |
| (47) 23.05.2018 | FUCHS, Fred | (11) EP3147522 |
| (87) JP2011065813 | RADINA, Alfred | (21) EP16188599.1 |
| 19.01.2012 | SCHIERLING, Jonas | (47) 23.05.2018 |
| (22) 11.07.2011 | (31) 102008053313 | (22) 13.09.2016 |
| (54) HINGE APPARATUS FOR ELECTRONIC | (32) 27.10.2008 | (54) MULTI-RATE TORSIONAL BAR |
| DEVICE | (33) Germany | (73) Steering Solutions IP Holding Corporation |
| (73) Mitsubishi Steel MFG. CO., LTD. | (51) F16C 33/66 | (72) Courville, Jeffrey P. |
| (72) MITSUI, Yasuhiro | F16C 19/14 | Thomas, Steven M. |
| (31) 2011148699 | F02C 7/06 | Kleinfeld, Brian J. |
| 2010157781 | F01D 25/16 | (31) 201562218295 P |
| (32) 04.07.2011 | F16C 35/063 | 201514938136 |
| 12.07.2010 | (11) EP2904284 | (32) 14.09.2015 |
| (33) Japan | (21) EP13844651.3 | 11.11.2015 |
| Japan | (47) 23.05.2018 | (33) United States of America |
| (51) F16C 19/36 | (87) US2013056309 | United States of America |
| F16C 33/46 | 17.04.2014 | (51) F16D 3/38 |
| (11) EP2860414 | (22) 23.08.2013 | (11) EP2829759 |
| (21) EP13188233.4 | (54) DUPLEX BEARING LUBRICATION | (21) EP13177564.5 |
| (47) 23.05.2018 | (73) United Technologies Corporation | (47) 23.05.2018 |
| (22) 11.10.2013 | (72) KERR, Donald L. | (22) 23.07.2013 |
| (54) Conical roller bearing | NAGER, Eric A. | (54) Universal joint assembly |
| (73) JTEKT CORPORATION | DEVALAPALLY, Giri P. | (73) Airbus Operations GmbH |
| (72) Chudo, Ryosuke | (31) 201213646961 | (72) Rufo González, Samuel |
| Kawamura, Motoshi | (32) 08.10.2012 | Hufenbach, Werner |
| Nakashima, Yoshihito | (33) United States of America | Lenz, Florian |
| (51) F16C 29/06 | (51) F16C 41/00 | Kliem, Mathias |
| (11) EP3115633 | B60B 35/18 | (51) F16D 13/75 |
| (21) EP15772663.9 | F16C 19/06 | (11) EP3242049 |
| (47) 23.05.2018 | F16C 33/80 | (21) EP17165600.2 |
| (87) JP2015001740 | F16C 33/78 | (47) 23.05.2018 |
| 08.10.2015 | F16F 1/18 | (22) 07.04.2017 |
| (22) 26.03.2015 | (11) EP2492529 | (54) CLUTCH MECHANISM WITH WEAR |
| (54) LINEAR MOTION GUIDE DEVICE | (21) EP10824869.1 | COMPENSATION |
| (73) NSK LTD. | (47) 23.05.2018 | (73) Valeo Embrayages |
| (72) MATSUMOTO, Jun | (87) JP2010068163 | (72) MARECHAL, Olivier |
| (31) 2014075578 | 28.04.2011 | BRAILLY, Julien |
| (32) 01.04.2014 | (22) 15.10.2010 | BOUCHEZ, Olivier |
| (33) Japan | (54) BEARING WITH SENSOR | KINDT, Sébastien |
| (51) F16C 32/04 | (73) NTN Corporation | (31) 1653926 |
| H02K 7/09 | (72) ITO, Hiroyoshi | (32) 02.05.2016 |
| D01H 4/14 | TAKADA, Seiichi | (33) France |
| (11) EP1939473 | (31) 2009243205 | (51) F16D 21/06 |
| (21) EP06466021.0 | 2010086849 | F16D 25/0638 |
| (47) 23.05.2018 | 2010149383 | (11) EP2685122 |
| (22) 29.12.2006 | (32) 22.10.2009 | (21) EP13173714.0 |
| (54) The method of leviation, centering, | 05.04.2010 | (47) 23.05.2018 |
| stabilization and driving of electromagnetic | 30.06.2010 | (22) 26.06.2013 |
| functional part of radial electromagnetic | (33) Japan | |

- (54) Bearing assembly for disc carrier and clutch assembly for a motor vehicle powertrain
(73) GETRAG B.V. & Co. KG
(72) Gremplini, Hansi
Kramm, Torsten
(31) 102012013873
(32) 12.07.2012
(33) Germany
-
- (51) F16D 41/00
F16D 41/18
(11) EP2559908
(21) EP12180440.5
(47) 23.05.2018
(22) 14.08.2012
(54) Irreversible joint
(73) Texa Dynamics S.R.L.
(72) Giroto, Adriano
(31) TV20110118
(32) 16.08.2011
(33) Italy
-
- (51) F16D 55/226
(11) EP3269992
(21) EP17180707.6
(47) 23.05.2018
(22) 11.07.2017
(54) CALLIPER BRAKE
(73) VE Vienna Engineering Forschungs- und Entwicklungs GmbH
(72) Putz, Michael
(31) 506262016
(32) 13.07.2016
(33) Austria
-
- (51) F16D 65/092
B23B 5/00
(11) EP3149352
(21) EP16718467.0
(47) 23.05.2018
(87) IB2016051725
29.09.2016
(22) 25.03.2016
(54) AUTOMATED FINISHING STATION FOR A BRAKE PAD
(73) ITT Italia S.r.l.
(72) RADICE, Carlo
CARUSI, Augusto
(31) UB20150048
(32) 25.03.2015
(33) Italy
-
- (51) F16F 1/38
F16F 15/00
B60G 17/02
B60G 7/02
(11) EP3102846
(21) EP14815902.3
(47) 23.05.2018
(87) JP2014005815
13.08.2015
(22) 19.11.2014
(54) VEHICLE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) FUKUDOME, Hideki
(31) 2014020157
(32) 05.02.2014
(33) Japan
-
- (51) F16F 7/12
B64C 1/18
(11) EP3098473
- (21) EP16158139.2
(47) 23.05.2018
(22) 01.03.2016
(54) ENERGY-ABSORBING COMPOSITE TENSION-SHEAR FITTING
(73) The Boeing Company
(72) STAUFFER, Matthew S.
LUDIN, Douglas R.
SCHULZE, Eric J.
(31) 201514711199
(32) 13.05.2015
(33) United States of America
-
- (51) F16F 9/43
F16J 10/02
F16F 9/32
F16F 9/36
F16F 9/02
F16J 10/00
(11) EP2634451
(21) EP13156821.4
(47) 23.05.2018
(22) 26.02.2013
(54) Gas cylinder actuator with overtravel safety device
(73) Special Springs S.r.l.
(72) Cappeller, Augusto
Cappeller, Alessandro
Cappeller, Dante
(31) PD20120057
PD20120194
(32) 01.03.2012
18.06.2012
(33) Italy
Italy
-
- (51) F16F 9/48
F16F 9/32
(11) EP2112401
(21) EP09251116.1
(47) 23.05.2018
(22) 17.04.2009
(54) Bicycle shock assemblies
(73) Trek Bicycle Corporation
(72) Gonzales, Jose
Buhl, Gregory P.
(31) 109453
(32) 25.04.2008
(33) United States of America
-
- (51) F16G 3/16
(11) EP2286112
(21) EP08874603.7
(47) 23.05.2018
(87) FR2008000797
17.12.2009
(22) 11.06.2008
(54) IMPROVED EQUIPMENT FOR FASTENING CLIPS JOINING THE ENDS OF A CONVEYOR BELT
(73) MLT Minet Lacing Technology
(72) JAKOB, Horst
-
- (51) F16H 7/08
F16H 7/18
(11) EP2795158
(21) EP12798751.9
(47) 23.05.2018
(87) EP2012075085
27.06.2013
(22) 11.12.2012
- (54) SLIDING ELEMENT FOR USE IN AN ENGINE OR CHAIN TRANSMISSION APPARATUS
(73) DSM IP Assets B.V.
(72) WANG, Zhujuan
MEUWISSEN, Michael Hubertus Helena
PROOST, Roy Antoine Hendrikus
Wilhelmus
(31) 11194741
(32) 21.12.2011
(33) European Patent Office (EPO)
-
- (51) F16H 25/22
F16C 29/06
(11) EP2829769
(21) EP13764143.7
(47) 23.05.2018
(87) JP2013001867
26.09.2013
(22) 19.03.2013
(54) SINGLE-AXIS ACTUATOR
(73) NSK Ltd.
(72) SHIMOMURA, Yuya
(31) 2012066339
(32) 22.03.2012
(33) Japan
-
- (51) F16H 37/04
F16H 3/72
F16H 37/08
F16H 47/04
(11) EP2542801
(21) EP11704025.3
(47) 23.05.2018
(87) EP2011000677
09.09.2011
(22) 14.02.2011
(54) GEARBOX
(73) A+M Fertigungstechnik GmbH
(72) PALESCH, Edwin
(31) 102010010663
(32) 01.03.2010
(33) Germany
-
- (51) F16H 57/02
F02B 61/02
B62M 7/02
(11) EP2031278
(21) EP08252882.9
(47) 23.05.2018
(22) 29.08.2008
(54) Engine and straddle type vehicle
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) Nakayama, Yoshiharu
(31) 2007227087
2007312910
(32) 31.08.2007
03.12.2007
(33) Japan
Japan
-
- (51) F16H 61/02
(11) EP2949970
(21) EP13872690.6
(47) 23.05.2018
(87) JP2013051136
31.07.2014
(22) 22.01.2013
(54) CONTROL UNIT, VEHICLE EQUIPPED WITH CONTROL UNIT, CONTROL PROGRAM AND CONTROL METHOD
(73) Yamaha Hatsudoki Kabushiki Kaisha

| | | |
|--|---|--|
| (72) IIZUKA, Shinya MURAYAMA, Yasunori | (54) Shaft seal, in particular a radial shaft seal | F16K 27/12 |
| (51) F16H 61/04 | (73) Kaco GmbH & Co. KG | (11) EP3026308 |
| F16H 61/662 | (72) Hoffmann, Tobias | (21) EP15196367.5 |
| F16H 59/38 | Podeswa, Matthias | (47) 23.05.2018 |
| F16H 61/70 | (31) 102012001226 | (22) 25.11.2015 |
| F16H 37/02 | (32) 19.01.2012 | (54) A TAP FOR SANITARY APPLIANCES |
| (11) EP2902668 | (33) Germany | (73) Marco Mammoliti S.p.A. |
| (21) EP13841280.4 | (51) F16J 15/34 | (72) CRISTOFARO, Antonio |
| (47) 23.05.2018 | F16J 15/40 | (31) MI20142026 |
| (87) JP2013073649 | (11) EP2213915 | (32) 25.11.2014 |
| 03.04.2014 | (21) EP08852932.6 | (33) Italy |
| (22) 03.09.2013 | (47) 23.05.2018 | (51) F16K 31/06 |
| (54) CONTINUOUSLY VARIABLE TRANSMISSION AND CONTROL METHOD THEREOF | (87) JP2008070946 | (11) EP3037704 |
| (73) Nissan Motor Co., Ltd | 28.05.2009 | (21) EP14199740.3 |
| Jatco Ltd | (22) 18.11.2008 | (47) 23.05.2018 |
| (72) INOUE, Mamiko | (54) MECHANICAL SEAL AND TANDEM SEAL | (22) 22.12.2014 |
| TANAKA, Hiroyasu | (73) Eagle Industry Co., Ltd. | (54) Mixing valve |
| INOUE, Takuichiro | (72) OSHII, Yoji | (73) Grundfos Management A/S |
| (31) 2012213943 | AKIYAMA, Koji | (72) Iversen, Käre |
| (32) 27.09.2012 | WATANABE, Koji | (51) F16K 31/08 |
| (33) Japan | KANEKO, Atsushi | F16K 31/06 |
| (51) F16H 61/662 | (31) 2007300363 | (11) EP3039324 |
| (11) EP3124834 | (32) 20.11.2007 | (21) EP15722053.4 |
| (21) EP15769064.5 | (33) Japan | (47) 23.05.2018 |
| (47) 23.05.2018 | (51) F16K 1/10 | (87) EP2015000686 |
| (87) JP2015055518 | F16K 25/00 | 05.11.2015 |
| 01.10.2015 | (11) EP2633211 | (22) 31.03.2015 |
| (22) 26.02.2015 | (21) EP11791066.1 | (54) VALVE ARRANGEMENT |
| (54) CONTROL DEVICE FOR CONTINUOUSLY VARIABLE TRANSMISSION | (47) 23.05.2018 | (73) Festo AG & Co. KG |
| (73) Jatco Ltd | (87) PL2011000112 | (72) MUNZ, Gebhard |
| (72) HONMA, Tomoaki | 03.05.2012 | LENZ, Markus |
| TAKAHASHI, Seiichiro | (22) 27.10.2011 | SCHAEPPERLE, Jochen |
| KOBAYASHI, Takahiro | (54) BALANCING VALVE | (31) 102014006510 |
| EGUCHI, Takashi | (73) ZETKAMA Spółka z ograniczona odpowiedzialnoscia | (32) 02.05.2014 |
| NOBU, Hisao | (72) ROGALKA, Marcin | (33) Germany |
| SAKAKIBARA, Kenji | LISOWSKI, Andrzej | (51) F16L 11/04 |
| (31) 2014066022 | DEREN, Boguslaw | B32B 7/12 |
| (32) 27.03.2014 | GOLABEK, Edmund | B32B 27/08 |
| (33) Japan | (31) 39278710 | B32B 27/30 |
| (51) F16J 15/02 | 11945510 U | B32B 27/34 |
| B63H 5/10 | (32) 28.10.2010 | B32B 27/40 |
| B63H 20/02 | 28.10.2010 | B32B 1/08 |
| (11) EP3030811 | (33) Poland | (11) EP2177805 |
| (21) EP14833818.9 | Poland | (21) EP09172809.7 |
| (47) 23.05.2018 | (51) F16K 3/26 | (47) 23.05.2018 |
| (87) US2014049582 | E03C 1/04 | (22) 12.10.2009 |
| 12.02.2015 | F16K 11/072 | (54) Synthetic resin tube with gas barrier properties |
| (22) 04.08.2014 | F16K 11/22 | (73) Toyox Co., Ltd. |
| (54) MARINE POD HULL SEAL ASSEMBLY | F16K 15/02 | (72) Kanai, Katsumasa |
| (73) Caterpillar Inc. | F16K 31/00 | (31) 2008265369 |
| (72) SCHLINTZ, John C. | (11) EP3187757 | (32) 14.10.2008 |
| (31) 201313959170 | (21) EP16001283.7 | (33) Japan |
| (32) 05.08.2013 | (47) 23.05.2018 | (51) F16L 13/14 |
| (33) United States of America | (22) 07.06.2016 | F16L 19/02 |
| (51) F16J 15/3208 | (54) A COOL WATER DISCHARGING METHOD AND A SWITCH VALVE WITH COOL WATER DISCHARGING FUNCTION | (11) EP3011211 |
| F16J 15/3232 | (73) Xiamen Solex High-tech Industries Co., Ltd. | (21) EP14736215.6 |
| F16J 15/324 | (72) LIN, Fangqi | (47) 23.05.2018 |
| F16J 15/3244 | DAN, Tangjun | (87) US2014042031 |
| F16J 15/3228 | Gong, Weiguo | 24.12.2014 |
| (11) EP2618032 | (31) 201511027304 | (22) 12.06.2014 |
| (21) EP13000228.0 | (32) 31.12.2015 | (54) VISUAL INDICATOR FOR SWAGE FLUID COUPLING |
| (47) 23.05.2018 | (33) China | (73) Eaton Corporation |
| (22) 17.01.2013 | (51) F16K 11/078 | (72) NEAL, Jon, Wallace |
| | | SHOWN, Robert, Charles |
| | | BREAY, Clifton, P. |
| | | (31) 201313922872 |

| | | |
|--|---|------------------------------------|
| (32) 20.06.2013 | (32) 22.02.2013 | (33) Germany |
| (33) United States of America | (33) United States of America | Germany |
| (51) F16L 17/025 | (51) F16L 33/00 | (51) F17C 1/06 |
| F16L 19/025 | F16L 33/08 | F17C 1/16 |
| F17C 13/00 | F16L 33/02 | (11) EP2954249 |
| F17C 13/04 | (11) EP2728234 | (21) EP14703538.0 |
| (11) EP3067610 | (21) EP13157268.7 | (47) 23.05.2018 |
| (21) EP16159179.7 | (47) 23.05.2018 | (87) EP2014000324 |
| (47) 23.05.2018 | (22) 28.02.2013 | 14.08.2014 |
| (22) 08.03.2016 | (54) A strap-band type connecting device | (22) 06.02.2014 |
| (54) FILLING METHOD AND FILLING TOOL | (73) Sogyo Co., Ltd. | (54) DEVICE FOR THE STORAGE AND |
| (73) L'AIR LIQUIDE, SOCIETE ANONYME | (72) Takagi, Ryuichi | DELIVERY OF LIQUID AND/OR |
| POUR L'ETUDE ET L'EXPLOITATION | Kimura, Shigenobu | GASEOUS MEDIA UNDER PRESSURE |
| DES PROCEDES GEORGES CLAUDE | (31) 2012244398 | AND FUEL-ENERGY CONVERSION |
| (72) FELIX, Emmanuel | 2012244262 | DEVICE AND METHOD FOR FITTING |
| PAOLI, Hervé Roger | (32) 06.11.2012 | A DEVICE FOR THE STORAGE AND |
| REAUX, Christophe | 06.11.2012 | DELIVERY OF LIQUID AND/OR |
| (31) 1552053 | (33) Japan | GASEOUS MEDIA UNDER PRESSURE |
| (32) 12.03.2015 | Japan | (73) REHAU AG + Co |
| (33) France | (51) F16L 37/02 | (72) LANZL, Thomas |
| (51) F16L 19/02 | B65D 39/14 | HOFMANN, Franz |
| F16L 19/028 | G01M 3/02 | (31) 202013100594 U |
| F02M 55/00 | (11) EP2831483 | 102013101425 |
| F02M 59/02 | (21) EP13717707.7 | (32) 08.02.2013 |
| (11) EP3155305 | (47) 23.05.2018 | 13.02.2013 |
| (21) EP15733884.9 | (87) EP2013000946 | (33) Germany |
| (47) 23.05.2018 | 03.10.2013 | Germany |
| (87) IB2015000832 | (22) 28.03.2013 | (51) F17C 5/06 |
| 17.12.2015 | (54) SEALED COUPLING DEVICE | F17C 13/02 |
| (22) 05.06.2015 | (73) Helium Technology S.r.l. | (11) EP1680620 |
| (54) PIPE CONNECTION STRUCTURE | (72) VAI, Riccardo | (21) EP04791241.5 |
| (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (31) BO20120174 | (47) 23.05.2018 |
| (72) KATO, Yoshikazu | (32) 30.03.2012 | (87) EP2004052560 |
| (31) 2014119757 | (33) Italy | 12.05.2005 |
| (32) 10.06.2014 | (51) F16M 11/10 | (22) 15.10.2004 |
| (33) Japan | F16M 11/24 | (54) METHOD FOR FILLING A PRESSURE |
| (51) F16L 19/028 | F16M 11/42 | VESSEL WITH GAS |
| F16L 23/00 | F16M 13/02 | (73) Messer Group GmbH |
| F16L 23/028 | (11) EP2831486 | (72) GRABHORN, Hermann |
| F16L 23/16 | (21) EP13714138.8 | KLEBE, Ulrich |
| F16L 35/00 | (47) 23.05.2018 | MICHEL, Friedel |
| (11) EP3163141 | (87) US2013032412 | (31) 10349108 |
| (21) EP16192903.9 | 03.10.2013 | (32) 17.10.2003 |
| (47) 23.05.2018 | (22) 15.03.2013 | (33) Germany |
| (22) 07.10.2016 | (54) COUNTERBALANCING LIFT | (51) F17C 13/04 |
| (54) PIPE CONNECTION ASSEMBLY WITH | MECHANISMS AND METHODS | F16K 17/04 |
| SPLASH AND ACCIDENT PROTECTION | (73) Ergotron, Inc. | (11) EP3036472 |
| (73) Tetra Laval Holdings & Finance S.A. | (72) ERGUN, Mustafa, A. | (21) EP14755541.1 |
| (72) EGGLEER, Thomas | FLUHRER, Robert, W. | (47) 23.05.2018 |
| (31) 1551408 | ASAMARAI, Saeb | (87) US2014051049 |
| (32) 30.10.2015 | (31) 201261618138 P | 26.02.2015 |
| (33) Sweden | (32) 30.03.2012 | (22) 14.08.2014 |
| (51) F16L 25/01 | (33) United States of America | (54) PRESSURE RELIEF DETECTION FOR |
| G01N 27/20 | (51) F16M 11/38 | USE WITH GAS STORAGE |
| G01N 27/24 | (11) EP2505903 | (73) Nuvera Fuel Cells, LLC |
| H01R 39/64 | (21) EP12001726.4 | (72) GORDON, Bryan |
| (11) EP2959202 | (47) 23.05.2018 | (31) 201361869119 P |
| (21) EP14708440.4 | (22) 14.03.2012 | (32) 23.08.2013 |
| (47) 23.05.2018 | (54) Carrying device for an operating theatre | (33) United States of America |
| (87) US2014017590 | (73) Karl Storz SE & Co. KG | (51) F21S 2/00 |
| 28.08.2014 | (72) Abri, Omid | F21V 17/00 |
| (22) 21.02.2014 | Schrader, Stephan | F21V 29/00 |
| (54) FLEXIBLE CONTACT ARRANGEMENT | Karge, Thorsten | F21V 19/00 |
| FOR HOSE ASSEMBLY | Verkin, Julian | F21V 23/06 |
| (73) Eaton Corporation | (31) 102011076317 | F21V 31/00 |
| (72) WELLS, Michael Paul | 102011001681 | F21S 8/00 |
| BETSINGER, James Dean | (32) 24.05.2011 | F21Y 115/10 |
| (31) 201361768325 P | 30.03.2011 | F21W 131/103 |

| | | |
|--|---|---|
| F21W 111/06 | 08.06.2017 | (87) EP2013051588 |
| F21W 131/101 | (22) 21.11.2016 | 08.08.2013 |
| (11) EP2881647 | (54) LIGHTING DEVICE AND LIGHTING SYSTEM | (22) 28.01.2013 |
| (21) EP13823594.0 | (73) Philips Lighting Holding B.V. | (54) LENS AND OMNIDIRECTIONAL ILLUMINATION DEVICE COMPRISING THE LENS |
| (47) 23.05.2018 | (72) MAGIELSE, Remco | (73) LEDVANCE GmbH |
| (87) CN2013000880 | VAN DIJK, Andreas, Adrianus, Jozef | (72) LIN, XueQin |
| 30.01.2014 | HAGELAAR, Joris, Hubertus, Antonius | CHENG, YingJun |
| (22) 23.07.2013 | VAN TETRODE, Niels | (31) 201210021809 |
| (54) UNIVERSAL-LED-BULB CONSTRUCTION METHOD, CLAMPING-RING-STRUCTURED LED BULB, AND LED LAMP | (31) 15197169 | (32) 31.01.2012 |
| (73) Guizhou Guangpusen Photoelectric Co., Ltd | (32) 01.12.2015 | (33) China |
| (72) ZHANG, Jiqiang | (33) European Patent Office (EPO) | (51) F21V 7/00 |
| ZHANG, Zheyuan | (51) F21S 8/02 | F21V 5/04 |
| (31) 201210253702 | F21V 17/16 | F21V 5/00 |
| 201210253483 | F21V 7/22 | G02B 17/08 |
| 201210253682 | F21V 5/00 | G02B 19/00 |
| 201210253802 | F21S 2/00 | F21Y 101/00 |
| 201210253816 | F21Y 115/10 | F21Y 103/10 |
| 201210253481 | F21Y 103/10 | F21Y 115/10 |
| 201210253766 | F21V 7/00 | (11) EP3112747 |
| 201210253730 | F21Y 101/00 | (21) EP16176594.6 |
| 201210253729 | (11) EP3106743 | (47) 23.05.2018 |
| (32) 23.07.2012 | (21) EP16174085.7 | (22) 28.06.2016 |
| 23.07.2012 | (22) 13.06.2016 | (54) OPTICAL ELEMENT FOR INFLUENCING THE LIGHT EMITTED BY AN EXTENDED ILLUMINATION SOURCE |
| 23.07.2012 | (54) LUMINAIRE MODULAR SURFACE COVERING ARRANGEMENT AND LUMINAIRE KIT | (73) Zumtobel Lighting GmbH |
| 23.07.2012 | (73) Philips Lighting Holding B.V. | (72) Dünschede, Elmar |
| 23.07.2012 | (72) LIU, Feng | von Kloeden, Burkhard |
| 23.07.2012 | RIEMER, Adema | (31) 202015103490 U |
| 23.07.2012 | MARIUSZ, Jankow | (32) 02.07.2015 |
| 23.07.2012 | ZACH, Aleksander | (33) Germany |
| (33) China | (31) PCT/CN2015/081577 | (51) F21V 7/00 |
| China | 15183472 | F21V 7/09 |
| China | (32) 16.06.2015 | F21V 7/10 |
| China | 02.09.2015 | F21V 7/06 |
| China | (33) World Intellectual Property Office (WIPO) | F21V 7/08 |
| China | European Patent Office (EPO) | F21Y 101/00 |
| China | (51) F21V 5/00 | F21Y 115/10 |
| China | F21V 17/04 | (11) EP3132189 |
| China | G02B 19/00 | (21) EP15713700.1 |
| (51) F21S 4/00 | F21Y 115/10 | (47) 23.05.2018 |
| F21V 17/12 | F21Y 105/10 | (87) EP2015056635 |
| F21V 17/16 | F21V 7/00 | 01.10.2015 |
| F21V 19/00 | (11) EP3175170 | (22) 26.03.2015 |
| F21V 5/00 | (21) EP15762741.5 | (54) PROJECTOR WITH DIRECTIONAL REFLECTORS FOR LEDS |
| F21Y 115/10 | (47) 23.05.2018 | (73) FAEL S.p.A. |
| (11) EP3006817 | (87) IB2015055720 | (72) SANGIORGIO, Flavio Mauro |
| (21) EP15188332.9 | 04.02.2016 | RIERA, Andrea Giuseppe |
| (47) 23.05.2018 | (22) 29.07.2015 | (31) MI20140542 |
| (22) 05.10.2015 | (54) METHODS AND APPARATUS FOR OPTIC HOLDER DESIGN | (32) 28.03.2014 |
| (54) ELONGATED LED LAMP | (73) Koninklijke Philips N.V. | (33) Italy |
| (73) Zumtobel Lighting GmbH | (72) WESSNER, Zachary Robert | (51) F21V 8/00 |
| (72) Frick, Joachim | (31) 201462030748 P | (11) EP3221637 |
| Kilga, Patrick | (32) 30.07.2014 | (21) EP14799776.1 |
| Rüf, Wolfgang | (33) United States of America | (47) 23.05.2018 |
| (31) 202014104796 U | (51) F21V 5/04 | (87) EP2014074949 |
| (32) 07.10.2014 | F21V 7/00 | 26.05.2016 |
| (33) Germany | F21V 29/77 | (22) 19.11.2014 |
| (51) F21S 4/28 | F21K 9/232 | (54) A LIGHT EMITTING DEVICE |
| F21Y 115/10 | F21K 9/60 | (73) Philips Lighting Holding B.V. |
| F21Y 101/00 | F21Y 101/00 | (72) HIKMET, Rifat Ata Mustafa |
| F21Y 113/10 | F21Y 115/10 | DIJKEN, Durandus Kornelius |
| (11) EP3234447 | (11) EP2809986 | VAN BOMMEL, Ties |
| (21) EP16798508.4 | (21) EP13705406.0 | (51) F21V 23/00 |
| (47) 23.05.2018 | (47) 23.05.2018 | F21V 23/06 |
| (87) EP2016078321 | | |

| | | |
|--|--|---|
| F21K 9/23 | (22) 11.01.2016 | MURAYAMA, Motohide |
| F21Y 115/10 | (54) FASTENING DEVICE FOR | MINAKAWA, Katsuhiko |
| (11) EP2937628 | THERMOINSULATING TILE OF GAS | (31) 2006285906 |
| (21) EP13865211.0 | TURBINE COMBUSTION CHAMBER | (32) 20.10.2006 |
| (47) 23.05.2018 | (73) A.S.EN. Ansaldo Sviluppo Energia S.r.l. | (33) Japan |
| (87) CN2013089611 | ANSALDO ENERGIA S.P.A. | (51) F24C 3/12 |
| 26.06.2014 | (72) PISTONE, Valerio | F24C 3/14 |
| (22) 16.12.2013 | (31) MI20150015 | (11) EP2142856 |
| (54) ELECTRIC CONNECTING PIECE AND | (32) 12.01.2015 | (21) EP08718372.9 |
| LED LAMP USING SAME | (33) Italy | (47) 23.05.2018 |
| (73) Leeleds Lighting (Xiamen) Co., Ltd. | (51) F23Q 7/00 | (87) EP2008053850 |
| (72) WANG, Linhua | (11) EP2889541 | 09.10.2008 |
| ZHU, Xiaolei | (21) EP14191900.1 | (22) 31.03.2008 |
| ZHOU, Lin | (47) 23.05.2018 | (54) A STOVE |
| ZHAO, Han | (22) 05.11.2014 | (73) Walsh, Dermot |
| (31) 201210562730 | (54) GLOW PLUG | Holton, Michael |
| (32) 21.12.2012 | (73) NGK Spark Plug Co., Ltd. | (72) Walsh, Dermot |
| (33) China | (72) Morita, Kazuto | Holton, Michael |
| (51) F21V 23/04 | Shinya Murakoshi | (31) 20070227 |
| F21K 9/232 | (31) 2013237001 | (32) 30.03.2007 |
| F21Y 115/10 | 2014180916 | (33) Ireland |
| (11) EP3139086 | (32) 15.11.2013 | (51) F24C 7/02 |
| (21) EP16182950.2 | 05.09.2014 | F24C 1/00 |
| (47) 23.05.2018 | (33) Japan | H05B 6/64 |
| (22) 05.08.2016 | Japan | (11) EP3104083 |
| (54) LIGHTING DEVICE WITH A WIRELESS | (51) F23R 3/00 | (21) EP15746402.5 |
| COMMUNICATION ANTENNA | (11) EP2995863 | (47) 23.05.2018 |
| (73) Philips Lighting Holding B.V. | (21) EP15183923.0 | (87) JP2015000509 |
| (72) VAN BOMMEL, Ties | (47) 23.05.2018 | 13.08.2015 |
| MARINUS, Antonius, Adrianus, Maria | (22) 04.09.2015 | (22) 05.02.2015 |
| LOUH, Yacouba | (54) SINGLE-WALLED COMBUSTOR FOR A | (54) HEAT COOKER |
| BAAS, Frank, Jan | GAS TURBINE ENGINE AND METHOD | (73) Panasonic Intellectual Property Management |
| (31) 15183300 | OF MANUFACTURE | Co., Ltd. |
| (32) 01.09.2015 | (73) United Technologies Corporation | (72) HAYASHI, Takahiro |
| (33) European Patent Office (EPO) | (72) BURD, Steven W. | OTSUKI, Yuichi |
| (51) F21V 23/04 | (31) 201462047954 P | YAMASHITA, Seiichi |
| H05B 37/02 | (32) 09.09.2014 | FUKUI, Mikio |
| F21W 131/103 | (33) United States of America | KAMIYA, Toshifumi |
| (11) EP3039335 | (51) F23R 3/06 | (31) 2014020427 |
| (21) EP13759157.4 | F23R 3/50 | (32) 05.02.2014 |
| (47) 23.05.2018 | F23D 11/10 | (33) Japan |
| (87) EP2013067903 | (11) EP2778529 | (51) F24C 15/16 |
| 05.03.2015 | (21) EP14158798.0 | A47B 88/57 |
| (22) 29.08.2013 | (47) 23.05.2018 | A47B 88/493 |
| (54) LUMINAIRE CONTROLLERS | (22) 11.03.2014 | (11) EP3127453 |
| (73) Schreder | (54) Combustor for gas turbine engine | (21) EP16190356.2 |
| (72) BRAND, Daniel | (73) PRATT & WHITNEY CANADA CORP. | (47) 23.05.2018 |
| SCHROEDER, Helmut | (72) Prociw, Lev Alexander | (22) 08.10.2012 |
| (51) F23D 14/58 | Zabeti, Parham | (54) PULL-OUT GUIDE |
| F23R 3/28 | (31) 201313795089 | (73) Paul Hettich GmbH & Co. KG |
| F02K 9/52 | (32) 12.03.2013 | (72) FROBIETER, Edgar |
| F23N 1/00 | (33) United States of America | REIDT, Daniel |
| (11) EP2977677 | (51) F23R 3/12 | REHAGE, Daniel |
| (21) EP15002152.5 | F23R 3/28 | (31) 102011054728 |
| (47) 23.05.2018 | F23R 3/52 | 102011055525 |
| (22) 21.07.2015 | F23R 3/06 | 102012104129 |
| (54) INJECTION ELEMENT FOR A ROCKET | F23R 3/58 | (32) 21.10.2011 |
| COMBUSTION CHAMBER | (11) EP2075508 | 18.11.2011 |
| (73) ArianeGroup GmbH | (21) EP07829966.6 | 11.05.2012 |
| (72) Alting, Jan | (47) 23.05.2018 | (33) Germany |
| (31) 102014011101 | (87) JP2007070232 | Germany |
| (32) 24.07.2014 | 24.04.2008 | Germany |
| (33) Germany | (22) 17.10.2007 | (51) F24D 3/18 |
| (51) F23M 5/04 | (54) GAS TURBINE COMBUSTOR | F24D 3/02 |
| F23R 3/00 | (73) IHI Corporation | F24D 3/08 |
| (11) EP3043113 | Tokyo Metropolitan University | F24D 3/10 |
| (21) EP16150819.7 | (72) YUASA, Saburo | F24F 5/00 |
| (47) 23.05.2018 | SAKURAI, Takashi | F24H 1/00 |

| | | |
|---|--|--|
| F24D 19/10 | (31) 102004062916 | (33) Japan |
| F24D 11/02 | (32) 22.12.2004 | (51) F24F 13/14 |
| (11) EP2056025 | (33) Germany | F24F 13/06 |
| (21) EP07792008.0 | (51) F24F 11/00 | F24F 13/20 |
| (47) 23.05.2018 | F24F 1/00 | B29C 45/00 |
| (87) JP2007065335 | F24F 13/14 | F24F 13/22 |
| 14.02.2008 | (11) EP2913600 | F24F 1/00 |
| (22) 06.08.2007 | (21) EP15156531.4 | (11) EP2813777 |
| (54) HOT WATER CIRCULATION HEATING SYSTEM FOR HEATING BUILDING BY HOT WATER CIRCULATION | (47) 23.05.2018 | (21) EP13746185.1 |
| (73) Daikin Industries, Ltd. | (22) 25.02.2015 | (47) 23.05.2018 |
| (72) TAIRA, Shigeharu, c/o Shiga Plant | (54) AIR CONDITIONER AND OPERATION METHOD OF THE SAME | (87) JP2013000645 |
| (31) 2006215113 | (73) LG Electronics Inc. | 15.08.2013 |
| (32) 07.08.2006 | (72) Sung, Anna | (22) 06.02.2013 |
| (33) Japan | (31) 20140023780 | (54) INDOOR UNIT |
| (51) F24D 19/10 | (32) 28.02.2014 | (73) Daikin Industries, Ltd. |
| F24H 9/20 | (33) Korea (Republic) | (72) MICHITSUJI, Yoshiharu |
| F24D 19/00 | (51) F24F 11/00 | (31) 2012027789 |
| (11) EP2940391 | G09G 5/02 | (32) 10.02.2012 |
| (21) EP13867829.7 | G09G 5/06 | (33) Japan |
| (47) 23.05.2018 | (11) EP2455934 | (51) F24F 13/20 |
| (87) KR2013008315 | (21) EP10799685.2 | F24F 13/08 |
| 03.07.2014 | (47) 23.05.2018 | F24F 6/04 |
| (22) 13.09.2013 | (87) JP2010059394 | A61L 9/015 |
| (54) FREEZE PROTECTION METHOD FOR HEATING PIPE AND HOT WATER PIPE OF BOILER | 20.01.2011 | A61L 9/16 |
| (73) Kyungdong Navien Co., Ltd. | (22) 02.06.2010 | A61L 9/20 |
| (72) KIM, Young Bum | (54) FACILITY OPERATION DISPLAY DEVICE, AIR-CONDITIONING SYSTEM, AND PROGRAM | A61L 9/22 |
| PARK, Su Dae | (73) Mitsubishi Electric Corporation | F24F 13/22 |
| (31) 20120153945 | (72) MUKAI, Takuya | F24F 11/30 |
| (32) 26.12.2012 | NAKATA, Masanori | F24F 6/02 |
| (33) Korea (Republic) | KOIZUMI, Yoshiaki | F24F 110/10 |
| (51) F24F 1/00 | KATSUKURA, Makoto | F24F 110/20 |
| F24F 13/14 | KUSHIRO, Noriyuki | F24F 110/50 |
| (11) EP2835588 | (31) 2009169592 | F24F 110/64 |
| (21) EP14179214.3 | (32) 17.07.2009 | F24F 110/66 |
| (47) 23.05.2018 | (33) Japan | F24F 13/30 |
| (22) 31.07.2014 | (51) F24F 11/02 | (11) EP3165834 |
| (54) Indoor unit for air-conditioning apparatus | F24F 11/00 | (21) EP14896720.1 |
| (73) Mitsubishi Electric Corporation | G05B 15/02 | (47) 23.05.2018 |
| (72) Matsunaga, Naoya | (11) EP2950013 | (87) CN2014093288 |
| Maruyama, Masaaki | (21) EP13872374.7 | 07.01.2016 |
| (31) 2013162535 | (47) 23.05.2018 | (22) 08.12.2014 |
| (32) 05.08.2013 | (87) JP2013051648 | (54) TOP COVER FOR AIR TREATMENT SYSTEM AND AIR TREATMENT SYSTEM |
| (33) Japan | 31.07.2014 | (73) Qingdao Haier Air Conditioner Gen Corp., Ltd. |
| (51) F24F 1/00 | (22) 25.01.2013 | (72) WANG, Youning |
| F24F 13/20 | (54) AIR-CONDITIONING SYSTEM | ZHUANG, Jialan |
| (11) EP2199695 | (73) Mitsubishi Electric Corporation | WANG, Jianguo |
| (21) EP09252875.1 | (72) TANAKA, Yasuhiko | ZHU, Zhenxue |
| (47) 23.05.2018 | YABUTA, Atsuhiko | FAN, Mingjing |
| (22) 22.12.2009 | (51) F24F 11/02 | YUAN, Shanna |
| (54) Ceiling mounting type air conditioner | F24F 11/00 | WANG, Yongtao |
| (73) LG Electronics Inc. | G05D 23/19 | CHEN, Yanshan |
| (72) Jeong, Man Sik | (11) EP2833076 | (31) 201410315359 |
| (31) 20080131709 | (21) EP13767534.4 | (32) 03.07.2014 |
| (32) 22.12.2008 | (47) 23.05.2018 | (33) China |
| (33) Korea (Republic) | (87) JP2013001061 | (51) F25B 3/00 |
| (51) F24F 5/00 | 03.10.2013 | (11) EP3137821 |
| F24D 3/14 | (22) 25.02.2013 | (21) EP15724506.9 |
| (11) EP1674801 | (54) APPARATUS CONTROL DEVICE, APPARATUS CONTROL SYSTEM, AND PROGRAM | (47) 23.05.2018 |
| (21) EP05027302.8 | (73) Panasonic Intellectual Property Management Co., Ltd. | (87) AT2015050098 |
| (47) 23.05.2018 | (72) MISE, Atsushi | 29.10.2015 |
| (22) 14.12.2005 | (31) 2012076395 | (22) 22.04.2015 |
| (54) Air conditioning element | (32) 29.03.2012 | (54) DEVICE AND METHOD FOR CONVERTING THERMAL ENERGY |
| (73) Kälberer, Stefan | | (73) Ecop Technologies GmbH |
| (72) Kälberer, Stefan | | (72) ADLER, Bernhard |

| | | |
|--|--------------------------------------|---|
| (31) 502962014 | (22) 03.08.2012 | F28D 3/02 |
| (32) 23.04.2014 | (54) AIR-CONDITIONING DEVICE | F28F 1/00 |
| (33) Austria | (73) Mitsubishi Electric Corporation | F28F 9/26 |
| (51) F25B 13/00 | (72) TAKENAKA, Naofumi | E03C 1/00 |
| F25B 29/00 | WAKAMOTO, Shimichi | F28D 7/08 |
| F25B 39/02 | YAMASHITA, Koji | (11) EP3094937 |
| F25B 41/00 | HATOMURA, Takeshi | (21) EP15701293.1 |
| F24F 1/26 | (51) F25D 29/00 | (47) 23.05.2018 |
| F24F 1/28 | F25D 23/02 | (87) CH2015000003 |
| F24F 3/06 | (11) EP2756243 | 23.07.2015 |
| (11) EP2204626 | (21) EP12753505.2 | (22) 16.01.2015 |
| (21) EP07828379.3 | (47) 23.05.2018 | (54) HEAT EXCHANGER FOR SHOWER OR |
| (47) 23.05.2018 | (87) EP2012067187 | BATHTUB |
| (87) JP2007068606 | 21.03.2013 | (73) Joulia AG |
| 02.04.2009 | (22) 04.09.2012 | (72) SCHMID, Reto |
| (22) 26.09.2007 | (54) REFRIGERATOR, IN PARTICULAR | SVATON, Roman |
| (54) AIR CONDITIONER | DOMESTIC HOUSEHOLD | RUSCH, Christoph |
| (73) Mitsubishi Electric Corporation | REFRIGERATION DEVICE | (31) 67142014 |
| (72) SHINOZAKI, Kazuyoshi | (73) BSH Hausgeräte GmbH | 12662014 |
| INAGAKI, Tomoki | (72) BECKE, Christoph | (32) 17.01.2014 |
| ONO, Tatsuo | EICHER, Max | 25.08.2014 |
| (51) F25B 23/00 | GORODEZKI, Svetlana | (33) Switzerland |
| F04B 17/00 | STAUD, Ralph | Switzerland |
| H02K 44/02 | KIRSCHBAUM, Maike | (51) F28D 1/03 |
| F04B 19/00 | TISCHER, Thomas | F28D 1/04 |
| F04B 17/03 | (31) 102011082788 | F28D 20/02 |
| F04B 37/00 | (32) 15.09.2011 | (11) EP2798300 |
| F04B 39/00 | (33) Germany | (21) EP12818892.7 |
| F04B 49/06 | (51) F27B 1/00 | (47) 23.05.2018 |
| (11) EP3019798 | F27B 9/38 | (87) EP2012076858 |
| (21) EP14766980.8 | F27B 9/39 | 04.07.2013 |
| (47) 23.05.2018 | F27D 3/00 | (22) 21.12.2012 |
| (87) EP2014069703 | F27B 9/14 | (54) HEAT EXCHANGER |
| 24.03.2016 | F27B 9/34 | (73) MAHLE Behr GmbH & Co. KG |
| (22) 16.09.2014 | F27D 17/00 | (72) SEEWALD, Wolfgang |
| (54) METHOD, DEVICE AND SYSTEM FOR | (11) EP2909555 | VIEHRIG, Falk |
| COOLING | (21) EP13817717.5 | (31) 102011090188 |
| (73) Huawei Technologies Co., Ltd. | (47) 23.05.2018 | (32) 30.12.2011 |
| (72) TSOI, Vadim | (87) IB2013002317 | (33) Germany |
| FANG, Yake | 24.04.2014 | (51) F28D 7/10 |
| (51) F25B 41/06 | (22) 16.10.2013 | F28D 7/14 |
| F25B 43/00 | (54) CARBON BAKING FURNACE | F28F 1/42 |
| (11) EP2821737 | (73) Lazar Anode Technologies AG | B21D 53/06 |
| (21) EP14175238.6 | (72) LAZAROU, Rick Kiriakos | (11) EP2420790 |
| (47) 23.05.2018 | (31) 201261714634 P | (21) EP11168401.5 |
| (22) 01.07.2014 | (32) 16.10.2012 | (47) 23.05.2018 |
| (54) Refrigeration and/or freezer device | (33) United States of America | (22) 01.06.2011 |
| (73) Liebherr-Hausgeräte Ochsenhausen GmbH | (51) F27D 13/00 | (54) Double pipe type heat exchanger and method |
| (72) Grohmann, Prof. Dr.-Ing. Steffen | C21C 5/56 | for manufacturing the same |
| Schenk, Dipl.-Ing. (FH) Matthias | C22B 1/00 | (73) Hanon Systems |
| (31) 102013010964 | C22B 21/00 | (72) Byon, Sang Chul |
| 102013015072 | (11) EP2464940 | Kim, Yong Ho |
| (32) 01.07.2013 | (21) EP10747122.9 | Park, Dae Keun |
| 11.09.2013 | (47) 23.05.2018 | Lee, Nam Joon |
| (33) Germany | (87) US2010045607 | (31) 20100079940 |
| Germany | 17.02.2011 | (32) 18.08.2010 |
| (51) F25B 47/02 | (22) 16.08.2010 | (33) Korea (Republic) |
| F25B 5/00 | (54) WASTE HEAT SYSTEM AND METHOD | (51) F28F 1/12 |
| F25B 13/00 | FOR PREHEATING SCRAP | B21D 53/02 |
| F25B 41/00 | (73) Pyrotek, Inc. | B23K 1/00 |
| F25B 49/02 | (72) SALIBA, Charbel | F28F 1/10 |
| F24F 5/00 | TIPTON, Jon | F28F 3/02 |
| F24F 11/00 | VILD, Chris, T. | B21C 23/08 |
| (11) EP2889559 | (31) 233967 P | B21D 53/08 |
| (21) EP12882176.6 | (32) 14.08.2009 | F28D 1/02 |
| (47) 23.05.2018 | (33) United States of America | F28D 1/04 |
| (87) JP2012004956 | (51) F28D 1/02 | F28F 1/02 |
| 06.02.2014 | F28D 1/047 | F28D 21/00 |

| | | |
|---|--|---|
| (11) EP2962055 | 21.05.2015 | F41A 1/02 |
| (21) EP14756963.6 | (22) 23.10.2014 | (11) EP3084337 |
| (47) 23.05.2018 | (54) SUPPORT DEVICE FOR A TUBE, IN PARTICULAR A TUBE OF A HEAT EXCHANGER DESIGNED TO COME INTO CONTACT WITH A MOTOR VEHICLE BATTERY | (21) EP14879267.4 |
| (87) NO2014000009 | (73) Valeo Systemes Thermiques | (47) 23.05.2018 |
| 04.09.2014 | (72) LEGOT, Laurent | (87) US2014071488 |
| (22) 30.01.2014 | BIREAUD, Fabien | 01.10.2015 |
| (54) FIN SOLUTION RELATED TO MICRO CHANNEL BASED HEAT EXCHANGER | (31) 1361267 | (22) 19.12.2014 |
| (73) Sapa AS | (32) 18.11.2013 | (54) HYBRID PROPELLANT ELECTROMAGNETIC GUN SYSTEM |
| (72) PLOUG, Ole | (33) France | (73) Enig Associates Inc. |
| (31) 20130316 | (51) F28F 21/02 | (72) GRACE, Fred Irvin |
| (32) 01.03.2013 | B29C 70/88 | YILBONG, Kim |
| (33) Norway | F28F 1/12 | ENIG, Eric N. |
| (51) F28F 3/08 | (11) EP2794970 | BENTZ, Daniel |
| F28F 3/10 | (21) EP12806454.0 | BARNARD, Michael J. |
| (11) EP2778594 | (47) 23.05.2018 | (31) 201361918257 P |
| (21) EP12848024.1 | (87) EP2012076134 | 201462001914 P |
| (47) 23.05.2018 | 27.06.2013 | (32) 19.12.2013 |
| (87) JP2012078891 | (22) 19.12.2012 | 22.05.2014 |
| 16.05.2013 | (54) THERMALLY CONDUCTIVE MOLDED BODY AND METHOD FOR THE PRODUCTION THEREOF | (33) United States of America |
| (22) 07.11.2012 | (73) Zehnder Group International AG | United States of America |
| (54) PLATE TYPE HEAT EXCHANGER | (72) KRIESI, Ruedi | (51) F41C 23/16 |
| (73) Hisaka Works, Ltd. | (31) 11194835 | F41C 23/18 |
| Hitachi-GE Nuclear Energy, Ltd. | (32) 21.12.2011 | F41C 23/20 |
| (72) HIWATASHI, Isamu | (33) European Patent Office (EPO) | (11) EP2636984 |
| IWAKI, Mana | (51) F28F 25/08 | (21) EP13155886.8 |
| KUSUNOKI, Kenji | F28D 21/00 | (47) 23.05.2018 |
| ISHIHAMA, Kiyoshi | F24F 5/00 | (22) 20.02.2013 |
| MATSUMURA, Seiichi | C02F 1/00 | (54) Gun stock |
| KUSHIMA, Yukiko | F28D 9/00 | (73) Blaser Finanzholding GmbH |
| (31) 2011247552 | (11) EP3123095 | (72) Knöbel, Bernhard |
| (32) 11.11.2011 | (21) EP15720267.2 | Gabsa, Günther |
| (33) Japan | (47) 23.05.2018 | Rothärmel, Jürgen |
| (51) F28F 9/00 | (87) EP2015056277 | (31) 102012101904 |
| F28F 9/02 | 01.10.2015 | (32) 07.03.2012 |
| F28F 9/12 | (22) 24.03.2015 | (33) Germany |
| F28F 13/06 | (54) INSTALLATION ELEMENT FOR USE IN COOLING TECHNOLOGY, IN WATER TREATMENT, OR IN MASS TRANSFER AND METHOD FOR PRODUCING SUCH AN INSTALLATION ELEMENT | (51) F41H 11/16 |
| F01N 5/02 | (73) ENEXIO Water Technologies GmbH | F41H 11/22 |
| F02G 5/02 | (72) NEUMANN, Ingo | E02F 3/815 |
| F02G 5/04 | (31) 102014104162 | E02F 3/36 |
| H01L 35/30 | (32) 26.03.2014 | E02F 3/627 |
| H01L 35/02 | (33) Germany | E02F 3/76 |
| H01L 35/32 | (51) F41A 19/34 | (11) EP2884220 |
| (11) EP3165735 | F41A 3/22 | (21) EP14197392.5 |
| (21) EP15193504.6 | F41A 17/42 | (47) 23.05.2018 |
| (47) 23.05.2018 | F41A 17/70 | (22) 11.12.2014 |
| (22) 06.11.2015 | F41A 35/02 | (54) A demountable vehicle implement |
| (54) A UNIT FOR CONVERSION OF THERMAL ENERGY | (11) EP2487446 | (73) Pearson Engineering Limited |
| (73) C.R.F. Società Consortile per Azioni | (21) EP11185430.3 | (72) Emmerson, Graham |
| (72) RINALDI, Alex | (47) 23.05.2018 | (31) 201321946 |
| PEROSINO, Andrea | (22) 17.10.2011 | (32) 11.12.2013 |
| SANDRI, Silvano | (54) Action for repeating rifle | (33) United Kingdom |
| (51) F28F 9/013 | (73) Blaser Finanzholding GmbH | (51) F41J 13/00 |
| F28D 1/06 | (72) Hankel, Willi | (11) EP2856071 |
| F28F 1/02 | Rothe, Bastian | (21) EP13800626.7 |
| H01M 10/625 | (31) 202011002579 U | (47) 23.05.2018 |
| B60K 1/04 | (32) 10.02.2011 | (87) SE2013050638 |
| B60K 1/00 | (33) Germany | 12.12.2013 |
| B60L 11/18 | (51) F41B 6/00 | (22) 31.05.2013 |
| H01M 10/623 | | (54) A LEACHING PROTECTOR FOR OUTDOOR SHOOTING RANGES |
| H01M 10/6554 | | (73) Stapp International AB |
| H01M 10/655 | | (72) MOBERG, Gerth |
| H01M 10/613 | | (31) 1250579 |
| (11) EP3071436 | | (32) 04.06.2012 |
| (21) EP14793482.2 | | (33) Sweden |
| (47) 23.05.2018 | | (51) F42B 10/62 |
| (87) EP2014072769 | | (11) EP3058309 |

- (21) EP14809724.9
(47) 23.05.2018
(87) US2014040208
23.04.2015
(22) 30.05.2014
(54) AERO CONTROL SURFACES AND
METHOD OF USE
(73) Raytheon Company
(72) LYMAN, Ward D.
KOEHLER, Frederick B.
SANDERSON, Terry M.
(31) 201314057876
(32) 18.10.2013
(33) United States of America
-
- (51) F42B 30/00
F42B 8/14
F42B 12/62
(11) EP2959261
(21) EP14754532.1
(47) 23.05.2018
(87) SE2014000021
28.08.2014
(22) 19.02.2014
(54) SHELL WITH EJECTABLE SHELL BASE
(73) BAE Systems Bofors AB
(72) REIJO, Vesa
(31) 1300141
(32) 22.02.2013
(33) Sweden
-
- (51) F42D 1/055
F42D 1/05
(11) EP3042147
(21) EP14842686.9
(47) 23.05.2018
(87) US2014053824
12.03.2015
(22) 03.09.2014
(54) METHOD AND APPARATUS FOR
LOGGING ELECTRONIC DETONATORS
(73) Austin Star Detonator Company
(72) TEOWEE, Gimtong
PAPILLON, Bryan E.
HOWE, Larry S.
(31) 201361874392 P
(32) 06.09.2013
(33) United States of America
-
- (51) G01B 3/22
G01B 5/207
(11) EP2645051
(21) EP13160967.9
(47) 23.05.2018
(22) 26.03.2013
(54) Digital indicator and multipoint measuring
apparatus
(73) Mitutoyo Corporation
(72) Hayashida, Shuji
(31) 2012069379
(32) 26.03.2012
(33) Japan
-
- (51) G01B 5/004
G01B 21/04
G01B 3/30
B23Q 3/18
B23Q 17/22
B23H 11/00
B23H 7/02
(11) EP2801438
(21) EP14166431.8
- (47) 23.05.2018
(22) 29.04.2014
(54) Method for measuring reference point
of inclined rotating table in wire electric
discharge machine and measuring jig
(73) FANUC CORPORATION
(72) Yamane, Hikaru
(31) 2013100710
(32) 10.05.2013
(33) Japan
-
- (51) G01B 11/03
G01K 11/32
H02G 3/00
(11) EP2426799
(21) EP09844056.3
(47) 23.05.2018
(87) JP2009071313
04.11.2010
(22) 22.12.2009
(54) METHOD AND DEVICE FOR
ANALYZING LAYING CONDITION OF
WIRE
(73) Fujitsu Limited
(72) UNO, Kazushi
TAKEI, Fumio
KASAJIMA, Takeo
(31) 2009107515
(32) 27.04.2009
(33) Japan
-
- (51) G01B 11/26
B21D 5/02
(11) EP3172530
(21) EP15756815.5
(47) 23.05.2018
(87) AT2015050176
28.01.2016
(22) 22.07.2015
(54) BENDING ANGLE MEASURING
APPARATUS AND METHOD FOR
MEASURING A BENDING ANGLE BY
MEANS OF THE BENDING ANGLE
MEASURING APPARATUS
(73) TRUMPF Maschinen Austria GmbH & Co.
KG.
(72) ANGERER, Gerhard
FREUDENTHALER, Klemens
HAUSMANN, Florian
HÖRL, Matthias
KOVJENIC, Nenad
MAIER, Florian
THEIS, Helmut
WALDHERR, Manfred
(31) 505152014
(32) 23.07.2014
(33) Austria
-
- (51) G01B 11/30
(11) EP2863169
(21) EP14185598.1
(47) 23.05.2018
(22) 19.09.2014
(54) Apparatus and method for measuring caliper
of creped tissue paper
(73) Honeywell International Inc.
(72) Kellomaki, Markku
Paavola, Antti
(31) 201361892235 P
201414222251
(32) 17.10.2013
- 21.03.2014
(33) United States of America
United States of America
-
- (51) G01B 17/02
G01N 29/07
G01N 29/30
(11) EP3121559
(21) EP15382384.4
(47) 23.05.2018
(22) 24.07.2015
(54) METHOD FOR MEASURING THICKNESS
OF CARBON FIBER COMPONENTS
USING ULTRASOUNDS
(73) Airbus Operations S.L.
(72) JARA BLÁZQUEZ, Luis
TORRES MACARRILLA, David
BERMEJO GONZÁLEZ, Sergio
LÓPEZ BRAVO, David
-
- (51) G01C 13/00
G04B 47/06
(11) EP2325603
(21) EP09176366.4
(47) 23.05.2018
(22) 18.11.2009
(54) High-contrast capillary depth gauge and
watch comprising such a depth gauge
(73) The Swatch Group Research and
Development Ltd.
(72) Rebeaud, Nicolas
Sagardoyburu, Michel
-
- (51) G01C 15/00
G01S 11/12
G01S 1/70
G01S 5/16
(11) EP1307704
(21) EP01958039.8
(47) 23.05.2018
(87) EP2001008841
07.02.2002
(22) 31.07.2001
(54) MEASURING DEVICE AND RECEIVER
FOR DETERMINING DISTANCE AND/OR
POSITION
(73) Trimble Inc.
(72) Essling, Mirko
Kasper, Michael
Jörg, Klaus-Werner
(31) 10037853
10059240
(32) 01.08.2000
29.11.2000
(33) Germany
Germany
-
- (51) G01C 21/00
G01C 23/00
B64D 45/04
G05D 1/06
G08G 5/00
G08G 5/02
(11) EP2587217
(21) EP12190292.8
(47) 23.05.2018
(22) 26.10.2012
(54) Method and associated system for adjusting
sink rate alert envelope for special landing
zones
(73) Honeywell International Inc.
(72) Ishihara, Yasuo

| | | |
|---|---|--|
| Johnson, Steve | (51) G01C 21/34 | H02J 13/00 |
| Ostrom, Gary A. | G01C 21/36 | (11) EP2838173 |
| (31) 201113286141 | (11) EP2697608 | (21) EP14180035.9 |
| (32) 31.10.2011 | (21) EP12723093.6 | (47) 23.05.2018 |
| (33) United States of America | (47) 23.05.2018 | (22) 06.08.2014 |
| (51) G01C 21/16 | (87) EP2012001180 | (54) ADVANCED ENERGY MONITORING |
| G01C 21/20 | 04.10.2012 | AND CONTROL IN A COMPLEX |
| G01C 25/00 | (22) 16.03.2012 | SYSTEM |
| G01C 17/38 | (54) METHOD AND APPARATUS FOR | (73) The Boeing Company |
| G01C 21/26 | CARRYING OUT TRAVEL ROUTE | (72) Li, Sherwin C. |
| (11) EP2299241 | PLANNING FOR A VEHICLE | (31) 201313963040 |
| (21) EP10176145.0 | (73) Volkswagen Aktiengesellschaft | (32) 09.08.2013 |
| (47) 23.05.2018 | (72) HOCH, Nicklas | (33) United States of America |
| (22) 10.09.2010 | WERTHER, Bernd | (51) G01D 5/14 |
| (54) Cellular phone having navigation device, | ANDERS, Peter | B62D 15/02 |
| correcting value initializing method, and | (31) 102011001577 | B62D 7/14 |
| navigation function | (32) 01.04.2011 | B60G 17/019 |
| (73) Sony Corporation | (33) Germany | (11) EP2816321 |
| (72) Kimishima, Masato | (51) G01C 21/36 | (21) EP14170166.4 |
| (31) 2009216081 | G06F 3/023 | (47) 23.05.2018 |
| (32) 17.09.2009 | G06F 3/0338 | (22) 28.05.2014 |
| (33) Japan | G06F 3/0482 | (54) Displacement detection apparatus for linear |
| (51) G01C 21/16 | (11) EP1959238 | motion mechanism and rear wheel steering |
| G01C 22/00 | (21) EP07003018.4 | apparatus for vehicle including the same |
| A63B 29/02 | (47) 23.05.2018 | (73) AISIN SEIKI KABUSHIKI KAISHA |
| (11) EP3136053 | (22) 13.02.2007 | (72) Ando, Shinsuke |
| (21) EP15182970.2 | (54) Method for inputting a destination in a | Yoshizawa, Naoya |
| (47) 23.05.2018 | navigation unit and navigation system | Fujii, Shimpei |
| (22) 28.08.2015 | therefor | Akagi, Yusuke |
| (54) AVALANCHE TRANSCIEVER AND | (73) Harman Becker Automotive Systems GmbH | (31) 2013112510 |
| METHOD FOR OPERATING AN | (72) Millington, Jeffrey A. | 2013112515 |
| AVALANCHE TRANSCIEVER | (51) G01C 23/00 | (32) 29.05.2013 |
| (73) Mammut Sports Group AG | B64D 45/00 | 29.05.2013 |
| (72) Dammert, Ilari | G06F 1/30 | (33) Japan |
| Klingelhöfer, Pascal | G06F 1/26 | Japan |
| Küng, Roland | G06F 1/28 | (51) G01D 5/18 |
| Rennhard, Patrick | (11) EP2543973 | G01B 7/16 |
| (51) G01C 21/32 | (21) EP12175015.2 | G01L 1/16 |
| G06F 17/30 | (47) 23.05.2018 | H01L 41/113 |
| (11) EP2717015 | (22) 04.07.2012 | (11) EP2696163 |
| (21) EP12187621.3 | (54) Power supply system for an electronic flight | (21) EP12768338.1 |
| (47) 23.05.2018 | bag | (47) 23.05.2018 |
| (22) 08.10.2012 | (73) ROSEMOUNT AEROSPACE INC. | (87) JP2012059443 |
| (54) Seamless display of objects | (72) Haukom, Michael | 11.10.2012 |
| (73) Harman Becker Automotive Systems GmbH | Horsager, Thomas | (22) 06.04.2012 |
| (72) Fischer, Martin | Willenbring, Brett | (54) DISPLACEMENT SENSOR, |
| Spindler, CC | (31) 201113176637 | DISPLACEMENT DETECTING |
| Pryakhin, Alexey | (32) 05.07.2011 | APPARATUS, AND OPERATION DEVICE |
| (51) G01C 21/34 | (33) United States of America | (73) Murata Manufacturing Co., Ltd. |
| (11) EP1805484 | (51) G01D 3/024 | (72) ANDO Masamichi |
| (21) EP05799551.6 | H02P 25/098 | KAWAMURA Hideki |
| (47) 23.05.2018 | H02P 29/40 | (31) 2011086412 |
| (87) EP2005011005 | G05D 17/02 | 2011101407 |
| 27.04.2006 | (11) EP3118582 | 2011106990 |
| (22) 13.10.2005 | (21) EP16179197.5 | (32) 08.04.2011 |
| (54) ROUTE CALCULATION DEVICE | (47) 23.05.2018 | 28.04.2011 |
| AND METHOD WITH PROGRESSIVE | (22) 13.07.2016 | 12.05.2011 |
| ELIMINATION OF DATA | (54) FEEDBACK CONTROL DEVICE | (33) Japan |
| CORRESPONDING TO THE ROAD | (73) Mitutoyo Corporation | Japan |
| NETWORK | (72) KIYOTANI, Shingo | Japan |
| (73) Compagnie Générale des Etablissements | (31) 2015140635 | (51) G01D 5/26 |
| Michelin | (32) 14.07.2015 | G01D 5/38 |
| (72) HAYOT, Pierre | (33) Japan | (11) EP2623937 |
| LEGRAND, Christophe | (51) G01D 4/00 | (21) EP13151101.6 |
| (31) 0411029 | H02J 4/00 | (47) 23.05.2018 |
| (32) 18.10.2004 | B60L 1/00 | (22) 14.01.2013 |
| (33) France | H02J 1/14 | (54) Position measuring device and assembly with |
| | H02J 3/14 | multiple position measuring devices |

- (73) Dr. Johannes Heidenhain GmbH
(72) Holzapfel, Wolfgang
Drescher, Jörg
Meissner, Markus
Joerger, Ralph
Musch, Bernhard
Kälberer, Thomas
(31) 102012201393
(32) 01.02.2012
(33) Germany
-
- (51) G01D 5/26
G01D 5/38
(11) EP2765394
(21) EP14152674.9
(47) 23.05.2018
(22) 27.01.2014
(54) Optical positioning device
(73) Dr. Johannes Heidenhain GmbH
(72) Sändig, Karsten
(31) 102013201904
102013222383
(32) 06.02.2013
05.11.2013
(33) Germany
Germany
-
- (51) G01D 5/353
(11) EP2280249
(21) EP10251324.9
(47) 23.05.2018
(22) 26.07.2010
(54) AN IMPLANTABLE SENSOR AND A
METHOD FOR CALIBRATING THE
SAME
(73) Codman Neuro Sciences Sàrl
(72) Crivelli, Rocco
Roth, Danillo
Ginggen, Alec
(31) 509834
(32) 27.07.2009
(33) United States of America
-
- (51) G01D 5/353
G02B 6/02
A61B 1/00
A61B 1/07
G02B 6/26
G01B 11/16
G01B 11/24
(11) EP2808654
(21) EP13740976.9
(47) 23.05.2018
(87) JP2013051636
01.08.2013
(22) 25.01.2013
(54) FIBER SENSOR
(73) Olympus Corporation
(72) SAKAI, Aiko
(31) 2012013285
(32) 25.01.2012
(33) Japan
-
- (51) G01F 23/26
(11) EP2032951
(21) EP07764653.7
(47) 23.05.2018
(87) EP2007005267
21.12.2007
(22) 14.06.2007
(54) CAPACITIVE LEVEL MEASURING
APPARATUS FOR BULK MATERIALS
- (73) Mesima Messtechnik Andreas Pfister
(72) Pfister, Andreas
(31) 202006009381 U
(32) 14.06.2006
(33) Germany
-
- (51) G01G 13/24
G01G 13/00
G01G 23/00
B65B 1/32
B65B 3/28
(11) EP2426468
(21) EP10174992.7
(47) 23.05.2018
(22) 02.09.2010
(54) Sample provisioning method
(73) Mettler-Toledo GmbH
(72) Nufer, Bruno
Gluvakov, Siegfried
-
- (51) G01G 19/414
G06F 19/00
(11) EP1915716
(21) EP06779944.5
(47) 23.05.2018
(87) IB2006002164
22.02.2007
(22) 28.07.2006
(54) ELECTRONIC SCALES AND METHOD
FOR CONTROLLING FOOD INTAKE
AND/OR THE AMOUNT OF CALORIES
CONSUMED
(73) Rump, Björn S.
(72) Rump, Björn S.
(31) 13392005
(32) 16.08.2005
(33) Switzerland
-
- (51) G01J 1/04
G01J 1/02
G01V 8/20
G02B 3/00
(11) EP2896939
(21) EP13864558.5
(47) 23.05.2018
(87) JP2013083179
26.06.2014
(22) 11.12.2013
(54) PHOTO SENSOR UNIT AND DOOR
CONTROLLING DEVICE OF A VEHICLE
(73) Alpha Corporation
Nissan Motor Co., Ltd
(72) ONO, Takashi
HIRAI, Wataru
(31) 2012277828
(32) 20.12.2012
(33) Japan
-
- (51) G01J 1/42
A61C 13/15
(11) EP3106849
(21) EP15172551.2
(47) 23.05.2018
(22) 17.06.2015
(54) LIGHT HARDENING DEVICE
(73) Ivoclar Vivadent AG
(72) Senn, Bruno
Tommasini, Dario
-
- (51) G01J 3/40
G01K 11/32
G01L 1/24
G01M 11/00
G01D 5/353
(11) EP2035792
(21) EP07795875.9
(47) 23.05.2018
(87) US2007013471
27.12.2007
(22) 07.06.2007
(54) DISTRIBUTED STRAIN AND
TEMPERATURE DISCRIMINATION IN
POLARIZATION MAINTAINING FIBER
(73) Intuitive Surgical Operations, Inc.
(72) FROGGATT, Mark, E.
(31) 814088 P
(32) 16.06.2006
(33) United States of America
-
- (51) G01K 1/14
G01K 15/00
(11) EP2440897
(21) EP10786488.6
(47) 23.05.2018
(87) US2010001634
16.12.2010
(22) 04.06.2010
(54) ONLINE CALIBRATION OF A
TEMPERATURE MEASUREMENT POINT
(73) Rosemount Inc.
(72) ENGELSTAD, Loren, Michael
BAUSCHKE, Dirk, Willy
RUD, Jason, Harold
(31) 456072
(32) 11.06.2009
(33) United States of America
-
- (51) G01K 11/20
A61N 1/378
G01J 5/04
(11) EP2839258
(21) EP13712416.0
(47) 23.05.2018
(87) US2013029873
24.10.2013
(22) 08.03.2013
(54) SENSING TEMPERATURE WITHIN
MEDICAL DEVICES
(73) Medtronic Inc.
(72) CONG, Peng
GADDAM, Venkat R.
OLSON, David P.
SCOTT, Erik R.
SMITH, Todd V.
PERZ, L, Leroy
(31) 201261636304 P
201313783761
(32) 20.04.2012
04.03.2013
(33) United States of America
United States of America
-
- (51) G01L 5/28
G01L 3/10
(11) EP2980551
(21) EP15179174.6
(47) 23.05.2018
(22) 30.07.2015
(54) MOTOR VEHICLE BRAKE TEST BENCH
(73) MAHA Maschinenbau Haldenwang GmbH
& Co. KG
(72) Hernandez Gonzalez, Andres
Miller, Bernd

| | | |
|---|--|--------------------------------------|
| Beaujean, Frank | (33) Italy | (73) Safran Aircraft Engines |
| (31) 102014214971 | (51) G01M 3/26 | (72) GOUBY, Aurélie |
| (32) 30.07.2014 | G01L 13/00 | GEREZ, Valerio |
| (33) Germany | G01L 15/00 | (31) 1452650 |
| (51) G01L 9/12 | G01N 15/08 | (32) 27.03.2014 |
| B81B 7/02 | (11) EP2238423 | (33) France |
| G01P 15/125 | (21) EP08852118.2 | (51) G01M 17/007 |
| G01P 15/18 | (47) 23.05.2018 | B60R 16/02 |
| G01P 1/02 | (87) AU2008001722 | G01M 99/00 |
| G01P 15/08 | 28.05.2009 | G05B 23/02 |
| (11) EP3030875 | (22) 21.11.2008 | G05B 19/042 |
| (21) EP14834662.0 | (54) COMPARATIVE PRESSURE | H04L 29/08 |
| (47) 23.05.2018 | MONITORING INSTRUMENT | G06F 17/30 |
| (87) US2014049210 | (73) Structural Monitoring Systems Ltd | (11) EP2677294 |
| 12.02.2015 | (72) LAXTON, Nigel | (21) EP12747632.3 |
| (22) 31.07.2014 | KROKER, Henry | (47) 23.05.2018 |
| (54) INERTIAL AND PRESSURE SENSORS | (31) 2007906375 | (87) JP2012052067 |
| ON SINGLE CHIP | (32) 21.11.2007 | 23.08.2012 |
| (73) Robert Bosch GmbH | (33) Australia | (22) 31.01.2012 |
| (72) FEYH, Ando | (51) G01M 7/02 | (54) DATA COLLECTION DEVICE |
| O'BRIEN, Gary | G01M 15/02 | AND SYSTEM COMMUNICATING |
| (31) 201361862370 P | (11) EP2776807 | THEREWITH |
| (32) 05.08.2013 | (21) EP12780692.5 | (73) Yanmar Co., Ltd. |
| (33) United States of America | (47) 23.05.2018 | (72) UESAKA, Hiroyuki |
| (51) G01L 9/00 | (87) EP2012070365 | (31) 2011029380 |
| G01L 9/00 | 16.05.2013 | (32) 15.02.2011 |
| G01L 19/14 | (22) 15.10.2012 | (33) Japan |
| F16L 29/02 | (54) TEST BENCH ARRANGEMENT AND | (51) G01M 17/007 |
| (11) EP3023759 | METHOD FOR OPERATING SUCH A | G05B 23/02 |
| (21) EP15195225.6 | TEST BENCH ARRANGEMENT | (11) EP2690423 |
| (47) 23.05.2018 | (73) AVL List GmbH | (21) EP12761229.9 |
| (22) 18.11.2015 | (72) DANK, Matthias | (47) 23.05.2018 |
| (54) PRESSURE SENSOR | HOLZHAMMER, Peter | (87) JP2012057030 |
| (73) Nagano Keiki Co., Ltd. | STROHSCHNEIN, Wolfram | 27.09.2012 |
| (72) YAMADA., Nobuaki | WINDISCH, Christoph | (22) 19.03.2012 |
| (31) 2014235834 | (31) 16622011 | (54) VEHICLE DATA ANALYSIS |
| (32) 20.11.2014 | (32) 10.11.2011 | APPARATUS, VEHICLE DATA |
| (33) Japan | (33) Austria | ANALYSIS METHOD, AND DEFECT |
| (51) G01L 19/06 | (51) G01M 15/04 | DIAGNOSIS APPARATUS |
| (11) EP2442084 | G01M 15/11 | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| (21) EP11180143.7 | (11) EP2641073 | (72) SUGANUMA, Hideaki |
| (47) 23.05.2018 | (21) EP11785647.6 | MATSUMURA, Takeshi |
| (22) 06.09.2011 | (47) 23.05.2018 | HIKITA, Toshiro |
| (54) Pressure indicator with means for minimizing | (87) EP2011070090 | (31) 2011063202 |
| resonance frequencies | 24.05.2012 | (32) 22.03.2011 |
| (73) Rolls-Royce plc | (22) 15.11.2011 | (33) Japan |
| (72) Angus, Douglas John | (54) METHOD FOR DETECTING | (51) G01N 1/22 |
| Fitzhugh, Alexander Edward Henry | COMBUSTION DEFECTS IN AN | (11) EP1738150 |
| (31) 201017353 | INTERNAL COMBUSTION ENGINE | (21) EP05731845.3 |
| 201017959 | (73) Renault S.A.S. | (47) 23.05.2018 |
| (32) 14.10.2010 | (72) PROTIN, Nicolas | (87) DK2005000279 |
| 25.10.2010 | LEPORCQ, Michel | 03.11.2005 |
| (33) United Kingdom | VALADIE, Pierre | (22) 21.04.2005 |
| United Kingdom | (31) 1059407 | (54) APPARATUS AND METHOD FOR |
| (51) G01L 25/00 | (32) 16.11.2010 | TAKING GASEOUS SAMPLES |
| (11) EP2350597 | (33) France | (73) FLSmith A/S |
| (21) EP09756576.6 | (51) G01M 15/14 | (72) FLOOR, Karsten, Brink |
| (47) 23.05.2018 | (11) EP3123139 | (31) 200400640 |
| (87) IB2009007400 | (21) EP15717037.4 | (32) 22.04.2004 |
| 20.05.2010 | (47) 23.05.2018 | (33) Denmark |
| (22) 09.11.2009 | (87) FR2015050785 | (51) G01N 1/31 |
| (54) DEVICE FOR CALIBRATING TORQUE | 01.10.2015 | G01N 35/10 |
| SCREW DRIVERS WITH REPLACEABLE | (22) 26.03.2015 | G01F 23/02 |
| ELEMENTS | (54) METHOD FOR ESTIMATING THE | G01N 9/12 |
| (73) Atlas Copco Industrial Technique AB | NORMAL OR ABNORMAL CHARACTER | G01N 35/00 |
| (72) CHIAPUZZI, Angelo | OF A MEASURED VALUE OF A | (11) EP2166334 |
| (31) MI20082030 | PHYSICAL PARAMETER OF AN | (21) EP08777836.1 |
| (32) 14.11.2008 | AIRCRAFT MOTOR | (47) 23.05.2018 |

- (87) JP2008062084
15.01.2009
- (22) 03.07.2008
- (54) ANALYTE TREATMENT APPARATUS
- (73) Sakura Seiki Co., Ltd.
Sakura Finetek Japan Co., Ltd.
- (72) TAKAHASHI, Kenji
- (31) 2007182138
- (32) 11.07.2007
- (33) Japan
- (51) G01N 15/14
- (11) EP2235501
- (21) EP09702459.0
- (47) 23.05.2018
- (87) IB2009005020
23.07.2009
- (22) 15.01.2009
- (54) LIGHT SCATTERING MEASUREMENTS
USING SIMULTANEOUS DETECTION
- (73) Malvern Panalytical Limited
- (72) MCNEIL-WATSON, Fraser
CONNAH, Malcolm, Trevor
JACK, Robert
MCKNIGHT, David
- (31) 11143
- (32) 15.01.2008
- (33) United States of America
- (51) G01N 17/00
- (11) EP2381239
- (21) EP11163113.1
- (47) 23.05.2018
- (22) 20.04.2011
- (54) Corrosion inspection device
- (73) Weiss Umwelttechnik GmbH
- (72) Steyh, Roland
- (31) 202010005278 U
- (32) 22.04.2010
- (33) Germany
- (51) G01N 21/47
G03F 7/20
G02B 27/14
- (11) EP2583300
- (21) EP11796320.7
- (47) 23.05.2018
- (87) US2011040389
22.12.2011
- (22) 14.06.2011
- (54) DISCRETE POLARIZATION
SCATTEROMETRY
- (73) KLA-Tencor Corporation
- (72) HILL, Andrew V.
MANASSEN, Amnon
KANDEL, Daniel
LEVINSKI, Vladimir
SELIGSON, Joel
SVIZHER, Alexander
WANG, David Y.
ROTTER, Lawrence D.
DE VEER, Johannes D.
- (31) 201113108892
355694 P
- (32) 16.05.2011
- (33) United States of America
United States of America
- (51) G01N 21/552
G01N 21/65
G01N 21/77
- G01N 33/543
G01N 33/553
- (11) EP3153844
- (21) EP15742334.4
- (47) 23.05.2018
- (87) ES2015070434
10.12.2015
- (22) 02.06.2015
- (54) SYSTEM FOR BIODETECTION
APPLICATIONS
- (73) Consejo Superior de Investigaciones
Cientificas (CSIC)
- (72) TAMAYO DE MIGUEL, Francisco Javier
MONTEIRO KOSAKA, Priscila
PINI, Valerio
CALLEJA GOMÉZ, Montserrat
RUZ MARTINEZ, Jose Jaime
RAMOS VEGA, Daniel
GONZALEZ SAGARDOY, Maria Ujue
- (31) 201430846
- (32) 03.06.2014
- (33) Spain
- (51) G01N 21/65
B82Y 15/00
- (11) EP2369327
- (21) EP11159330.7
- (47) 23.05.2018
- (22) 23.03.2011
- (54) Substrate for surface enhanced Raman
scattering studies
- (73) Instytut Chemii Fizycznej Polskiej Akademii
Nauk
Instytut Wysokich Cisnien Polskiej Akademii
Nauk
- (72) Dziecielewski, Igor
Holyst, Robert
Kaminska, Agnieszka
Porowski, Sylwester
Suski, Tadeusz
Weyher, Jan
- (31) 39079810
- (32) 23.03.2010
- (33) Poland
- (51) G01N 25/20
G01K 17/08
G01N 15/08
G01N 33/28
G01N 15/06
- (11) EP2442098
- (21) EP11005541.5
- (47) 23.05.2018
- (22) 07.07.2011
- (54) METHOD AND DEVICE FOR
DETERMINING THE CONCENTRATION
OF CARBON BLACK IN MOTOR OIL OF
INTERNAL COMBUSTION ENGINES
- (73) MAN Truck & Bus AG
- (72) Beck, Harald, Dr.
Fischer, Felix
- (31) 102010048748
- (32) 16.10.2010
- (33) Germany
- (51) G01N 25/72
- (11) EP2881732
- (21) EP14196392.6
- (47) 23.05.2018
- (22) 04.12.2014
- (54) Thermographic inspection techniques
- (73) Rolls-Royce Corporation
- (72) Henderkott, Joseph Peter
Ma, Kong
- (31) 201361912946 P
- (32) 06.12.2013
- (33) United States of America
- (51) G01N 27/327
- (11) EP2715330
- (21) EP12729694.5
- (47) 23.05.2018
- (87) GB2012051192
06.12.2012
- (22) 25.05.2012
- (54) PEAK OFFSET CORRECTION FOR
ANALYTE TEST STRIP
- (73) Lifescan Scotland Limited
- (72) McILRATH, Joanne
- (31) 201161491008 P
- (32) 27.05.2011
- (33) United States of America
- (51) G01N 27/416
C25D 21/12
- (11) EP2821780
- (21) EP13174725.5
- (47) 23.05.2018
- (22) 02.07.2013
- (54) In-situ fingerprinting for electrochemical
deposition and/or electrochemical etching
- (73) Ancosys GmbH
- (72) Stahl, Jürg
Schröder, Norbert
Richter, Fred
- (51) G01N 27/447
C12Q 1/68
B01L 3/00
G01N 21/64
B01L 7/00
- (11) EP3032251
- (21) EP15191406.6
- (47) 23.05.2018
- (22) 04.04.2008
- (54) PLASTIC MICROFLUIDIC SEPARATION
AND DETECTION PLATFORMS
- (73) Ande Corporation
- (72) Tan, Eugene
Kan, Cheuk Wai
Lam, Heung Chuan
- (31) 921802 P
964502 P
28073
- (32) 04.04.2007
13.08.2007
12.02.2008
- (33) United States of America
United States of America
United States of America
- (51) G01N 29/04
G01N 29/24
G01N 21/17
- (11) EP3115780
- (21) EP16173575.8
- (47) 23.05.2018
- (22) 08.06.2016
- (54) LASER ULTRASOUND SYSTEM AND
METHOD FOR INSPECTION OF A
STRUCTURE
- (73) The Boeing Company
- (72) SAFAI, Morteza

| | | |
|-------------------------------------|--|--|
| GEORGESON, Gary E. | (21) EP15741158.8 | BROWN, Michael, Alvin |
| (31) 201514795467 | (47) 23.05.2018 | (31) 201161547245 P |
| (32) 09.07.2015 | (87) EP2015066507 | 201261698153 P |
| (33) United States of America | 18.02.2016 | (32) 14.10.2011 |
| (51) G01N 29/11 | (22) 20.07.2015 | 07.09.2012 |
| G01N 29/14 | (54) ANALYSIS DEVICE FOR DETERMINING | (33) United States of America |
| G01N 29/48 | A MEASUREMENT QUANTITY THAT | United States of America |
| G01N 29/44 | DEPENDS ON THE CONCENTRATION | (51) G01N 33/50 |
| (11) EP2748597 | OF ONE OR MORE CONSTITUENTS OF | (11) EP3072520 |
| (21) EP12768880.2 | A SAMPLE | (21) EP14864546.8 |
| (47) 23.05.2018 | (73) Analytik Jena AG | (47) 23.05.2018 |
| (87) GB2012052037 | (72) EHRLING, Christiane | (87) KR2014011208 |
| 28.02.2013 | HENNEBERG, Heiko | 28.05.2015 |
| (22) 21.08.2012 | (31) 102014111506 | (22) 20.11.2014 |
| (54) IMPACT DETECTION AND ACOUSTIC | (32) 12.08.2014 | (54) SCREENING METHOD FOR CANDIDATE |
| EMISSION DATA PROCESSING | (33) Germany | MATERIALS FOR THE REGENERATION |
| (73) BAE Systems PLC | (51) G01N 33/49 | OF NERVES OR ACCELERATING |
| (72) READ, Ian James | B01F 13/08 | GROWTH OF AXONS |
| JOHN, Ryan Nichols | B01L 3/00 | (73) Korea Advanced Institute Of Science And |
| MACPHERSON, William Neil | (11) EP2743692 | Technology |
| (31) 201114418 | (21) EP12821927.6 | (72) KIM, Jin Woo |
| (32) 22.08.2011 | (47) 23.05.2018 | KIM, Nam-Suk |
| (33) United Kingdom | (87) KR2012006338 | (31) 20130141193 |
| (51) G01N 30/04 | 14.02.2013 | 20140158645 |
| G01N 30/00 | (22) 09.08.2012 | (32) 20.11.2013 |
| G01N 30/32 | (54) MICROCHIP-BASED APPARATUS FOR | 14.11.2014 |
| G01N 30/24 | EXAMINING PLATELET COMPOSITE | (33) Korea (Republic) |
| G01N 30/20 | FUNCTIONS | Korea (Republic) |
| G01N 30/06 | (73) Korea University Research and Business | (51) G01N 33/53 |
| (11) EP2876438 | Foundation | (11) EP3012631 |
| (21) EP12884084.0 | (72) SHIN, Se Hyun | (21) EP15194007.9 |
| (47) 23.05.2018 | NAM, Jeong Hun | (47) 23.05.2018 |
| (87) JP2012072635 | LIM, Chae Seung | (22) 05.10.2010 |
| 13.03.2014 | (31) 20110079497 | (54) A METHOD FOR DIAGNOSING |
| (22) 05.09.2012 | (32) 10.08.2011 | PRIMARY BILIARY CIRRHOSIS (PBC) |
| (54) HEAD SPACE SAMPLE INTRODUCTION | (33) Korea (Republic) | USING NOVEL AUTOANTIGENS |
| DEVICE AND GAS CHROMATOGRAPH | (51) G01N 33/49 | (73) Ambergen Inc. |
| INCLUDING SAME | G01N 21/49 | Massachusetts General Hospital |
| (73) Shimadzu Corporation | G01N 15/14 | (72) Lim, Mark J. |
| (72) AONO, Akira | (11) EP2997365 | Ostendorff, Heather P. |
| (51) G01N 30/88 | (21) EP14752580.2 | Rothschild, Kenneth J. |
| G01N 30/02 | (47) 23.05.2018 | Bloch, Donald B. |
| G01N 30/60 | (87) EP2014066786 | (31) 248768 P |
| G01N 33/02 | 26.02.2015 | (32) 05.10.2009 |
| B01D 15/08 | (22) 05.08.2014 | (33) United States of America |
| B01D 15/30 | (54) ANALYSIS METHOD FOR SUPPORTING | (51) G01N 33/543 |
| B01J 20/24 | CLASSIFICATION | (11) EP2633319 |
| B01J 20/281 | (73) Siemens Healthcare Diagnostics Products | (21) EP11757568.8 |
| B01J 20/291 | GmbH | (47) 23.05.2018 |
| B01J 20/34 | (72) KAVSEK, Barbara | (87) EP2011064685 |
| (11) EP3112858 | LEDERER, Peter | 03.05.2012 |
| (21) EP15754822.3 | TAAL, Peter | (22) 26.08.2011 |
| (47) 23.05.2018 | VAN DEN BOOGAART, Jan | (54) METHOD FOR DETERMINING |
| (87) JP2015055031 | (31) 102013216362 | AN ANALYTE CONTENT OF A |
| 03.09.2015 | (32) 19.08.2013 | LIQUID SAMPLE BY MEANS OF A |
| (22) 23.02.2015 | (33) Germany | BIOANALYZER |
| (54) PACKING MATERIAL FOR LIQUID | (51) G01N 33/497 | (73) Endress + Hauser Conducta GmbH + Co. KG |
| CHROMATOGRAPHY AND COLUMN | G01N 33/00 | (72) HANKO, Michael |
| FOR LIQUID CHROMATOGRAPHY | (11) EP2766725 | EUBISCH, Angela |
| (73) Showa Denko K.K. | (21) EP12798045.6 | FIKUS, Axel |
| (72) NAKAJIMA, Naoya | (47) 23.05.2018 | (31) 102010064391 |
| OKADA, Yoshiji | (87) US2012059968 | 102010043153 |
| KONDO, Hideyuki | 25.04.2013 | (32) 30.12.2010 |
| (31) 2014038331 | (22) 12.10.2012 | 29.10.2010 |
| (32) 28.02.2014 | (54) METHOD FOR TESTING A GAS SENSOR | (33) Germany |
| (33) Japan | (73) MSA Technology, LLC | Germany |
| (51) G01N 31/12 | (72) SCHEFFLER, Towner, Bennett | (51) G01N 33/543 |
| (11) EP3180608 | MARTIN, Gregory, L. | (11) EP2981823 |

| | | |
|---------------------------------------|---------------------------------------|--|
| (21) EP14779691.6 | (33) European Patent Office (EPO) | (47) 23.05.2018 |
| (47) 23.05.2018 | (51) G01N 33/574 | (87) IB2015055716 |
| (87) SE2014050376 | G01N 33/68 | 04.02.2016 |
| 09.10.2014 | (11) EP2764082 | (22) 29.07.2015 |
| (22) 28.03.2014 | (21) EP12838494.8 | (54) DEVICE AND METHOD FOR HANDLING |
| (54) NOVEL ASSAY | (47) 23.05.2018 | A PLURALITY OF CASSETTES |
| (73) IDL Biotech AB | (87) US2012058815 | OR SLIDES FOR SPECIMENS OF |
| (72) D'AMICO, Ylva | 11.04.2013 | BIOLOGICAL MATERIAL |
| MAGNUSSON, Gunnar | (22) 04.10.2012 | (73) Diapath S.p.A. |
| (31) 1350421 | (54) SRM/MRM ASSAY FOR THE EPHRIN | (72) LIMONTA, Enzo |
| (32) 05.04.2013 | TYPE-A RECEPTOR 2 PROTEIN | MANENTI, Giorgio |
| (33) Sweden | (73) Expression Pathology, Inc. | RIZZATO, Fabio |
| (51) G01N 33/543 | (72) KRIZMAN, David, B. | BERGAMINI, Vladimiro |
| C08G 73/00 | HEMBROUGH, Todd | (31) MI20141417 |
| C08J 7/00 | THYPARAMBIL, Sheeno | (32) 01.08.2014 |
| (11) EP3070472 | LIAO, Wei-Liao | (33) Italy |
| (21) EP16166778.7 | (31) 201161543106 P | (51) G01N 35/02 |
| (47) 23.05.2018 | (32) 04.10.2011 | G01N 35/00 |
| (22) 16.02.2011 | (33) United States of America | (11) EP1975627 |
| (54) FLOCCULANT COMPOSITION | (51) G01N 33/68 | (21) EP08153322.6 |
| COMPRISING LIGAND | (11) EP2504706 | (47) 23.05.2018 |
| FUNCTIONALIZED POLYMERS | (21) EP10795488.5 | (22) 26.03.2008 |
| (73) 3M Innovative Properties Company | (47) 23.05.2018 | (54) Stacker for microplates |
| (72) Rasmussen, Jerald K. | (87) US2010003052 | (73) F. Hoffmann-La Roche AG |
| Bothof, Catherine A. | 03.06.2011 | (72) Fattinger, Christoph |
| Seshadri, Kannan | (22) 22.11.2010 | Zumstein, Thomas |
| Satterwhite, Erin A. | (54) DETECTION OF INTRAAMNIOTIC | Hochstrasser, Remo Anton |
| Fitzsimons, Robert T., Jr. | INFECTION | Voegelin, Dieter |
| Hembre, James I. | (73) Hologic Inc. | (31) 07105217 |
| Ali, Mahfuza B. | (72) LADERMAN, Elizabeth, Inman | (32) 29.03.2007 |
| (31) 305740 P | GROVE, Thomas, H. | (33) European Patent Office (EPO) |
| 986485 | (31) 264633 P | (51) G01P 3/48 |
| (32) 18.02.2010 | 362192 P | G01H 1/00 |
| 07.01.2011 | (32) 25.11.2009 | (11) EP3179219 |
| (33) United States of America | 07.07.2010 | (21) EP15460109.0 |
| United States of America | (33) United States of America | (47) 23.05.2018 |
| (51) G01N 33/564 | United States of America | (22) 07.12.2015 |
| G01N 33/574 | (51) G01N 33/68 | (54) A METHOD OF AUTOMATIC |
| (11) EP3120145 | (11) EP2823316 | DETERMINATION OF ROTATIONAL |
| (21) EP15714103.7 | (21) EP13708803.5 | SPEED OF A SHAFT IN A SYSTEM |
| (47) 23.05.2018 | (47) 23.05.2018 | POWERED BY A RECIPROCATING |
| (87) US2015021007 | (87) EP2013054801 | ENGINE |
| 24.09.2015 | 12.09.2013 | (73) ABB Schweiz AG |
| (22) 17.03.2015 | (22) 08.03.2013 | (72) Rzeszucinski, Pawel |
| (54) REAGENTS AND METHODS FOR | (54) A METHOD FOR PREDICTING THE RISK | Ottewill, James |
| BREAST CANCER DETECTION | OF A SUBJECT FOR CONTRACTING | Nowak, Jaroslaw |
| (73) Sanford Health | DIABETES MELLITUS AND/OR | (51) G01P 3/68 |
| (72) EGLAND, Kristi | METABOLIC SYNDROME OR FOR | G01P 3/80 |
| EVANS, Rick | DIAGNOSING METABOLIC SYNDROME | G05B 23/00 |
| POTTALA, James | IN A SUBJECT | B65H 61/00 |
| (31) 201461954914 P | (73) sphingotec GmbH | B65H 63/06 |
| (32) 18.03.2014 | (72) BERGMANN, Andreas | (11) EP2645194 |
| (33) United States of America | MELANDER, Olle | (21) EP13157484.0 |
| (51) G01N 33/574 | (31) 12158680 | (47) 23.05.2018 |
| (11) EP3032261 | 201261608350 P | (22) 01.03.2013 |
| (21) EP16153090.2 | 12165062 | (54) Yarn travelling information acquiring device, |
| (47) 23.05.2018 | (32) 08.03.2012 | yarn processing device, and yarn information |
| (22) 17.06.2011 | 08.03.2012 | acquiring method |
| (54) MR-PRO-AMD FOR THE PREDICTION | 20.04.2012 | (73) Murata Machinery, Ltd. |
| OF INCIDENT CANCER IN MALES | (33) European Patent Office (EPO) | (72) Minamino, Katsushi |
| SUBJECT BELOW THE AGE OF 57.9 | United States of America | (31) 2012073814 |
| YEARS | European Patent Office (EPO) | (32) 28.03.2012 |
| (73) B.R.A.H.M.S GmbH | (51) G01N 35/00 | (33) Japan |
| (72) Bergmann, Andreas | C12M 1/28 | (51) G01P 15/125 |
| Struck, Joachim | C12M 1/26 | G01P 15/08 |
| Melander, Olle | G02B 21/34 | (11) EP3144685 |
| (31) 10166536 | (11) EP3175246 | (21) EP16188503.3 |
| (32) 18.06.2010 | (21) EP15767266.8 | (47) 23.05.2018 |

- (22) 13.09.2016
(54) PHYSICAL QUANTITY SENSOR, SENSOR DEVICE, ELECTRONIC APPARATUS, AND MOVING OBJECT
(73) Seiko Epson Corporation
(72) Tanaka, Satoru
(31) 2015181651
(32) 15.09.2015
(33) Japan
-
- (51) G01P 15/125
G01P 15/18
(11) EP3121605
(21) EP16180155.0
(47) 23.05.2018
(22) 19.07.2016
(54) MULTI-AXIS INERTIAL SENSOR WITH DUAL MASS AND INTEGRATED DAMPING STRUCTURE
(73) NXP USA, Inc.
(72) Tang, Jun
Kniffin, Margaret Leslie
Geisberger, Aaron A.
(31) 201514805105
(32) 21.07.2015
(33) United States of America
-
- (51) G01R 15/18
H02H 3/32
(11) EP2732293
(21) EP12758391.2
(47) 23.05.2018
(87) DE2012000697
17.01.2013
(22) 12.07.2012
(54) METHOD AND DEVICE FOR MEASURING ELECTRIC CURRENTS BY MEANS OF A CURRENT TRANSFORMER
(73) Ean Elektroschaltanlagen GmbH
(72) RATHSMANN, Stefan
(31) 102011107721
(32) 14.07.2011
(33) Germany
-
- (51) G01R 19/252
(11) EP2038663
(21) EP07785925.4
(47) 23.05.2018
(87) EP2007006019
17.01.2008
(22) 06.07.2007
(54) AN AC CURRENT SENSOR FOR MEASURING ELECTRIC AC CURRENT IN A CONDUCTOR AND AN INDICATOR SYSTEM COMPRISING SUCH A SENSOR
(73) Thiim2 ApS
(72) THIIM, Søren
(31) 06014223
(32) 10.07.2006
(33) European Patent Office (EPO)
-
- (51) G01R 22/06
H02J 7/00
H04W 52/00
H04W 52/28
H04W 52/02
H04B 17/00
G01R 31/36
(11) EP2553478
(21) EP11762065.8
(47) 23.05.2018
- (87) FI2011050082
06.10.2011
(22) 01.02.2011
(54) APPARATUS, METHODS, COMPUTER READABLE STORAGE MEDIUMS AND COMPUTER PROGRAMS
(73) Nokia Technologies Oy
(72) RUUTU, Jussi
LAITINEN, Ismo
ÖFVERSTEN, Janne
(31) 201005328
(32) 30.03.2010
(33) United Kingdom
-
- (51) G01R 29/14
(11) EP2217934
(21) EP08860902.9
(47) 23.05.2018
(87) GB2008003878
25.06.2009
(22) 18.11.2008
(54) A SENSOR ARRANGEMENT
(73) Rolls-Royce plc
(72) CARE, Ian, Colin, Deuchar
(31) 0724339
(32) 14.12.2007
(33) United Kingdom
-
- (51) G01R 31/34
G01R 31/06
H02K 15/16
H02K 17/00
G01R 31/28
(11) EP2902793
(21) EP15160638.1
(47) 23.05.2018
(22) 12.06.2008
(54) METHOD AND DEVICE FOR OFF-LINE TESTING OF ELECTRIC MOTORS
(73) Subsee Råå AB
(72) Cop, Boris
(31) 0701428
(32) 12.06.2007
(33) Sweden
-
- (51) G01R 33/02
H02J 7/02
G01R 29/08
G01R 29/10
H04B 5/00
(11) EP3204780
(21) EP15788247.3
(47) 23.05.2018
(87) US2015054502
14.04.2016
(22) 07.10.2015
(54) METHODS AND APPARATUS FOR TESTING OF WIRELESS POWER TRANSMITTERS AND SYSTEMS
(73) Qualcomm Incorporated
(72) VON NOVAK, William Henry III
CHI, Mei-Li
(31) 201462061356 P
201514876719
(32) 08.10.2014
06.10.2015
(33) United States of America
United States of America
-
- (51) G01S 5/02
(11) EP2914972
(21) EP13779710.6
- (47) 23.05.2018
(87) US2013064143
08.05.2014
(22) 09.10.2013
(54) METHODS TO OPTIMIZE AND STREAMLINE AP PLACEMENT ON FLOOR PLAN
(73) Qualcomm Incorporated
(72) SHARMA, Abhinav
PATEL, Sunil
VEMPATI, Murthy S.
DAS, Saumitra Mohan
MEHTA, Chandrakant
DESAI, Rupali T.
(31) 201261721435 P
201313763257
(32) 01.11.2012
08.02.2013
(33) United States of America
United States of America
-
- (51) G01S 7/486
G01S 17/10
(11) EP3171199
(21) EP15199834.1
(47) 23.05.2018
(22) 14.12.2015
(54) SENSOR ARRANGEMENT AND METHOD FOR DETERMINING TIME-OF-FLIGHT
(73) ams AG
(72) Glover, Kerry
(31) 201562259019 P
(32) 23.11.2015
(33) United States of America
-
- (51) G01S 13/86
F03D 80/10
G08G 5/00
(11) EP2863240
(21) EP14188481.7
(47) 23.05.2018
(22) 10.10.2014
(54) Dynamic alarm zones for bird detection systems
(73) Robin Radar Facilities BV
(72) Hamminga, Siete
van Lieburg, Anthonie
(31) 201300589
(32) 15.10.2013
(33) Denmark
-
- (51) G01S 13/88
H01Q 3/46
G01S 7/40
(11) EP2558882
(21) EP11715757.8
(47) 23.05.2018
(87) IE2011000022
20.10.2011
(22) 11.04.2011
(54) AN IMAGING SYSTEM
(73) Smiths Detection Ireland Limited
(72) CROWLEY, Michael
ENTCHEV, Emil
ABDILLAH, Mohammed Ben
(31) 20100224
(32) 15.04.2010
(33) Ireland
-
- (51) G01S 17/02
G01S 17/42

| | | |
|---|--|--|
| G05B 19/042 | (32) 18.11.2008 | (54) X-RAY SECURITY INSPECTION MACHINE |
| (11) EP3153885 | 07.05.2009 | (73) Rapiscan Systems Limited |
| (21) EP15189223.9 | (33) United States of America | (72) PANESAR, Baljinder, Singh |
| (47) 23.05.2018 | United States of America | GILLARD-HICKMAN, Douglas, R. |
| (22) 09.10.2015 | (51) G01T 1/24 | (31) 0503982 |
| (54) OPTO-ELECTRONIC PROTECTIVE DEVICE | G01T 1/29 | (32) 25.02.2005 |
| (73) SICK AG | H01L 31/08 | (33) United Kingdom |
| (72) Böhler, Frank | G01N 23/201 | (51) G01V 11/00 |
| Böhme, Max | (11) EP2972255 | (11) EP2791713 |
| Esau, Mark | (21) EP14723527.9 | (21) EP12812559.8 |
| (51) G01S 17/42 | (47) 23.05.2018 | (47) 23.05.2018 |
| G01S 17/89 | (87) US2014023282 | (87) EP2012075635 |
| G01B 11/25 | 25.09.2014 | 20.06.2013 |
| H04M 1/21 | (22) 11.03.2014 | (22) 14.12.2012 |
| (11) EP2449408 | (54) ONE-DIMENSIONAL X-RAY DETECTOR WITH CURVED READOUT STRIPS | (54) ASEP+D METHOD: IDENTIFYING ANOMALOUS AREAS OF THE EARTH'S LOWER CRUST |
| (21) EP10742927.6 | (73) Bruker AXS, Inc. | (73) Statoil Petroleum AS |
| (47) 23.05.2018 | (72) DURST, Roger | (72) WIENECKE, Susann |
| (87) US2010040364 | LAGGNER, Peter | STADTLER, Christopher |
| 06.01.2011 | MEDVED, Sergei | (31) 201121603 |
| (22) 29.06.2010 | BECKER, Bruce | (32) 15.12.2011 |
| (54) METHOD AND APPARATUS FOR OBTAINING 3-DIMENSIONAL DATA WITH A PORTABLE DEVICE | (31) 201313833346 | (33) United Kingdom |
| (73) Robert Bosch GmbH | (32) 15.03.2013 | (51) G01W 1/08 |
| (72) BECKER, Jan | (33) United States of America | (11) EP2304477 |
| KAMMEL, Soeren | (51) G01T 3/06 | (21) EP09772629.3 |
| PITZER, Benjamin | C09K 11/00 | (47) 23.05.2018 |
| RAGHUNATHAN, Badri | C09K 11/61 | (87) FI2009050596 |
| (31) 497089 | (11) EP2565682 | 07.01.2010 |
| (32) 02.07.2009 | (21) EP11775005.9 | (22) 30.06.2009 |
| (33) United States of America | (47) 23.05.2018 | (54) AUTOMATIC BALLOON LAUNCHER AND METHOD FOR THE AUTOMATIC LAUNCH OF METEOROLOGICAL BALLOONS |
| (51) G01S 17/89 | (87) JP2011060170 | (73) VAISALA OYJ |
| G01S 7/486 | 03.11.2011 | (72) VOLOTINEN, Sami |
| G06F 3/01 | (22) 26.04.2011 | VON BAGH, Hans |
| G06F 1/32 | (54) SCINTILLATOR FOR NEUTRONS AND NEUTRON DETECTOR | REKIKOSKI, Ilkka |
| G06F 3/03 | (73) Tokuyama Corporation | STOR-PELLINEN, Jyrki |
| G06K 9/00 | Tohoku University | (31) 20085684 |
| H04N 13/20 | (72) FUKUDA, Kentaro | (32) 02.07.2008 |
| (11) EP2946227 | ISHIZU, Sumito | (33) Finland |
| (21) EP14700231.5 | KAWAGUCHI, Noriaki | (51) G02B 3/14 |
| (47) 23.05.2018 | SUYAMA, Toshihisa | G02C 7/00 |
| (87) EP2014050106 | YOSHIKAWA, Akira | A61F 2/16 |
| 24.07.2014 | YANAGIDA, Takayuki | (11) EP2598922 |
| (22) 07.01.2014 | YOKOTA, Yui | (21) EP11749599.4 |
| (54) SENSOR ASSEMBLY FOR DETECTING OPERATOR GESTURES IN VEHICLES | (31) 2010105645 | (47) 23.05.2018 |
| (73) Huf Hülsbeck & Fürst GmbH & Co. KG | (32) 30.04.2010 | (87) US2011045155 |
| (72) SCHINDLER, Mirko | (33) Japan | 02.02.2012 |
| GERDES, Bernd | (51) G01V 3/10 | (22) 25.07.2011 |
| ETTE, Bernd | (11) EP2017652 | (54) LIQUID MENISCUS LENS WITH CONCAVE TORUS-SEGMENT MENISCUS WALL |
| (31) 102013100521 | (21) EP08104613.8 | (73) Johnson & Johnson Vision Care Inc. |
| (32) 18.01.2013 | (47) 23.05.2018 | (72) PUGH, Randall B. |
| (33) Germany | (22) 02.07.2008 | OTTS, Daniel B. |
| (51) G01T 1/20 | (54) Inductive proximity detector with switched windings | TONER, Adam |
| (11) EP2347284 | (73) Schneider Electric Industries SAS | KERNICK, Edward R. |
| (21) EP09756837.2 | (72) Bernard, Jacques | RIALL, James Daniel |
| (47) 23.05.2018 | Emmanuel, Michel | SNOOK, Sharika |
| (87) IB2009054818 | (31) 0756650 | (31) 368868 P |
| 27.05.2010 | (32) 20.07.2007 | 201113164416 |
| (22) 29.10.2009 | (33) France | (32) 29.07.2010 |
| (54) SPECTRAL IMAGING DETECTOR | (51) G01V 5/00 | 20.06.2011 |
| (73) Koninklijke Philips N.V. | (11) EP1864159 | (33) United States of America |
| (72) MATTSON, Rodney, A. | (21) EP06709915.0 | United States of America |
| LUHTA, Randall, P. | (47) 23.05.2018 | |
| CHAPPO, Marc, A. | (87) GB2006000690 | |
| (31) 115560 P | 31.08.2006 | |
| 176224 P | (22) 27.02.2006 | |

| | | |
|--|---|--|
| (51) G02B 6/12 G02F 1/313 G02B 6/35 H04Q 11/00 | (73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. Friedrich-Schiller-Universität Jena | G03B 5/02 G03B 5/04 G03B 15/00 G03B 19/07 G03B 37/00 H04N 5/232 |
| (11) EP2252906 | (72) THOMAS, Jens, Ulrich | (11) EP3163348 |
| (21) EP08726728.2 | VOIGTLÄNDER, Christian | (21) EP15812011.3 |
| (47) 23.05.2018 | NOLTE, Stefan | (47) 23.05.2018 |
| (87) US2008003244 | JÁUREGUI MISAS, César | (87) JP2015061505 |
| 17.09.2009 | STUTZKI, Fabian | 30.12.2015 |
| (22) 11.03.2008 | LIMPERT, Jens | (22) 14.04.2015 |
| (54) OPTOELECTRONIC SWITCHES USING ON-CHIP OPTICAL WAVEGUIDES | TÜNNERMANN, Andreas | (54) IMAGING DEVICE |
| (73) Hewlett Packard Enterprise Development LP | (31) 102009041891 | (73) Fujifilm Corporation |
| (72) MCLAREN, Moray | (32) 18.09.2009 | (72) ONO, Shuji |
| AHN, Jung Ho | (33) Germany | (31) 2014132701 |
| BINKERT, Nathan L. | (51) G02B 6/38 | (32) 27.06.2014 |
| DAVIS, Alan L. | (11) EP2545402 | (33) Japan |
| JOUPPI, Norman P. | (21) EP11754002.1 | |
| | (47) 23.05.2018 | |
| | (87) US2011027729 | |
| | 15.09.2011 | |
| (51) G02B 6/26 | (22) 09.03.2011 | (51) G02B 21/00 |
| G02B 6/32 | (54) FIBER OPTIC ENCLOSURE WITH | G02B 21/36 |
| H01S 5/00 | INTERNAL CABLE SPOOL ASSEMBLY | G02B 27/64 |
| H01S 5/022 | (73) ADC Telecommunications, Inc. | G02B 27/58 |
| H01S 5/40 | (72) LOEFFELHOLTZ, Todd, A. | G01N 21/64 |
| (11) EP2529452 | TANG, Mao, Nian | (11) EP3206070 |
| (21) EP11735195.7 | (31) 312733 P | (21) EP17162704.5 |
| (47) 23.05.2018 | (32) 11.03.2010 | (47) 23.05.2018 |
| (87) US2011021931 | (33) United States of America | (22) 28.10.2009 |
| 28.07.2011 | | (54) COMBINATION MICROSCOPY |
| (22) 20.01.2011 | (51) G02B 6/38 | (73) Carl Zeiss Microscopy GmbH |
| (54) HOMOGENIZATION OF FAR FIELD FIBER COUPLED RADIATION | G02B 6/42 | (72) Wolleschensky, Ralf |
| (73) II-VI Laser Enterprise GmbH | (11) EP2638421 | Kleppe, Ingo |
| (72) PARK, Sang-ki | (21) EP11785855.5 | Krampert, Gerhard |
| WOLAK, Edmund, L. | (47) 23.05.2018 | Kempe, Michael |
| JOHNSON, John, Kelly | (87) US2011059279 | (31) 102008054317 |
| CUTILLAS, Serge | 18.05.2012 | (32) 03.11.2008 |
| (31) 297700 P | (22) 04.11.2011 | (33) Germany |
| (32) 22.01.2010 | (54) FERRULES HAVING OPTICAL | (51) G02B 23/20 |
| (33) United States of America | PATHWAYS AND FIBER OPTIC | G02B 23/24 |
| | CONNECTORS USING SAME | B64G 1/22 |
| (51) G02B 6/28 | (73) Corning Optical Communications LLC | G02B 23/02 |
| G02B 6/12 | (72) DEMERITT, Jeffery A | B64G 1/66 |
| H04J 14/02 | FORTUSINI, Davide D | G02B 7/183 |
| (11) EP2628037 | ISENHOUR, Micah C | H01Q 15/16 |
| (21) EP11833344.2 | KNECHT, Dennis M | H01Q 19/19 |
| (47) 23.05.2018 | LUTHER, James P | (11) EP2678731 |
| (87) US2011055982 | (31) 411632 P | (21) EP12749955.6 |
| 19.04.2012 | (32) 09.11.2010 | (47) 23.05.2018 |
| (22) 12.10.2011 | (33) United States of America | (87) US2012026782 |
| (54) AWG SUPPORTING MULTIPLE FREQUENCY BANDS AND CHANNEL PLANS | (51) G02B 6/38 | 30.08.2012 |
| (73) Gemfire Corporation | H01R 13/447 | (22) 27.02.2012 |
| (72) BULTHUIS, Hindrik, Freerk | (11) EP2776877 | (54) MULTIPLE PETAL DEPLOYABLE TELESCOPE |
| (31) 392131 P | (21) EP12795895.7 | (73) Utah State University Research Foundation |
| (32) 12.10.2010 | (47) 23.05.2018 | (72) CROWTHER, Blake |
| (33) United States of America | (87) US2012060188 | NEWSWANDER, Trent |
| | 16.05.2013 | CHAMPAGNE, James |
| | (22) 15.10.2012 | NORRIS, Adam |
| (51) G02B 6/293 | (54) SHUTTERED DUPLEX ADAPTER | (31) 201161446617 P |
| G02B 6/14 | (73) Panduit Corp. | (32) 25.02.2011 |
| H01S 3/067 | (72) SANDERS, Joseph E. | (33) United States of America |
| H01S 3/08 | KUFFEL, Gregory L. | |
| (11) EP2478400 | IRWIN, Phillip J. | (51) G02B 23/24 |
| (21) EP10810745.9 | MARRS, Samuel M. | (11) EP2136235 |
| (47) 23.05.2018 | (31) 201113293591 | (21) EP09007896.5 |
| (87) EP2010005646 | (32) 10.11.2011 | (47) 23.05.2018 |
| 24.03.2011 | (33) United States of America | (22) 16.06.2009 |
| (22) 15.09.2010 | (51) G02B 13/00 | (54) Light source optical system |
| (54) TRANSVERSE MODE FILTER FOR WAVEGUIDES | H04N 5/225 | (73) Olympus Corporation |
| | G02B 17/08 | (72) Uno, Kanae |

| | | |
|---|--|---|
| Hanano, Kazunari | ZIMMERMANN, Martin | (73) Samsung Electronics Co., Ltd. |
| (31) 2008157596 | MÜLLER, Werner | (72) Lee, Gae-hwang |
| (32) 17.06.2008 | BROSIG, Jochen | Jang Jae-eun |
| (33) Japan | UTTENWEILER, Dietmar | Jung, Jae-eun |
| (51) G02B 26/00 | (31) 102007003846 | Hwang, Kyu-young |
| (11) EP3203296 | (32) 25.01.2007 | (31) 20100111566 |
| (21) EP16020027.5 | (33) Germany | (32) 10.11.2010 |
| (47) 23.05.2018 | (51) G02F 1/01 | (33) Korea (Republic) |
| (22) 02.02.2016 | H04B 10/90 | (51) G02F 1/1335 |
| (54) CENTROSYMMETRIC CHANGER FOR OPTICAL ELEMENTS | (11) EP2827515 | (11) EP2503383 |
| (73) Baader, Thomas | (21) EP14175188.3 | (21) EP12160955.6 |
| (72) Baader, Thomas | (47) 23.05.2018 | (47) 23.05.2018 |
| (51) G02B 27/01 | (22) 01.07.2014 | (22) 23.03.2012 |
| B60R 1/04 | (54) Integrated photonic frequency converter and mixer | (54) DIRECT TYPE BACKLIGHT |
| B60R 1/12 | (73) The Boeing Company | (73) BOE Technology Group Co., Ltd. |
| B60R 1/08 | (72) Shi, Yongqiang | BOE Optical Science And Technology Co., Ltd. |
| (11) EP3119643 | (31) 201313932016 | (72) YING, Wentao |
| (21) EP15764172.1 | (32) 01.07.2013 | (31) 201110074408 |
| (47) 23.05.2018 | (33) United States of America | (32) 25.03.2011 |
| (87) US2015021769 | (51) G02F 1/09 | (33) China |
| 24.09.2015 | (11) EP3001241 | (51) G02F 1/155 |
| (22) 20.03.2015 | (21) EP13891714.1 | (11) EP3182197 |
| (54) TRI-MODAL DISPLAY MIRROR ASSEMBLY | (47) 23.05.2018 | (21) EP16202016.8 |
| (73) Gentex Corporation | (87) CN2013081774 | (47) 23.05.2018 |
| (72) VANDERPLOEG, John A. | 26.02.2015 | (22) 02.12.2016 |
| VANVUUREN, Mark A. | (22) 19.08.2013 | (54) ELECTROCHROMIC ELEMENT |
| LEE, Ethan J. | (54) OPTOISOLATOR | (73) Ricoh Company, Ltd. |
| (31) 201461968715 P | (73) Huawei Technologies Co., Ltd. | (72) SHINODA, Masato |
| (32) 21.03.2014 | (72) CHEN, Jian | YAMOMATO, Satoshi |
| (33) United States of America | XU, Zhiguang | SAGISAKA, Toshiya |
| (51) G02B 27/01 | (51) G02F 1/1333 | GOTO, Daisuke |
| G02B 6/34 | G09F 9/302 | HORIUCHI, Tamotsu |
| (11) EP2329309 | G09F 9/35 | TAKAHASHI, Hiroyuki |
| (21) EP09782969.1 | (11) EP2664957 | KANEKO, Fuminari |
| (47) 23.05.2018 | (21) EP13153969.4 | INOUE, Mamiko |
| (87) EP2009061871 | (47) 23.05.2018 | YASHIRO, Tohru |
| 01.04.2010 | (22) 05.02.2013 | (31) 2015244568 |
| (22) 14.09.2009 | (54) Curved display apparatus | 2016224117 |
| (54) DISPLAY DEVICE AND DISPLAY METHOD | (73) Samsung Electronics Co., Ltd. | (32) 15.12.2015 |
| (73) tooz technologies GmbH | Samsung Display Co., Ltd. | 17.11.2016 |
| (72) LINDIG, Karsten | (72) An, Jun-seok | (33) Japan |
| DOBSCHAL, Hans-Jürgen | Kim, Dong-wook | Japan |
| RUDOLPH, Günter | Kim, Sung-hwan | (51) G03B 7/28 |
| (31) 102008049407 | Park, Jee-su | H04N 5/351 |
| (32) 29.09.2008 | Park, Chan-hong | H04N 5/243 |
| (33) Germany | Sim, Byung-kook | (11) EP2946249 |
| (51) G02C 7/02 | Lee, Jong-cheol | (21) EP13871462.1 |
| G02C 7/06 | Lee, Cheol-se | (47) 23.05.2018 |
| G02C 13/00 | Choi, Hyeong-sik | (87) CA2013050060 |
| (11) EP2115524 | Ahn, Byung Wook | 24.07.2014 |
| (21) EP08707293.0 | Lee, Cheong Hun | (22) 28.01.2013 |
| (47) 23.05.2018 | (31) 201261648189 P | (54) IMAGING APPARATUS WITH SCENE ADAPTIVE AUTO EXPOSURE COMPENSATION |
| (87) EP2008000584 | 20120073323 | (73) Avigilon Corporation |
| 31.07.2008 | 20120124338 | (72) AFROOZE, Sina |
| (22) 25.01.2008 | (32) 17.05.2012 | SUN, Guoqian |
| (54) METHOD FOR CALCULATING A SPECTACLE LENS HAVING A VARIABLE POSITION OF THE REFERENCE POINTS | 05.07.2012 | (31) 201361752889 P |
| (73) Rodenstock GmbH | 05.11.2012 | (32) 15.01.2013 |
| (72) ESSER, Gregor | (33) United States of America | (33) United States of America |
| ALTHEIMER, Helmut | Korea (Republic) | (51) G03B 21/132 |
| BECKEN, Wolfgang | Korea (Republic) | G03B 21/50 |
| BICHLER, Robert | (51) G02F 1/1334 | H04N 5/225 |
| SEIDEMANN, Anne | G02F 1/1335 | (11) EP2748675 |
| | (11) EP2453299 | (21) EP11870279.4 |
| | (21) EP11188267.6 | (47) 23.05.2018 |
| | (47) 23.05.2018 | (47) 23.05.2018 |
| | (22) 08.11.2011 | (87) US2011058896 |
| | (54) Display device having color filter | |

| | | |
|---|--|---|
| 07.02.2013 | (54) Use of a Resist Composition for Immersion Exposure and Pattern Formation Method Using the Composition | G03G 15/01 H04N 1/58 |
| (22) 02.11.2011 | (73) FUJIFILM Corporation | (11) EP1965266 |
| (54) PROJECTION CAPTURE SYSTEM, PROGRAMMING AND METHOD | (72) Nishiyama, Fumiyuki Takahashi, Hyou | (21) EP08102129.7 |
| (73) Hewlett-Packard Development Company, L.P. | (31) 2004044795 | (47) 23.05.2018 |
| (72) SHORT, David Bradley | (32) 20.02.2004 | (22) 28.02.2008 |
| (31) PCT/US2011/045983 | (33) Japan | (54) Method of controlling a colour image forming apparatus |
| PCT/US2011/046253 | (51) G03F 7/20 | (73) S-Printing Solution Co., Ltd. |
| PCT/US2011/053947 | (11) EP2220536 | (72) Shin, Sang Youn |
| (32) 29.07.2011 | (21) EP08849196.4 | (31) 20070020949 |
| 02.08.2011 | (47) 23.05.2018 | (32) 02.03.2007 |
| 29.09.2011 | (47) 23.05.2018 | (33) Korea (Republic) |
| (33) World Intellectual Property Office (WIPO) | (87) EP2008065462 | (51) G03G 15/01 |
| World Intellectual Property Office (WIPO) | 22.05.2009 | G03G 15/043 |
| World Intellectual Property Office (WIPO) | (22) 13.11.2008 | G03G 15/02 |
| (51) G03B 42/04 | (54) ILLUMINATION SYSTEM OF A MICROLITHOGRAPHIC PROJECTION EXPOSURE APPARATUS | G03G 15/00 |
| G03B 42/08 | (73) Carl Zeiss SMT GmbH | (11) EP2624061 |
| G01T 1/20 | (72) FIOŁKA, Damian | (21) EP12195404.4 |
| (11) EP2879001 | BLAHNIK, Vladan | (47) 23.05.2018 |
| (21) EP13194600.6 | (31) 102007055063 | (22) 04.12.2012 |
| (47) 23.05.2018 | (32) 16.11.2007 | (54) Image forming apparatus which uses electrostatic latent image for color misregistration correction |
| (22) 27.11.2013 | (33) Germany | (73) Canon Kabushiki Kaisha |
| (54) Apparatus and method for reading out storage phosphor plates | (51) G03G 9/08 | (72) Kumada, Hiromitsu |
| (73) Agfa HealthCare N.V. | G03G 9/087 | Hagiwara, Hiroshi |
| (72) Hammer, Heribert | G03G 9/097 | Ohkubo, Takateru |
| (51) G03F 7/00 | (11) EP2217971 | Hirayama, Akinobu |
| (11) EP2823356 | (21) EP08856276.4 | Kubo, Yoshiko |
| (21) EP13708037.0 | (47) 23.05.2018 | (31) 2012018640 |
| (47) 23.05.2018 | (87) US2008084856 | (32) 31.01.2012 |
| (87) US2013027396 | 11.06.2009 | (33) Japan |
| 29.08.2013 | (22) 26.11.2008 | (51) G03G 15/01 |
| (22) 22.02.2013 | (54) COMPOUNDS AND METHODS OF FORMING COMPOUNDS USEFUL AS A TONER | G03G 21/00 |
| (54) LARGE AREA IMPRINT LITHOGRAPHY | (73) Dow Global Technologies LLC | (11) EP2372462 |
| (73) Molecular Imprints, Inc. | (72) YOUNG, Timothy, J. | (21) EP11155325.1 |
| (72) CHOI, Byung-jin | LUNDGARD, Richard, A. | (47) 23.05.2018 |
| AHN, Se, Hyun | JOHNSON, Michael, J. | (22) 22.02.2011 |
| GANAPATHISUBRAMANIAN, Mahadevan | WAN, Qichun | (54) Image forming apparatus |
| MILLER, Michael, N. | KALINOWSKI, Matthew, J. | (73) Ricoh Company, Limited |
| SREENIVASAN, Sidlgata, V. | CHURCHFIELD, Mechelle, A. | (72) Ninomiya, Hiromichi |
| (31) 201261601632 P | STRANDBURG, Gary, M. | Mizusawa, Hiroshi |
| (32) 22.02.2012 | (31) 991180 P | Kumagai, Naohiro |
| (33) United States of America | (32) 29.11.2007 | Matsuura, Hiroki |
| (51) G03F 7/004 | (33) United States of America | Ozawa, Yoshinori |
| G03F 7/039 | (51) G03G 9/09 | (31) 2010036778 |
| G03F 7/20 | G03G 9/08 | (32) 23.02.2010 |
| (11) EP1621927 | (11) EP3091397 | (33) Japan |
| (21) EP05014633.1 | (21) EP16167291.0 | (51) G03G 15/02 |
| (47) 23.05.2018 | (47) 23.05.2018 | (11) EP3121655 |
| (22) 06.07.2005 | (22) 27.04.2016 | (21) EP16175626.7 |
| (54) Positive type resist composition for use in liquid immersion exposure and a method of forming the pattern using the same | (54) TONER INCLUDING MICROCAPSULES THAT CONTAIN A FRAGRANT MATERIAL | (47) 23.05.2018 |
| (73) FUJIFILM Corporation | (73) Kabushiki Kaisha Toshiba | (22) 22.06.2016 |
| (72) Kanda, Hiromi | Toshiba TEC Kabushiki Kaisha | (54) CHARGING MEMBER, PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS |
| Inabe, Haruki | (72) YOSHIDA, Maiko | (73) Canon Kabushiki Kaisha |
| (31) 2004200679 | ARAKI, Satoshi | (72) DOI, Noriyuki |
| (32) 07.07.2004 | TAKANO, Taishi | KODAMA, Masataka |
| (33) Japan | URABE, Takashi | TAKENO, Kineo |
| (51) G03F 7/004 | ISHIKAWA, Junichi | (31) 2015129031 |
| G03F 7/039 | (31) 2015095918 | (32) 26.06.2015 |
| G03F 7/20 | (32) 08.05.2015 | (33) Japan |
| (11) EP1566693 | (33) Japan | (51) G03G 15/20 |
| (21) EP05002940.4 | (51) G03G 15/00 | G03G 21/16 |
| (47) 23.05.2018 | | (11) EP2290468 |
| (22) 11.02.2005 | | |

| | | |
|--|--|---|
| (21) EP10251465.0 | (47) 23.05.2018 | (33) Germany |
| (47) 23.05.2018 | (22) 20.12.2012 | (51) G05D 1/02 |
| (22) 19.08.2010 | (54) Toner recovery device and image forming apparatus having the toner recovery device | B60W 10/18 |
| (54) Fixing roller for fixing unit, fixing unit, image forming apparatus, roller replacement aid for fixing unit, and method of replacing fixing roller in fixing unit | (73) Kyocera Document Solutions Inc. | G06K 9/00 |
| (73) Ricoh Company Ltd. | (72) Konishi, Hirohito | (11) EP3118703 |
| (72) Kamoshida, Chiharu | (31) 2011281315 | (21) EP15176439.6 |
| Sawahata, Sho | (32) 22.12.2011 | (47) 23.05.2018 |
| Kawamichi, Genichiro | (33) Japan | (22) 13.07.2015 |
| (31) 2009199997 | (51) G04B 15/10 | (54) SAFETY STOPPAGE DEVICE AND METHOD FOR SAFETY STOPPAGE OF AN AUTONOMOUS VEHICLE |
| (32) 31.08.2009 | (11) EP3121661 | (73) Volvo Car Corporation |
| (33) Japan | (21) EP15177689.5 | (72) Coelingh, Erik |
| (51) G03G 15/23 | (47) 23.05.2018 | Kindberg, Leif |
| G03G 21/00 | (22) 21.07.2015 | (51) G05D 16/02 |
| (11) EP3144737 | (54) CONSTANT-FORCE DIRECT ESCAPEMENT MECHANISM | G05D 16/10 |
| (21) EP16188540.5 | (73) Cartier International AG | G05D 16/06 |
| (47) 23.05.2018 | (72) BAS, Kéwin | (11) EP2898386 |
| (22) 13.09.2016 | (51) G05B 13/00 | (21) EP13770609.9 |
| (54) IMAGE FORMING APPARATUS | G05B 17/02 | (47) 23.05.2018 |
| (73) Canon Kabushiki Kaisha | G05D 23/19 | (87) US2013060785 |
| (72) MATSUKAWA, Akihisa | F24F 11/00 | 27.03.2014 |
| TAMAGAKI, Kuniaki | (11) EP2537071 | (22) 20.09.2013 |
| WATANABE, Takanori | (21) EP11704901.5 | (54) BALANCED REGULATOR WITH INLET PRESSURE SENSING TUBE |
| (31) 2015182090 | (47) 23.05.2018 | (73) Emerson Process Management Regulator Technologies, Inc. |
| (32) 15.09.2015 | (87) US2011024847 | (72) FAN, Guolei |
| (33) Japan | 18.08.2011 | (31) 201210353600 |
| (51) G03G 21/00 | (22) 15.02.2011 | 201313797205 |
| G03G 15/08 | (54) MODEL BASED SYSTEM AND METHOD FOR ESTIMATING PARAMETERS AND STATES IN TEMPERATURE CONTROLLED SPACES | (32) 21.09.2012 |
| G03G 15/16 | (73) Carrier Corporation | 12.03.2013 |
| G03G 15/02 | (72) O'NEILL, Zheng | (33) China |
| C08J 9/00 | NARAYANAN, Satish | United States of America |
| C08L 75/04 | DIEBOLD, Mathias | (51) G05D 16/06 |
| C08J 9/30 | BANASZUK, Andrzej | G05D 16/10 |
| (11) EP2544052 | (31) 304613 P | G05D 16/16 |
| (21) EP11750657.6 | (32) 15.02.2010 | F16K 31/128 |
| (47) 23.05.2018 | (33) United States of America | F16K 1/12 |
| (87) JP2011054649 | (51) G05B 15/02 | (11) EP2918881 |
| 09.09.2011 | G06F 11/14 | (21) EP14159465.5 |
| (22) 01.03.2011 | G05B 19/042 | (47) 23.05.2018 |
| (54) CONDUCTIVE ROLLER AND MANUFACTURING METHOD THEREFOR | G06F 9/445 | (22) 13.03.2014 |
| (73) Bridgestone Corporation | G06F 11/20 | (54) Pilot valve |
| (72) TAKANO Junichi | (11) EP2642360 | (73) IMI Hydronic Engineering International SA |
| YOSHIMURA Izumi | (21) EP13159189.3 | (72) Volovec, Peter |
| (31) 2010044654 | (47) 23.05.2018 | Lazov, Slave |
| (32) 01.03.2010 | (22) 14.03.2013 | (51) G05D 17/02 |
| (33) Japan | (54) Process control system | B25B 23/142 |
| (51) G03G 21/02 | (73) Yokogawa Electric Corporation | B25B 23/147 |
| G03G 15/00 | (72) Torigoe, Kenji | (11) EP2917799 |
| (11) EP2479620 | (31) 2012068041 | (21) EP13789284.0 |
| (21) EP12151486.3 | (32) 23.03.2012 | (47) 23.05.2018 |
| (47) 23.05.2018 | (33) Japan | (87) EP2013073340 |
| (22) 18.01.2012 | (51) G05B 19/04 | 15.05.2014 |
| (54) Printer capable of authenticating user. | (11) EP2793238 | (22) 08.11.2013 |
| (73) Brother Kogyo Kabushiki Kaisha | (21) EP14001360.8 | (54) METHOD FOR CONTROLLING A SCREWDRIVER AND SCREWDRIVER |
| (72) Sugiyama, Takashi | (47) 23.05.2018 | (73) Wagner Vermögensverwaltungs-GmbH & Co. KG |
| (31) 2011011199 | (22) 15.04.2014 | (72) ANDRES, Günter |
| 2011239750 | (54) Fluid technology control system for hydraulic and/or pneumatic actuators | NEISS, Günter |
| (32) 21.01.2011 | (73) Tries GmbH & CO. KG | ZIMMER, Andreas |
| 31.10.2011 | (72) Bachhofer, Matthias | LINSEL, Bernd |
| (33) Japan | Herzog, Robert | BOZEK, Daniel |
| Japan | (31) 102013006345 | (31) 102012220482 |
| (51) G03G 21/10 | (32) 15.04.2013 | (32) 09.11.2012 |
| (11) EP2607965 | | |
| (21) EP12198435.5 | | |

| | | |
|--|--|---|
| (33) Germany | (54) MICROPROCESSOR, AND METHOD OF MANAGING RESET EVENTS THEREFOR | SAUNAMÄKI, Jarkko Tapio |
| (51) G06F 1/16 | (73) NXP USA, Inc. | JOKINEN, Teppo Tapani |
| (11) EP2917801 | (72) LUEDEKE, Thomas | VÄNSKÄ, Anssi |
| (21) EP12887894.9 | BAUMEISTER, Markus | KOSONEN, Matti |
| (47) 23.05.2018 | CULSHAW, Carl | (31) 201113328552 |
| (87) US2012064310 | (31) PCT/IB2011/055259 | (32) 16.12.2011 |
| 15.05.2014 | (32) 23.11.2011 | (33) United States of America |
| (22) 09.11.2012 | (33) World Intellectual Property Office (WIPO) | (51) G06F 3/023 |
| (54) MAGNETS AT DISPLAY COMPONENT AND BASE | (51) G06F 1/32 | H03K 17/96 |
| (73) Hewlett-Packard Development Company, L.P. | (11) EP2503430 | G06F 3/0488 |
| (72) CHVATAL, Gary J | (21) EP11158792.9 | (11) EP2770406 |
| NI, Wen-Hua | (47) 23.05.2018 | (21) EP13155935.3 |
| LEE, Kuan-Hsueh | (22) 18.03.2011 | (47) 23.05.2018 |
| CHEN, Eric | (54) System resource management in an electronic device | (22) 20.02.2013 |
| LIM, Hui Leng | (73) 2236008 Ontario Inc. | (54) Method and apparatus for responding to a notification via a capacitive physical keyboard |
| ASHCRAFT, Britt C | (72) Danko, Atilla | (73) BlackBerry Limited |
| (51) G06F 1/16 | Stecher, Brian John | (72) Pasquero, Jerome |
| H04M 1/23 | (51) G06F 3/01 | McKenzie, Donald |
| G06F 3/0488 | F16H 25/18 | (51) G06F 3/0354 |
| H04M 1/02 | F16H 57/023 | (11) EP2669769 |
| (11) EP2280527 | (11) EP3223117 | (21) EP13169947.2 |
| (21) EP10167085.9 | (21) EP17162454.7 | (47) 23.05.2018 |
| (47) 23.05.2018 | (47) 23.05.2018 | (22) 31.05.2013 |
| (22) 23.06.2010 | (22) 22.03.2017 | (54) Pen-shaped coordinate indicator |
| (54) Mobile terminal with foldable keypad | (54) OPERATION DEVICE AND METHOD FOR MANUFACTURING THE SAME | (73) Wacom Co., Ltd. |
| (73) LG Electronics Inc. | (73) Kabushiki Kaisha Tokai Rika Denki Seisakusho | (72) Chikami, Toshihide |
| (72) Cha, Yongduk | (72) KUBO, Yuki | (31) 2012124021 |
| Sung, Changui | (31) 2016058377 | (32) 31.05.2012 |
| (31) 20090061856 | (32) 23.03.2016 | (33) Japan |
| (32) 07.07.2009 | (33) Japan | (51) G06F 3/0354 |
| (33) Korea (Republic) | (51) G06F 3/01 | G06F 3/041 |
| (51) G06F 1/18 | G06F 3/0346 | G06F 3/044 |
| H05K 7/14 | G06F 3/0484 | (11) EP2568359 |
| (11) EP2985672 | A61B 34/30 | (21) EP12182599.6 |
| (21) EP15177985.7 | A61B 34/00 | (47) 23.05.2018 |
| (47) 23.05.2018 | A61B 34/20 | (22) 31.08.2012 |
| (22) 23.07.2015 | (11) EP2798444 | (54) A controlling system and a controlling method of a touch panel, and a stylus pen for applying to the touch panel |
| (54) SERVER | (21) EP12816572.7 | (73) TPK Touch Solutions Inc. |
| (73) Pegatron Corporation | (47) 23.05.2018 | (72) Chu, Chun-Hsueh |
| (72) CHEN, Ko-wei | (87) US2012071001 | Chiu, Jui-Jung |
| CHOU, Wei-ting | (22) 20.12.2012 | (31) 201110262622 |
| (31) 103213442 | (54) SYSTEMS AND METHODS FOR SELECTIVELY ACTIVATING HAPTIC GUIDE ZONES | (32) 06.09.2011 |
| (32) 29.07.2014 | (73) Mako Surgical Corp. | (33) China |
| (33) Taiwan, Province of China | (72) IORGULESCU, Radu | (51) G06F 3/041 |
| (51) G06F 1/20 | GRANCHI, Carinne Cecile | G06F 3/046 |
| H05K 7/20 | MOSES, Dennis | G06F 3/0354 |
| (11) EP3088987 | WOJCIK, Jason Robert | (11) EP2703970 |
| (21) EP16167123.5 | (31) 201113340668 | (21) EP13182276.9 |
| (47) 23.05.2018 | (32) 29.12.2011 | (47) 23.05.2018 |
| (22) 26.04.2016 | (33) United States of America | (22) 29.08.2013 |
| (54) COOLING SYSTEM FOR A PROCESSOR | (51) G06F 3/01 | (54) Apparatus and method for processing input on touch screen |
| (73) Toshiba TEC Kabushiki Kaisha | H04M 1/02 | (73) Samsung Electronics Co., Ltd |
| (72) KATO, Kazunori | (11) EP2791759 | (72) Lee, Joo-Hoon |
| (31) 201514699960 | (21) EP12856754.2 | Oh, Sang-Hyeok |
| (32) 29.04.2015 | (47) 23.05.2018 | (31) 20120095081 |
| (33) United States of America | (87) IB2012057335 | (32) 29.08.2012 |
| (51) G06F 1/24 | 20.06.2013 | (33) Korea (Republic) |
| G06F 11/07 | (22) 14.12.2012 | (51) G06F 3/041 |
| (11) EP2783266 | (54) A CASING | H04N 13/04 |
| (21) EP12851148.2 | (73) Nokia Technologies Oy | G02B 27/22 |
| (47) 23.05.2018 | (72) SALO, Antti Oskari | G02F 1/1333 |
| (87) IB2012050901 | | (11) EP2848990 |
| 30.05.2013 | | |
| (22) 27.02.2012 | | |

| | | |
|--|---|---|
| (21) EP12844663.0 | (11) EP2128748 | ZHAO, Jason, Xiaobo |
| (47) 23.05.2018 | (21) EP09000953.1 | PEARSON, Mark |
| (87) CN2012086390 | (47) 23.05.2018 | (31) 427919 |
| 07.11.2013 | (22) 23.01.2009 | (32) 22.04.2009 |
| (22) 12.12.2012 | (54) Mobile terminal and screen displaying | (33) United States of America |
| (54) A liquid crystal lens grating having touch-control for a three dimensional display and its manufacturing process. | (73) LG Electronics Inc. | (51) G06F 3/0485 |
| (73) Beijing BOE Optoelectronics Technology Co., Ltd. | (72) Kim, Dong Kyu | G06F 3/041 |
| (72) YANG, Shengji | Kim, Tae Hun | G06F 3/0488 |
| LIU, Yingming | Ju, Wan Ho | (11) EP2816459 |
| WANG, Haisheng | (31) 20080026463 | (21) EP13749389.6 |
| WU, Junwei | (32) 21.03.2008 | (47) 23.05.2018 |
| (31) 201210134898 | (33) Korea (Republic) | (87) JP2013053760 |
| (32) 03.05.2012 | (51) G06F 3/0481 | 22.08.2013 |
| (33) China | G06F 3/0484 | (22) 15.02.2013 |
| (51) G06F 3/044 | G06F 3/01 | (54) INPUT CONTROL DEVICE, ELECTRONIC INSTRUMENT, INPUT CONTROL METHOD, PROGRAM, AND RECORDING MEDIUM |
| G06F 3/041 | G06K 9/00 | (73) Sharp Kabushiki Kaisha |
| (11) EP2732361 | A63F 13/00 | (72) OHTSUKA, Kiyofumi |
| (21) EP11869235.9 | G06Q 30/02 | ISHIKAWA, Hirokazu |
| (47) 23.05.2018 | A63F 13/428 | YOKOGAWA, Megumi |
| (87) US2011043667 | A63F 13/219 | SATO, Shinya |
| 17.01.2013 | A63F 13/213 | KISHIMOTO, Tatsuo |
| (22) 12.07.2011 | A63F 13/426 | YABUKI, Yuhichi |
| (54) ELECTRONIC DEVICE AND METHOD OF CONTROLLING A TOUCH-SENSITIVE DISPLAY | (11) EP3137974 | NAGASAWA, Tadao |
| (73) BlackBerry Limited | (21) EP15721448.7 | (31) 2012032175 |
| (72) PEREVERZEV, Stanislav | (47) 23.05.2018 | (32) 16.02.2012 |
| GOLOVCHENKO, Mykola | (87) US2015027186 | (33) Japan |
| STACY, William, Turlay | 05.11.2015 | (51) G06F 3/0485 |
| (51) G06F 3/048 | (22) 23.04.2015 | G06F 3/0488 |
| G06F 3/01 | (54) DISPLAY DEVICE VIEWER GAZE ATTRACTION | (11) EP2746918 |
| (11) EP2539799 | (73) Microsoft Technology Licensing, LLC | (21) EP13306730.6 |
| (21) EP11747907.1 | (72) EDEN, Ibrahim | (47) 23.05.2018 |
| (47) 23.05.2018 | (31) 201414265103 | (22) 16.12.2013 |
| (87) US2011025575 | (32) 29.04.2014 | (54) Fragmented scrolling of a page |
| 01.09.2011 | (33) United States of America | (73) Orange |
| (22) 21.02.2011 | (51) G06F 3/0481 | (72) Briand, Hyacinthe |
| (54) MULTI-SCREEN PINCH AND EXPAND GESTURES | G06F 19/00 | (31) 201261745291 P |
| (73) Microsoft Technology Licensing, LLC | G06T 19/00 | (32) 21.12.2012 |
| (72) HINCKLEY, Kenneth P. | G06F 3/0346 | (33) United States of America |
| YATANI, Koji | G06F 3/01 | (51) G06F 3/0488 |
| (31) 713053 | (11) EP2363794 | (11) EP2793119 |
| (32) 25.02.2010 | (21) EP11156535.4 | (21) EP14160831.5 |
| (33) United States of America | (47) 23.05.2018 | (47) 23.05.2018 |
| (51) G06F 3/048 | (22) 02.03.2011 | (22) 20.03.2014 |
| G06F 3/033 | (54) Systems and methods for simulations utilizing a virtual coupling | (54) Mobile terminal and control method thereof |
| G06F 3/0488 | (73) Immersion Corporation | (73) LG Electronics Inc. |
| (11) EP2304537 | (72) Ikits, Milan | (72) Jung, Hojae |
| (21) EP09769623.1 | Nelson, Donald | Jung, Juhyun |
| (47) 23.05.2018 | (31) 716903 | (31) 20130043104 |
| (87) IB2009005957 | (32) 03.03.2010 | (32) 18.04.2013 |
| 30.12.2009 | (33) United States of America | (33) Korea (Republic) |
| (22) 16.06.2009 | (51) G06F 3/0484 | (51) G06F 3/0488 |
| (54) METHOD AND APPARATUS FOR EXECUTING A FEATURE USING A TACTILE CUE | G06F 3/0481 | G06F 3/0487 |
| (73) Nokia Technologies Oy | G11B 27/34 | H04M 1/725 |
| (72) PIHLAJA, Pekka | (11) EP2422280 | (11) EP2706441 |
| (31) 145183 | (21) EP10767536.5 | (21) EP12779973.2 |
| (32) 24.06.2008 | (47) 23.05.2018 | (47) 23.05.2018 |
| (33) United States of America | (87) US2010031109 | (87) JP2012061381 |
| (51) G06F 3/048 | 28.10.2010 | 08.11.2012 |
| G06F 3/0485 | (22) 14.04.2010 | (22) 27.04.2012 |
| G06F 3/0488 | (54) MEDIA TIMELINE INTERACTION | (54) TOUCH PANEL-TYPE PORTABLE TERMINAL AND INPUT OPERATION METHOD |
| | (73) Microsoft Technology Licensing, LLC | (73) NEC Corporation |
| | (72) YU, Sandy | (72) MAKIGUCHI Tomoya |
| | LI, Barn-Wan | (31) 2011102784 |
| | CHEN, Jeffrey, Chao-Nan | |
| | HUANG, Allen, Pin-Shiu | |

| | | |
|-----------------------------------|--|--|
| (32) 02.05.2011 | (31) 102009009445 | (47) 23.05.2018 |
| (33) Japan | (32) 13.02.2009 | (87) JP2011002148 |
| (51) G06F 3/06 | (33) Germany | 29.12.2011 |
| G06F 12/06 | (51) G06F 3/12 | (22) 12.04.2011 |
| G06F 11/14 | G06K 15/02 | (54) SEMICONDUCTOR INTEGRATED |
| (11) EP2936319 | (11) EP2535801 | CIRCUIT AND INDEX CALCULATION |
| (21) EP13864506.4 | (21) EP12171384.6 | METHOD |
| (47) 23.05.2018 | (47) 23.05.2018 | (73) NEC Corporation |
| (87) US2013075191 | (22) 08.06.2012 | (72) SHIBAYAMA, Atsufumi |
| 26.06.2014 | (54) SERIAL RASTER IMAGE PROCESSORS | (31) 2010141765 |
| (22) 13.12.2013 | USED FOR ERROR CORRECTION | (32) 22.06.2010 |
| (54) VIRTUAL TAPE LIBRARY SYSTEM | IN A PARALLEL RASTER IMAGE | (33) Japan |
| (73) Amazon Technologies, Inc. | PROCESSOR ENVIRONMENT | (51) G06F 8/61 |
| (72) VINCENT, Pradeep | (73) Ricoh Company, Ltd. | H04L 29/06 |
| CARL, Craig | (72) Ward, David | H04L 29/08 |
| SUNDARAM, Arun | Rivadeneira, Randell | (11) EP2656571 |
| (31) 201213722743 | Roberts, Arthur | (21) EP10795389.5 |
| 201213722814 | (31) 201113159028 | (47) 23.05.2018 |
| (32) 20.12.2012 | (32) 13.06.2011 | (87) EP2010070396 |
| 20.12.2012 | (33) United States of America | 28.06.2012 |
| (33) United States of America | (51) G06F 3/147 | (22) 21.12.2010 |
| United States of America | G09F 9/302 | (54) DELIVERY AND EXECUTION OF LOGIC |
| (51) G06F 3/06 | (11) EP3108357 | IN USER TERMINAL IN IMS SESSION |
| G06F 21/00 | (21) EP15752784.7 | (73) Telefonaktiebolaget LM Ericsson (publ) |
| G06F 21/31 | (47) 23.05.2018 | (72) BALDWIN, John |
| G06F 21/10 | (87) US2015016558 | PRZYBYSZ, Hubert |
| G06F 21/79 | 27.08.2015 | (51) G06F 9/44 |
| G06F 21/62 | (22) 19.02.2015 | (11) EP1977313 |
| (11) EP2510430 | (54) NON-STRAIGHT SEAMING | (21) EP07705430.2 |
| (21) EP10800795.6 | (73) Prysm, Inc. | (47) 23.05.2018 |
| (47) 23.05.2018 | (72) MCANDREW, David M. | (87) IB2007000095 |
| (87) US2010057438 | RITTER, John L. | 26.07.2007 |
| 16.06.2011 | (31) 201461942828 P | (22) 12.01.2007 |
| (22) 19.11.2010 | (32) 21.02.2014 | (54) END-TO-END SOLUTION FOR AN |
| (54) STORAGE DEVICE AND METHOD | (33) United States of America | END-USER TO OBTAIN DESIRED |
| FOR USING A VIRTUAL FILE IN A | (51) G06F 7/506 | INFORMATION IN USER INTERFACES |
| PUBLIC MEMORY AREA TO ACCESS A | H03K 19/173 | (73) Nokia Technologies Oy |
| PLURALITY OF PROTECTED FILES IN A | H03K 19/177 | (72) PYHALAMMI, Seppo |
| PRIVATE MEMORY AREA | (11) EP2113836 | HAGGMAN, Kaj |
| (73) SanDisk IL Ltd. | (21) EP09005644.1 | YLINIEMI, Timo |
| (72) COHEN, Ehud | (47) 23.05.2018 | SAARIMAA, Tero-Markus |
| ITTAH, Eyal | (22) 22.04.2009 | SIHVOLA, Tuomo |
| GRIN, Lola | (54) Flexible adder circuits with fast carry chain | (31) 760938 P |
| PELTZ, Uri | circuitry | (32) 23.01.2006 |
| MAOR, Irit | (73) Altera Corporation | (33) United States of America |
| HALEVI, Yonatan | (72) Lewis, David | (51) G06F 9/44 |
| SHMUEL, Avraham | Chromczak, Jeffrey, Christopher | (11) EP2418575 |
| (31) 634470 | (31) 111142 | (21) EP10172441.7 |
| (32) 09.12.2009 | (32) 28.04.2008 | (47) 23.05.2018 |
| (33) United States of America | (33) United States of America | (22) 10.08.2010 |
| (51) G06F 3/12 | (51) G06F 7/72 | (54) Metadata-driven process control platform |
| (11) EP2396718 | (11) EP3086222 | (73) I&DT Holding B.V. |
| (21) EP10711599.0 | (21) EP16166760.5 | (72) Vis, Dennis |
| (47) 23.05.2018 | (47) 23.05.2018 | (51) G06F 9/44 |
| (87) EP2010051813 | (22) 23.04.2016 | G06F 9/445 |
| 19.08.2010 | (54) CIRCUITRY AND METHODS FOR | G06F 9/54 |
| (22) 12.02.2010 | IMPLEMENTING GALOIS-FIELD | (11) EP2306305 |
| (54) METHOD AND ARRANGEMENT | REDUCTION | (21) EP10012514.5 |
| FOR DETECTING PRINTERS, A | (73) Altera Corporation | (47) 23.05.2018 |
| CORRESPONDING COMPUTER | (72) Chu, M Pohrong Rita | (22) 09.08.2006 |
| PROGRAM, AND A CORRESPONDING | (31) 201514694396 | (54) Methods for user interface generation and |
| COMPUTER-READABLE STORAGE | (32) 23.04.2015 | application modification |
| MEDIUM | (33) United States of America | (73) Corizon Limited |
| (73) Cortado AG | (51) G06F 7/76 | (72) Valtchev, Plamen, Ivanov |
| (72) MICKELEIT, Carsten | G06F 7/499 | (31) 750133 P |
| TRAPPE, Bernd | (11) EP2431865 | 0517357 |
| KOMISCHKE, Martin | (21) EP11760675.6 | (32) 14.12.2005 |
| WEESE, Thomas | | 25.08.2005 |

| | | |
|---|--|---|
| (33) United States of America United Kingdom | 16.04.2009 | (72) LEGGETTE, Wesley |
| (51) G06F 9/44 | (22) 11.10.2007 | BAPTIST, Andrew |
| G06F 9/54 | (54) SCHEDULED DOWNLOADS: ENABLING BACKGROUND PROCESSES TO RECEIVE BROADCAST DATA | DHUSE, Greg |
| (11) EP3221785 | (73) QUALCOMM Incorporated | RESCH, Jason, K. |
| (21) EP15794077.6 | (72) ROTHROCK, George Allen | VOLVOVSKI, Ilya |
| (47) 23.05.2018 | MCCARTIE, Jonathan Paul | MOTWANI, Manish |
| (87) EP2015002178 | GLASSMAN, Nicholas Andrew | GLADWIN, S., Christopher |
| 26.05.2016 | | GRUBE, Gary, W. |
| (22) 30.10.2015 | (51) G06F 9/50 | SHIRLEY, Jr. Thomas, Franklin |
| (54) CONTROL OF AN ONLINE SERVICE BY MEANS OF A MOTOR VEHICLE OPERATOR CONTROL DEVICE | (11) EP2602715 | (31) 201161569387 P |
| (73) Audi AG | (21) EP11191925.4 | 201213707428 |
| (72) SELLSCHOPP, Stefan | (47) 23.05.2018 | (32) 12.12.2011 |
| (31) 102014017141 | (22) 05.12.2011 | 06.12.2012 |
| (32) 20.11.2014 | (54) Task subdivision, distribution, and offloading for systems from mobile environments to data centers | (33) United States of America |
| (33) Germany | (73) Deutsche Telekom AG | United States of America |
| (51) G06F 9/445 | (72) Hui, Pan | (51) G06F 11/14 |
| (11) EP1562113 | Burksaitis, Adas | G06F 9/46 |
| (21) EP04075322.0 | (51) G06F 9/50 | (11) EP2156307 |
| (47) 23.05.2018 | H04L 29/08 | (21) EP08742917.1 |
| (22) 03.02.2004 | H04L 12/26 | (47) 23.05.2018 |
| (54) An application management system and a method of managing an application | H04L 12/911 | (87) US2008004866 |
| (73) SAP SE | (11) EP3170079 | 06.11.2008 |
| (72) Werner, Horst | (21) EP15744795.4 | (22) 15.04.2008 |
| (51) G06F 9/445 | (47) 23.05.2018 | (54) DISTRIBUTED, FAULT-TOLERANT AND HIGHLY AVAILABLE COMPUTING SYSTEM |
| (11) EP1672509 | (87) US2015040234 | (73) International Business Machines Corporation |
| (21) EP05111222.5 | 21.01.2016 | (72) DORAI, Chitra |
| (47) 23.05.2018 | (22) 14.07.2015 | STROM, Robert E. |
| (22) 24.11.2005 | (54) PROCESSING CHANGES IN A MULTI- TENANT SYSTEM | FENG, Huining |
| (54) Portable applications | (73) Microsoft Technology Licensing, LLC | (31) 740556 |
| (73) Microsoft Technology Licensing, LLC | (72) GAURAV, Suraj | (32) 26.04.2007 |
| (72) Hughes, Aidan T. | GOIS, Marcus Vinicius Silva | (33) United States of America |
| Barr, Paul C. | COBURN, Mark | (51) G06F 11/14 |
| Nishanova, Anzhelika Y. | PATTABIRAMAN, Swaminathan | G06F 11/20 |
| Yalovsky, David A. | BANSAL, Vipul | (11) EP2889773 |
| East, J. Anthony | (31) 201414334307 | (21) EP14786436.7 |
| (31) 12926 | (32) 17.07.2014 | (47) 23.05.2018 |
| (32) 15.12.2004 | (33) United States of America | (87) CN2014074430 |
| (33) United States of America | (51) G06F 11/10 | 26.03.2015 |
| (51) G06F 9/445 | (11) EP2842037 | (22) 31.03.2014 |
| G06F 9/44 | (21) EP13794823.8 | (54) METHOD FOR BACKING UP DATA DURING MEMORY SYSTEM POWER- DOWN, AND MEMORY SYSTEM CONTROLLER |
| (11) EP1586994 | (47) 23.05.2018 | (73) Huawei Technologies Co., Ltd. |
| (21) EP05102665.6 | (87) EP2013071823 | (72) LI, Yansong |
| (47) 23.05.2018 | 24.04.2014 | (31) 201310428560 |
| (22) 05.04.2005 | (22) 18.10.2013 | (32) 18.09.2013 |
| (54) System and method for dynamic binding of user interface controls and commands | (54) METHOD AND SYSTEM FOR STORING A FILE ON A PLURALITY OF SERVERS | (33) China |
| (73) Microsoft Technology Licensing, LLC | (73) NEC Corporation | (51) G06F 11/14 |
| (72) Jenni, David J. | (72) DOBRE, Dan | G06F 17/30 |
| Cooper, Kenneth B. | KARAME, Ghassan | (11) EP2754029 |
| Roeder, Lutz | (31) 12189208 | (21) EP12829252.1 |
| Gupta, Namita | (32) 19.10.2012 | (47) 23.05.2018 |
| Bent, Samuel W. | (33) European Patent Office (EPO) | (87) US2012053804 |
| Peters, Ted A. | (51) G06F 11/10 | 14.03.2013 |
| (31) 822910 | G06F 3/06 | (22) 05.09.2012 |
| (32) 13.04.2004 | (11) EP2791805 | (54) AUTOMATED SEPARATION OF CORPORATE AND PRIVATE DATA FOR BACKUP AND ARCHIVING |
| (33) United States of America | (21) EP12856963.9 | (73) Symantec Corporation |
| (51) G06F 9/445 | (47) 23.05.2018 | (72) GIBSON, Douglas, E. |
| H04L 12/18 | (87) US2012068883 | NEWSTADT, Keith |
| H04L 29/08 | 20.06.2013 | (31) 201113227151 |
| (11) EP2212780 | (22) 11.12.2012 | (32) 07.09.2011 |
| (21) EP07853970.7 | (54) DISTRIBUTED COMPUTING IN A DISTRIBUTED STORAGE AND TASK NETWORK | (33) United States of America |
| (47) 23.05.2018 | (73) International Business Machines Corporation | (51) G06F 11/20 |
| (87) US2007081132 | | |

| | | |
|--|---|------------------------------------|
| G06F 17/30 | (87) US2012027905 | (72) Shigenobu, Dai |
| (11) EP1683052 | 13.09.2012 | (31) 2012100792 |
| (21) EP04794990.4 | (22) 06.03.2012 | (32) 26.04.2012 |
| (47) 23.05.2018 | (54) METHODS OF ACCESSING MEMORY | (33) Japan |
| (87) US2004033768 | CELLS, METHODS OF DISTRIBUTING | (51) G06F 13/14 |
| 19.05.2005 | MEMORY REQUESTS, SYSTEMS, AND | G06F 13/16 |
| (22) 12.10.2004 | MEMORY CONTROLLERS | G06F 21/72 |
| (54) DATA REPLICATION IN DATA | (73) Micron Technology, Inc. | G06F 21/57 |
| STORAGE SYSTEMS | (72) WALKER, Robert | G06F 21/79 |
| (73) Pillar Data Systems, Inc. | (31) 201113042164 | G06F 21/74 |
| (72) BURTON, David, Alan | (32) 07.03.2011 | G06F 21/85 |
| OTTERNESS, Noel, Simen | (33) United States of America | (11) EP2601588 |
| SHOENS, Kurt, Alan | (51) G06F 12/02 | (21) EP11815248.7 |
| (31) 696327 | G06F 21/79 | (47) 23.05.2018 |
| (32) 28.10.2003 | G06F 3/06 | (87) US2011046380 |
| (33) United States of America | (11) EP2955633 | 09.02.2012 |
| (51) G06F 11/30 | (21) EP13877566.3 | (22) 03.08.2011 |
| G06F 15/16 | (47) 23.05.2018 | (54) PROVIDING FAST NON-VOLATILE |
| H04L 29/06 | (87) CN2013072773 | STORAGE IN A SECURE |
| H04L 12/26 | 18.09.2014 | ENVIRONMENT |
| H04L 12/24 | (22) 15.03.2013 | (73) Intel Corporation |
| G06F 21/62 | (54) DATA ERASING METHOD AND DEVICE | (72) SWANSON, Robert C. |
| H04L 29/08 | FOR FLASH MEMORY | BULUSU, Mallik |
| (11) EP2521974 | (73) Huawei Technologies Co., Ltd. | ZIMMER, Vincent J. |
| (21) EP10841784.1 | (72) LI, Yan | (31) 852303 |
| (47) 23.05.2018 | (51) G06F 12/08 | (32) 06.08.2010 |
| (87) US2010062650 | G06F 12/10 | (33) United States of America |
| 07.07.2011 | G06F 12/109 | (51) G06F 13/16 |
| (22) 31.12.2010 | G06F 12/1009 | G11C 7/10 |
| (54) MONITORING FEDERATION FOR | (11) EP3153971 | G11C 11/4096 |
| CLOUD BASED SERVICES AND | (21) EP15188863.3 | (11) EP2368246 |
| APPLICATIONS | (47) 23.05.2018 | (21) EP09827078.8 |
| (73) Microsoft Technology Licensing, LLC | (22) 08.10.2015 | (47) 23.05.2018 |
| (72) LETCA, Ilarie | (54) A DATA PROCESSING APPARATUS | (87) CA2009001655 |
| SANGHVI, Ashvinkumar J. | AND A METHOD OF OPERATING A | 27.05.2010 |
| BHATIA, Brijesh D. | DATA PROCESSING APPARATUS | (22) 17.11.2009 |
| FINDIK, Ferit | (73) Huawei Technologies Co., Ltd. | (54) METHOD, SYSTEM AND APPARATUS |
| VOLOSHIN, Vitaly | (72) Kokkonen, Jani | FOR TRI-STATING UNUSED DATA |
| (31) 651482 | (51) G06F 13/00 | BYTES DURING DDR DRAM WRITES |
| (32) 04.01.2010 | H04L 29/08 | (73) ATI Technologies ULC |
| (33) United States of America | H04L 12/24 | (72) FRY, James |
| (51) G06F 12/00 | G05B 15/02 | GUTHRIE, George |
| G06F 13/14 | (11) EP2808799 | (31) 274800 |
| G06F 12/02 | (21) EP12866459.6 | (32) 20.11.2008 |
| G06F 13/40 | (47) 23.05.2018 | (33) United States of America |
| (11) EP2943882 | (87) JP2012051463 | (51) G06F 13/24 |
| (21) EP14737805.3 | 01.08.2013 | G06F 13/42 |
| (47) 23.05.2018 | (22) 24.01.2012 | (11) EP3159802 |
| (87) US2014011352 | (54) EQUIPMENT MANAGEMENT DEVICE, | (21) EP14897766.3 |
| 17.07.2014 | EQUIPMENT MANAGEMENT METHOD, | (47) 23.05.2018 |
| (22) 13.01.2014 | PROGRAM AND EQUIPMENT | (87) CN2014082263 |
| (54) SYSTEMS AND METHODS OF | MANAGEMENT SYSTEM | 21.01.2016 |
| CONFIGURING A MODE OF | (73) Mitsubishi Electric Corporation | (22) 15.07.2014 |
| OPERATION IN A SOLID-STATE | (72) ISHIZAKA Taichi | (54) SHARING METHOD AND DEVICE |
| MEMORY | SUZUKI Shigeki | FOR PCIE I/O DEVICE AND |
| (73) Western Digital Technologies, Inc. | ITO Takahiro | INTERCONNECTION SYSTEM |
| (72) JEAN, Sebastien A. | KOMIYA Noriyuki | (73) Huawei Technologies Co. Ltd. |
| HORN, Robert L. | KUROIWA Takeru | (72) LI, Feng |
| (31) 201313741299 | (51) G06F 13/10 | FANG, Fan |
| (32) 14.01.2013 | H04N 1/00 | (51) G06F 13/38 |
| (33) United States of America | (11) EP2658237 | H04L 12/861 |
| (51) G06F 12/02 | (21) EP13164497.3 | (11) EP2722768 |
| G06F 13/14 | (47) 23.05.2018 | (21) EP13153148.5 |
| G06F 13/16 | (22) 19.04.2013 | (47) 23.05.2018 |
| G06F 12/06 | (54) Display device having connection receiving | (22) 29.01.2013 |
| (11) EP2684133 | portion for external storage device and image | (54) TCP processing for devices |
| (21) EP12755210.7 | forming apparatus having display panel | (73) Solarflare Communications Inc |
| (47) 23.05.2018 | (73) Kyocera Document Solutions Inc. | (72) Pope, Steve |

| | | |
|---|--|--|
| Riddoch, David | (22) 28.05.2013 | (54) SEARCH OF SIMILAR FEATURES REPRESENTING OBJECTS IN A LARGE REFERENCE DATABASE |
| (31) 201261714405 P 201213671434 | (54) METHODS AND SYSTEMS FOR GAS LIFT RATE MANAGEMENT | (73) Institut National de l'Audiovisuel - INA |
| (32) 16.10.2012 07.11.2012 | (73) Landmark Graphics Corporation | (72) Joly, Alexis |
| (33) United States of America United States of America | (72) FLEMING, Graham, Christopher LU, Qin | (31) 968624 |
| (51) G06F 13/40 | (31) 201261660678 P | (32) 19.10.2004 |
| G06F 1/32 | (32) 15.06.2012 | (33) United States of America |
| (11) EP3183663 | (33) United States of America | (51) G06F 17/30 |
| (21) EP15757102.7 | (51) G06F 17/11 | (11) EP2871582 |
| (47) 23.05.2018 | H02J 3/06 | (21) EP13887588.5 |
| (87) US2015045999 | (11) EP2773005 | (47) 23.05.2018 |
| 25.02.2016 | (21) EP14156701.6 | (87) CN2013082209 |
| (22) 20.08.2015 | (47) 23.05.2018 | 26.02.2015 |
| (54) LOW POWER CONNECTION DETECT METHOD AND SYSTEM FOR USB CHARGING | (22) 26.02.2014 | (22) 23.08.2013 |
| (73) Microchip Technology Incorporated | (54) Method for Optimizing a Power Flow in an Electric Power Network | (54) WEBPAGE PROCESSING METHOD AND DEVICE |
| (72) CHENAULT, Cecil G. GHOSH, Atish | (73) Mitsubishi Electric Corporation | (73) Huawei Device (Dongguan) Co., Ltd. |
| (31) 201462039705 P 201514826980 | (72) Raghunathan, Arvind U. Gopalakrishnan, Ajit Nikovski, Daniel N. | (72) GAO, Wenmei WANG, Yahui JING, Hao LV, Xiaoqiang |
| (32) 20.08.2014 | (31) 201313779206 | FAN, Shunan |
| 14.08.2015 | (32) 27.02.2013 | (51) G06F 17/30 |
| (33) United States of America United States of America | (33) United States of America | H04L 29/02 |
| (51) G06F 13/40 | (51) G06F 17/21 | G06F 7/00 |
| G06F 12/10 | G06F 17/22 | (11) EP3058690 |
| (11) EP3042297 | H04M 1/253 | (21) EP14857957.6 |
| (21) EP14752498.7 | H04M 1/725 | (47) 23.05.2018 |
| (47) 23.05.2018 | (11) EP2414969 | (87) CN2014089321 |
| (87) US2014048462 | (21) EP10718952.4 | 07.05.2015 |
| 12.03.2015 | (47) 23.05.2018 | (22) 23.10.2014 |
| (22) 28.07.2014 | (87) EP2010055832 | (54) SYSTEM AND METHOD FOR CREATING A DISTRIBUTED TRANSACTION MANAGER SUPPORTING REPEATABLE READ ISOLATION LEVEL IN A MPP DATABASE |
| (54) UNIVERSAL PCI EXPRESS PORT | 11.11.2010 | (73) Huawei Technologies Co., Ltd. |
| (73) Cisco Technology, Inc. | (22) 29.04.2010 | (72) VARAKUR, Gangavara-Prasad |
| (72) GALLES, Michael B. VINCHURE, Hemant M. | (54) COMMUNICATION SYSTEM AND METHOD FOR BROWSER-BASED PHONE NUMBER DETECTION | (31) 201314068466 |
| (31) 201314019777 201314019815 | (73) Skype | (32) 31.10.2013 |
| (32) 06.09.2013 | (72) KALMSTROM, Peter Anders | (33) United States of America |
| 06.09.2013 | CORR, Nick | (51) G06F 17/50 |
| (33) United States of America United States of America | HADE, Simon Michael | B29C 45/76 |
| (51) G06F 15/16 | (31) 0907922 | B29C 33/38 |
| H04L 12/801 | (32) 07.05.2009 | (11) EP2612266 |
| H04L 12/825 | (33) United Kingdom | (21) EP11755217.4 |
| (11) EP2791816 | (51) G06F 17/27 | (47) 23.05.2018 |
| (21) EP12858581.7 | (11) EP2286350 | (87) US2011050264 |
| (47) 23.05.2018 | (21) EP09759611.8 | 08.03.2012 |
| (87) US2012069823 | (47) 23.05.2018 | (22) 01.09.2011 |
| 20.06.2013 | (87) US2009046620 | (54) INTERACTIVE FILLING SIMULATION ON 3D INJECTION MOLDING MODELS |
| (22) 14.12.2012 | 10.12.2009 | (73) Autodesk, Inc. |
| (54) WEB SERVER CONSTRAINT SUPPORT | (22) 08.06.2009 | (72) YU, Huangang |
| (73) Netflix, Inc. | (54) SYSTEMS AND METHODS FOR AN AUTOMATED PERSONALIZED DICTIONARY GENERATOR FOR PORTABLE DEVICES | (31) 874949 |
| (72) FUNGE, John | (73) ZI Corporation of Canada, Inc. | (32) 02.09.2010 |
| WATSON, Mark | (72) GOUD, Corneil, John | (33) United States of America |
| (31) 201113328921 | WILLIAMS, Roland, Emlyn | (51) G06F 19/00 |
| (32) 16.12.2011 | TEMPLETON-STEADMAN, William, James | A63B 69/00 |
| (33) United States of America | (31) 135142 | A61B 5/0205 |
| (51) G06F 17/11 | (32) 06.06.2008 | A61B 5/0245 |
| E21B 41/00 | (33) United States of America | A61B 5/11 |
| (11) EP2817734 | (51) G06F 17/30 | A63B 71/06 |
| (21) EP13803695.9 | (11) EP1650683 | A61B 5/00 |
| (47) 23.05.2018 | (21) EP05291647.5 | A61B 5/024 |
| (87) US2013042841 | (47) 23.05.2018 | A63B 24/00 |
| 19.12.2013 | (22) 02.08.2005 | (11) EP2335563 |

- (21) EP10195134.1
(47) 23.05.2018
(22) 15.12.2010
(54) System for processing exercise-related data
(73) Polar Electro Oy
(72) Granqvist, Niclas
Kanniainen, Tapio
Karvonen, Sami
Korpela, Matti
(31) 20096365
(32) 18.12.2009
(33) Finland
-
- (51) G06F 21/00
H04L 9/08
H04L 29/06
(11) EP2628118
(21) EP11770418.9
(47) 23.05.2018
(87) EP2011067841
19.04.2012
(22) 12.10.2011
(54) EFFICIENT PROCEDURE FOR PAIRING
MEDICAL DEVICES FOR WIRELESS
COMMUNICATION WITH LIMITED
USER INTERACTION
(73) F.Hoffmann-La Roche AG
(72) NIERZWICK, Mark
PASH, Phillip E.
TENBARGE, James Duane
(31) 975455
393539 P
(32) 22.12.2010
15.10.2010
(33) United States of America
United States of America
-
- (51) G06F 21/31
H04L 29/06
(11) EP2771832
(21) EP11776709.5
(47) 23.05.2018
(87) EP2011005404
02.05.2013
(22) 26.10.2011
(54) TYPING PROFILE IDENTIFICATION
(73) TM3 Software GmbH
(72) WÖLFL, Thomas
THUMANN, Werner
-
- (51) G06F 21/32
G07C 9/00
H04L 9/32
(11) EP3249569
(21) EP17169113.2
(47) 23.05.2018
(22) 02.05.2017
(54) METHOD FOR MONITORING
INDIVIDUALS WITH SIMPLIFIED
AUTHENTICATION
(73) Safran Identity & Security
(72) TOURET, Olivier
CHASTEL, Pierre
(31) 1654634
(32) 24.05.2016
(33) France
-
- (51) G06F 21/33
H04L 29/06
H04W 12/06
H04W 88/02
(11) EP1959368
- (21) EP08010382.3
(47) 23.05.2018
(22) 23.02.2001
(54) Security link management in dynamic
networks
(73) Microsoft Technology Licensing, LLC
(72) Moore, Timothy, M.
Ayyagari, Arun
Sheth, Sachin, C.
Bahl, Pradeep
(31) 557945
694514
(32) 24.04.2000
23.10.2000
(33) United States of America
United States of America
-
- (51) G06F 21/53
H04L 29/06
H04L 12/28
(11) EP2387765
(21) EP10702348.3
(47) 23.05.2018
(87) IB2010050127
22.07.2010
(22) 13.01.2010
(54) BROWSER WITH DUAL SCRIPTING
ENGINE FOR PRIVACY PROTECTION
(73) Koninklijke Philips N.V.
(72) VERSCHOOR, Michael, P., F.
DEES, Walter
(31) 145646 P
172801 P
(32) 19.01.2009
27.04.2009
(33) United States of America
United States of America
-
- (51) G06F 21/55
H04L 29/06
G06F 21/56
(11) EP3014513
(21) EP14742037.6
(47) 23.05.2018
(87) US2014043727
31.12.2014
(22) 23.06.2014
(54) SYSTEM AND METHOD FOR
DETECTING TIME-BOMB MALWARE
(73) Fireeye Inc.
Paithane, Sushant
Vincent, Michael
Vashisht, Sai
Kindlund, Darien
(72) PAITHANE, Sushant
VINCENT, Michael
VASHISHT, Sai
KINDLUND, Darien
(31) 201313925737
(32) 24.06.2013
(33) United States of America
-
- (51) G06F 21/62
G06K 9/00
G07C 9/00
(11) EP2996063
(21) EP15183739.0
(47) 23.05.2018
(22) 03.09.2015
- (54) DISTRIBUTED IDENTITY VALIDATION
METHOD, SYSTEM AND COMPUTER
PROGRAM
(73) IDscan Biometrics Limited
(72) THOMPSON, Tamlyn
ZEIDAN, Zaher
(31) 201415938
(32) 09.09.2014
(33) United Kingdom
-
- (51) G06F 21/64
G06F 21/32
H04L 29/06
H04L 9/32
(11) EP3107029
(21) EP16174622.7
(47) 23.05.2018
(22) 15.06.2016
(54) METHOD AND DEVICE FOR
CUSTOMIZED ELECTRONICALLY
SIGNING OF A DOCUMENT, AND
COMPUTER PROGRAM PRODUCT
(73) Bundesdruckerei GmbH
Identity Trust Management AG
(72) Selhorst, Marcel
Entschew, Enrico
Bühler, Gregor
Feldmann, Jan Philipp
Brose, Ference
Krause, Philipp
(31) 102015109607
(32) 16.06.2015
(33) Germany
-
- (51) G06F 21/77
(11) EP2531949
(21) EP11701954.7
(47) 23.05.2018
(87) EP2011000451
11.08.2011
(22) 01.02.2011
(54) METHOD FOR EXECUTING AN
APPLICATION
(73) Giesecke+Devrient Mobile Security GmbH
(72) JAUERING, Matthias
HILMER, Dorothee
HOLTMANN, Ludger
TREGGER, Jörn
FLADEE, Ingeborg
(31) 102010006572
(32) 02.02.2010
(33) Germany
-
- (51) G06F 21/83
G06F 21/62
G06F 21/55
G06F 21/74
G06F 21/84
(11) EP2240879
(21) EP09707489.2
(47) 23.05.2018
(87) US2009030555
13.08.2009
(22) 09.01.2009
(54) USER INDICATOR SIGNIFYING A
SECURE MODE
(73) Microsoft Technology Licensing, LLC
(72) BHESANIA, Firdosh K.
MICHAUD, Alain
SHERMAN, Nathan C.
YAMAMOTO, Hirofumi

| | | |
|---|---|---|
| SETHI, Yashabh WRIGHT, Steve | (33) United States of America | DAHLKE, Stefan WIECHEN, Jochen |
| (31) 28297 | (51) G06K 7/10 | (31) 102008028581 |
| (32) 08.02.2008 | H01P 1/15 | (32) 12.06.2008 |
| (33) United States of America | G06K 7/00 | (33) Germany |
| (51) G06G 7/50 | (11) EP1987468 | (51) G06K 9/34 |
| E21B 49/00 | (21) EP06720803.3 | (11) EP2154632 |
| (11) EP2678803 | (47) 23.05.2018 | (21) EP09167660.1 |
| (21) EP11863473.2 | (87) US2006005441 | (47) 23.05.2018 |
| (47) 23.05.2018 | 23.08.2007 | (22) 11.08.2009 |
| (87) US2011032034 | (22) 15.02.2006 | (54) Character recognition device, program and method |
| 18.10.2012 | (54) RF SWITCHED RFID MULTIPLEXER | (73) Omron Corporation |
| (22) 12.04.2011 | (73) Tyco Fire & Security GmbH | (72) Aizawa, Tomoyoshi |
| (54) VARIABLE FIDELITY SIMULATION OF FLOW IN POROUS MEDIA | (72) SHAFER, Gary Mark | (31) 2008206722 |
| (73) Landmark Graphics Corporation | (51) G06K 9/00 | (32) 11.08.2008 |
| (72) KILLOUGH, John E. | (11) EP3104302 | (33) Japan |
| (51) G06K 7/10 | (21) EP15171210.6 | (51) G06K 13/08 |
| (11) EP2828791 | (47) 23.05.2018 | (11) EP2965264 |
| (21) EP12871635.4 | (22) 09.06.2015 | (21) EP14707774.7 |
| (47) 23.05.2018 | (54) A METHOD OF DIGITALISING ENGINEERING DOCUMENTS | (47) 23.05.2018 |
| (87) US2012030347 | (73) ABB Schweiz AG | (87) EP2014054123 |
| 26.09.2013 | (72) ARROYO, Esteban | 12.09.2014 |
| (22) 23.03.2012 | FAY, Alexander | (22) 04.03.2014 |
| (54) IMAGE READING DEVICE CAPABLE OF PRODUCING ILLUMINATION INCLUDING A CONTINUOUS, LOW-INTENSITY LEVEL ILLUMINATION COMPONENT AND ONE OR MORE PULSED, HIGH-INTENSITY LEVEL ILLUMINATION COMPONENTS | HOERNICKE, Mario | (54) ELECTRONIC DEVICE COMPRISING A CARD READER AND A COVER FOR THE CARD READER |
| (73) Optoelectronics Co., Ltd. | (51) G06K 9/00 | (73) Hirschmann Car Communication GmbH |
| Opticon Inc. | G06K 9/62 | (72) SILVA, David |
| (72) FUKUBA, Ken | G08B 21/06 | (31) 102013203650 |
| KAWASHIMA, Yasutake | (11) EP2201496 | (32) 04.03.2013 |
| (51) G06K 7/10 | (21) EP08840164.1 | (33) Germany |
| (11) EP3200119 | (47) 23.05.2018 | (51) G06K 19/07 |
| (21) EP16305096.6 | (87) IB2008002739 | (11) EP2824610 |
| (47) 23.05.2018 | 23.04.2009 | (21) EP13004723.6 |
| (22) 29.01.2016 | (22) 16.10.2008 | (47) 23.05.2018 |
| (54) RADIOFREQUENCY IDENTIFICATION DATA SYSTEM OPERATING WITHIN A TOOL CABINET | (54) INATTENTIVE STATE DETERMINATION DEVICE AND METHOD OF DETERMINING INATTENTIVE STATE | (22) 25.10.2011 |
| (73) NEOPOST TECHNOLOGIES | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA | (54) RFID tag including environmentally sensitive materials |
| (72) Venture, Guy | The University of Tokyo | (73) AVERY DENNISON CORPORATION |
| Pantalon, Jean-Baptiste | (72) NAMBA, Toshiyuki | (72) Forster, Ian, James |
| (51) G06K 7/10 | SEKIYAMA, Hiroaki | (51) G06K 19/073 |
| G06K 19/073 | OKAMOTO, Keisuke | G06K 19/077 |
| H04B 1/38 | OE, Yoshihiro | (11) EP2431926 |
| H04B 5/00 | SATO, Yoichi | (21) EP11181127.9 |
| H01Q 1/22 | SUDA, Yoshihiro | (47) 23.05.2018 |
| (11) EP2842074 | SUZUKI, Takahiro | (22) 13.09.2011 |
| (21) EP13780837.4 | YAMAGUCHI, Daisuke | (54) NFC card for handheld device |
| (47) 23.05.2018 | KUMANO, Shiro | (73) Inside Secure |
| (87) FI2013050441 | HORIGUCHI, Kenichi | (72) Cordier, Nicolas |
| 31.10.2013 | (31) 2007269455 | (31) 1003752 |
| (22) 22.04.2013 | (32) 16.10.2007 | 1003754 |
| (54) METHOD AND APPARATUS FOR FACILITATING INTERACTION BETWEEN A RADIO FREQUENCY IDENTIFICATION COMMUNICATIONS CIRCUIT AND A MOBILE TERMINAL | (33) Japan | (32) 21.09.2010 |
| (73) Nokia Technologies Oy | (51) G06K 9/32 | 21.09.2010 |
| (72) AHO, Eero | G06K 9/00 | (33) France |
| PALIN, Arto | G06F 9/44 | France |
| REUNAMÄKI, Jukka | (11) EP2289022 | (51) G06K 19/073 |
| (31) 201213453528 | (21) EP09761769.0 | G06K 19/077 |
| (32) 23.04.2012 | (47) 23.05.2018 | (11) EP3107041 |
| | (87) EP2009057247 | (21) EP15001783.8 |
| | 17.12.2009 | (47) 23.05.2018 |
| | (22) 11.06.2009 | (22) 16.06.2015 |
| | (54) METHOD AND APPARATUS FOR AUTOMATICALLY DETERMINING CONTROL ELEMENTS IN COMPUTER APPLICATIONS | (54) PORTABLE DATA CARRIER |
| | (73) SAP SE | (73) Giesecke+Devrient Mobile Security GmbH |
| | (72) URBAN, Matthias | (72) Finkenzeller, Klaus |
| | KAPOOR, Vikas | Tea, Vui Huang |
| | | (51) G06Q 10/00 |

| | | |
|--|---|---|
| G06K 7/10 | (72) GARTEN, Haim | (22) 09.09.2014 |
| H04W 4/00 | (31) 256768 P | (54) Method and system for analyzing image data |
| H04W 4/02 | (32) 30.10.2009 | (73) icoMetrix NV |
| G07C 11/00 | (33) United States of America | (72) Jain, Saurabh |
| (11) EP2946371 | (51) G06T 5/00 | Smeets, Dirk |
| (21) EP14706089.1 | G06T 7/529 | Sima, Diana |
| (47) 23.05.2018 | (11) EP3156971 | Ribbens, Annemie |
| (87) IB2014058316 | (21) EP15807220.7 | Maertens, Anke |
| 24.07.2014 | (47) 23.05.2018 | (51) G06T 7/254 |
| (22) 16.01.2014 | (87) JP2015062728 | G06K 9/00 |
| (54) A CONTROL SYSTEM FOR DETECTING THE PRESENCE OF EQUIPMENT DEVICES | 17.12.2015 | G06K 9/46 |
| (73) Iotron S.r.l. | (22) 27.04.2015 | G06K 9/52 |
| Enel Distribuzione Spa Divisione | (54) IMAGE PROCESSING SYSTEM AND COMPUTER-READABLE RECORDING MEDIUM | G06T 5/00 |
| Infrastrutture e Reti | (73) EIZO Corporation | (11) EP3200153 |
| (72) MICELOTTA, Andrea | (72) HIGASHI, Masafumi | (21) EP17152498.6 |
| COSSU, Valentina | NAKAMAE, Takashi | (47) 23.05.2018 |
| (31) GE20130005 | AOKI, Reo | (22) 20.01.2017 |
| (32) 16.01.2013 | (31) PCT/JP2014/003131 | (54) METHOD FOR DETECTING TARGETS ON THE GROUND AND IN MOTION, IN A VIDEO STREAM ACQUIRED WITH AN AIRBORNE CAMERA |
| (33) Italy | PCT/JP2015/056086 | (73) Thales |
| (51) G06T 3/40 | (32) 12.06.2014 | (72) GUERRINI, Gilles |
| (11) EP2823460 | 02.03.2015 | CAMUS, Fabien |
| (21) EP13707014.0 | (33) World Intellectual Property Office (WIPO) | RICHARD, Fabien |
| (47) 23.05.2018 | World Intellectual Property Office (WIPO) | (31) 1600125 |
| (87) EP2013054272 | (51) G06T 5/20 | (32) 26.01.2016 |
| 12.09.2013 | (11) EP1789921 | (33) France |
| (22) 04.03.2013 | (21) EP05773169.7 | (51) G06T 7/571 |
| (54) METHOD AND APPARATUS FOR PERFORMING HIERARCHICAL SUPER-RESOLUTION OF AN INPUT IMAGE | (47) 23.05.2018 | (11) EP3067860 |
| (73) Thomson Licensing DTV | (87) GB2005003261 | (21) EP16154087.7 |
| (72) TÜRKAN, Mehmet | 23.02.2006 | (47) 23.05.2018 |
| THOREAU, Dominique | (22) 19.08.2005 | (22) 03.02.2016 |
| GUILLOTTEL, Philippe | (54) IMAGE PROCESSING METHOD AND COMPUTER SOFTWARE FOR IMAGE PROCESSING | (54) HYBRID DEPTH ESTIMATION |
| (31) 12305264 | (73) Apical Limited | (73) SONY CORPORATION |
| (32) 05.03.2012 | (72) Chesnokov, Vyacheslav c/o Apical Limited | (72) Sun, Yi |
| (33) European Patent Office (EPO) | (31) 0418674 | Li, Pingshan |
| (51) G06T 5/00 | (32) 20.08.2004 | (31) 201514644932 |
| G06T 5/50 | (33) United Kingdom | (32) 11.03.2015 |
| (11) EP2787484 | (51) G06T 7/00 | (33) United States of America |
| (21) EP14163030.1 | G06F 19/00 | (51) G06T 7/70 |
| (47) 23.05.2018 | (11) EP2551822 | G06Q 30/02 |
| (22) 01.04.2014 | (21) EP12178176.9 | G09F 27/00 |
| (54) Efficient 2D adaptive noise thresholding for video processing | (47) 23.05.2018 | G06K 9/00 |
| (73) Altera Corporation | (22) 27.07.2012 | (11) EP1913555 |
| (72) Turkington, Kieron | (54) Image processing apparatus and image processing method | (21) EP06780244.7 |
| Gowri-Shankar, Vivek | (73) Canon Kabushiki Kaisha | (47) 23.05.2018 |
| (31) 201313857773 | (72) Nakano, Yuta | (87) IB2006052603 |
| 201414189534 | Iizuka, Yoshio | 08.02.2007 |
| (32) 05.04.2013 | Satoh, Kiyohide | (22) 31.07.2006 |
| 25.02.2014 | Aoyama, Gakuto | (54) APPARATUS FOR MONITORING A PERSON HAVING AN INTEREST TO AN OBJECT, AND METHOD THEREOF |
| (33) United States of America | (31) 2011167257 | (73) Philips Lighting Holding B.V. |
| United States of America | 2012139507 | (72) DECRE, Michel, M., J. |
| (51) G06T 5/00 | 2012139508 | VAN LOENEN, Evert, J. |
| G06T 7/20 | (32) 29.07.2011 | VAN DE SLUIS, Bartel, M. |
| G06T 5/50 | 21.06.2012 | (31) 05107205 |
| (11) EP2494498 | 21.06.2012 | (32) 04.08.2005 |
| (21) EP10827287.3 | (33) Japan | (33) European Patent Office (EPO) |
| (47) 23.05.2018 | Japan | (51) G06T 7/73 |
| (87) US2010030427 | Japan | G06T 7/246 |
| 05.05.2011 | (51) G06T 7/11 | (11) EP2739036 |
| (22) 08.04.2010 | G06T 7/143 | (21) EP12818138.5 |
| (54) METHOD AND APPARATUS FOR IMAGE DETECTION WITH UNDESIRE OBJECT REMOVAL | G06T 7/174 | (47) 23.05.2018 |
| (73) QUALCOMM Incorporated | (11) EP2996085 | (87) KR2012005645 |
| | (21) EP14184117.1 | 31.01.2013 |
| | (47) 23.05.2018 | (22) 16.07.2012 |

| | | |
|---|--|---|
| (54) PLANE-CHARACTERISTIC-BASED MARKERLESS AUGMENTED REALITY SYSTEM AND METHOD FOR OPERATING SAME | (22) 23.10.2003 (54) METHOD FOR CARRYING OUT A SECURE ELECTRONIC TRANSACTION USING A PORTABLE DATA SUPPORT | (11) EP1639565 (21) EP04755427.4 (47) 23.05.2018 (87) US2004019269 13.01.2005 |
| (73) Samsung Electronics Co., Ltd. | (73) Giesecke+Devrient Mobile Security GmbH | (22) 16.06.2004 |
| (72) RHEE, Seon Min KIM, Do Kyoon LEE, Yong Beom RHEE, Tae Hyun | (72) MEISTER, Gisela MARTIN, Nigel | (54) REMOTE CONTROL WITH SELECTIVE KEY ILLUMINATION |
| (31) 201161512480 P 20120075387 | (31) 10249801 (32) 24.10.2002 (33) Germany | (73) Universal Electronics, Inc. (72) DE CLERCQ, Stephan c/o Universal Electronics Inc HAYES, Patrick, H. |
| (32) 28.07.2011 11.07.2012 | (51) G07F 17/12 G06Q 10/08 | (31) 603975 (32) 25.06.2003 (33) United States of America |
| (33) United States of America Korea (Republic) | (11) EP2862149 (21) EP13732722.7 (47) 23.05.2018 | (51) G08C 17/02 G08C 19/00 G08C 23/04 H01R 13/00 |
| (51) G07B 15/06 (11) EP2811466 (21) EP14075035.7 (47) 23.05.2018 (22) 04.06.2014 | (87) US2013045075 27.12.2013 (22) 11.06.2013 (54) SYSTEM AND METHODS FOR PROVIDING USER SERVICES AT REMOTE LOCATIONS | (11) EP3046088 (21) EP16151715.6 (47) 23.05.2018 (22) 18.01.2016 |
| (54) Method and devices for error detection in a toll system | (73) Federal Express Corporation | (54) CABLE TRANSITIONS WITH MODULAR EXTENSION |
| (73) Toll Collect GmbH | (72) GIBSON, Donald, Ray, Jr. BONSER, Douglas, William GARRETT, Paul, Everett, III. LEWIS, David, Gerald, Jr. | (73) Link GmbH (72) LINK, Daniel (31) 102015000285 (32) 18.01.2015 (33) Germany |
| (72) Böhme, Nils Lohfelder, Thomas Slizewski, Zbigniew | (31) 201213526963 (32) 19.06.2012 (33) United States of America | (51) G08G 1/017 G08G 1/0967 G08G 1/16 |
| (31) 13075039 (32) 04.06.2013 (33) European Patent Office (EPO) | (51) G08B 3/10 (11) EP2609579 (21) EP10759943.3 (47) 23.05.2018 | (11) EP2722833 (21) EP13003109.9 (47) 23.05.2018 (22) 19.06.2013 |
| (51) G07C 5/08 (11) EP2943884 (21) EP13870646.0 (47) 23.05.2018 (87) US2013070958 17.07.2014 | (87) GB2010001617 01.03.2012 (22) 26.08.2010 (54) A SOUNDER FOR MOBILE APPARATUS | (54) Method for associating a transmitter to a detected object in vehicle-to-vehicle communication and in a vehicle |
| (22) 20.11.2013 (54) SERVER DETERMINED BANDWIDTH SAVING IN TRANSMISSION OF EVENTS | (73) Brigade Electronics Group Plc (72) HANSON-ABBOTT, Christopher SANDS, Kelly | (73) AUDI AG Volkswagen AG (72) Engel, Sebastian Botsch, Michael Röbler, Hendrik |
| (73) Lytx, Inc. (72) LAMBERT, Daniel BOTNEN, Joshua, Donald | (51) G08B 7/06 G01C 21/20 | (31) 102012020297 (32) 17.10.2012 (33) Germany |
| (31) 201313736842 (32) 08.01.2013 (33) United States of America | (11) EP2736027 (21) EP12194305.4 (47) 23.05.2018 (22) 26.11.2012 | (51) G08G 5/00 G01C 23/00 (11) EP2779139 (21) EP14157403.8 (47) 23.05.2018 (22) 02.03.2014 |
| (51) G07D 11/00 B65H 31/30 (11) EP1643463 (21) EP05256196.6 (47) 23.05.2018 (22) 04.10.2005 | (54) METHOD AND SYSTEM FOR EVACUATION SUPPORT | (54) Graphical representation of in-flight messages |
| (54) CURRENCY SORTER | (73) AGT International GmbH (72) Kikiras, Panayotis Leonardi, Alessandro | (73) Honeywell International Inc. (72) Dominic, Maria John Paul Judd, Thomas D. Kumar, Rakesh Mallela, Gurunadha Reddy Rajadurai, John Azariah Gohil, Saurabh Harshadhbhai Pepitone, David |
| (73) Glory Kogyo Kabushiki Kaisha (72) Sekiguchi, Junichi Yokota, Yasushi Kuroda, Akito Kawabata, Yoshifumi | (51) G08B 17/107 G08B 29/24 G08B 29/04 G01N 21/53 | (31) 201313794089 (32) 11.03.2013 (33) United States of America |
| (31) 2004291409 2005084426 (32) 04.10.2004 23.03.2005 | (11) EP2500883 (21) EP12159547.4 (47) 23.05.2018 (22) 14.03.2012 (54) High sensitivity and high false alarm immunity optical smoke detector | (51) G08C 17/02 |
| (33) Japan Japan | (73) Honeywell International Inc. (72) Barson, Michael (31) 201113048919 (32) 16.03.2011 (33) United States of America | (51) G09B 19/00 |
| (51) G07F 7/10 (11) EP1573689 (21) EP03809316.7 (47) 23.05.2018 (87) EP2003011761 06.05.2004 | (51) G08C 17/12 G06Q 10/08 (11) EP2862149 (21) EP13732722.7 (47) 23.05.2018 | |

| | | |
|--|--|--|
| A63B 69/38 | Kim, Hyung Ki | (54) SYSTEM AND METHOD FOR COLOR AND INTENSITY CALIBRATING OF A DISPLAY SYSTEM FOR PRACTICAL USAGE |
| A63B 49/00 | Na, Jeong Shan | (73) Scalable Display Technologies, Inc. |
| A63B 24/00 | Ko, Tae Jun | (72) GREEN, Paul, E. |
| (11) EP2750773 | (31) 20130158483 | SURATI, Ph. D. Rajeev J. |
| (21) EP12827395.0 | (32) 18.12.2013 | AMARATUNGA, Kevin |
| (47) 23.05.2018 | (33) Korea (Republic) | TIMONER, Samson, J. |
| (87) US2012051988 | (51) G09F 9/30 | (31) 201161497094 P |
| 07.03.2013 | G02F 1/1333 | 201213523852 |
| (22) 23.08.2012 | G06F 1/16 | (32) 15.06.2011 |
| (54) RACKET SPORT INERTIAL SENSOR MOTION TRACKING AND ANALYSIS | G09F 15/00 | 14.06.2012 |
| (73) Icuemotion LLC | G09F 19/02 | (33) United States of America |
| (72) METTLER, Berenice | H04M 1/02 | United States of America |
| (31) 201161528522 P | H04N 5/64 | (51) G09G 5/00 |
| 201213370422 | (11) EP2892045 | G09G 5/28 |
| (32) 29.08.2011 | (21) EP14187928.8 | G09G 3/36 |
| 10.02.2012 | (47) 23.05.2018 | (11) EP2579246 |
| (33) United States of America | (22) 07.10.2014 | (21) EP12008233.4 |
| United States of America | (54) Display apparatus | (47) 23.05.2018 |
| (51) G09B 29/00 | (73) LG Electronics Inc. | (22) 07.10.1999 |
| G01C 21/26 | (72) Song, Hyuncheol | (54) Mapping samples of foreground/background color image data to pixel sub-components |
| G09B 29/10 | Lee, Kyueung | (73) Microsoft Technology Licensing, LLC |
| G01C 21/36 | Choi, Inwan | (72) Hill, William |
| (11) EP2980776 | Kim, Jinsu | Duggan, Michael |
| (21) EP14785289.1 | (31) 20140000346 | Keely, Jr., Leroy B. |
| (47) 23.05.2018 | (32) 02.01.2014 | Hitchcock, Gregory C. |
| (87) JP2014056901 | (33) Korea (Republic) | Whitted, J. Turner |
| 23.10.2014 | (51) G09F 13/04 | (31) 168012 |
| (22) 14.03.2014 | F21V 7/00 | 240654 |
| (54) SYSTEM METHOD AND PROGRAM FOR SITE DISPLAY | G02B 5/02 | 414148 |
| (73) Aisin Aw Co., Ltd. | B60R 13/00 | (32) 07.10.1998 |
| (72) SEKO, Masanobu | C08F 265/06 | 29.01.1999 |
| (31) 2013085795 | C08F 279/02 | 07.10.1999 |
| (32) 16.04.2013 | C08F 279/04 | (33) United States of America |
| (33) Japan | C08L 33/04 | United States of America |
| (51) G09F 3/10 | C08L 51/00 | United States of America |
| G09F 3/02 | C08L 51/04 | (51) G09G 5/00 |
| B32B 27/06 | C08L 55/02 | H03M 1/00 |
| B32B 7/12 | F21V 3/04 | H03M 1/70 |
| B44C 3/02 | G02B 1/04 | H04L 25/03 |
| B44C 1/17 | F21Y 115/10 | (11) EP2869518 |
| C09J 177/00 | (11) EP1927098 | (21) EP14189173.9 |
| (11) EP2630639 | (21) EP06742563.7 | (47) 23.05.2018 |
| (21) EP11835031.3 | (47) 23.05.2018 | (22) 16.10.2014 |
| (47) 23.05.2018 | (87) EP2006003310 | (54) A body-biased slicer design for predictive decision feedback equalizers |
| (87) US2011056802 | 28.09.2006 | (73) Samsung Display Co., Ltd. |
| 26.04.2012 | (22) 23.03.2006 | (72) Hekmat, Mohammad |
| (22) 19.10.2011 | (54) ILLUMINATING DEVICE COMBINING A WHITE LED AND A DIFFUSING SHEET | Amirkhany, Amir |
| (54) HEAT TRANSFER LABEL FOR DECORATING A METAL CONTAINER | (73) ARKEMA FRANCE | (31) 201361898421 P |
| (73) MCC-Norwood, LLC | (72) VLOTTE, Peter | 201414340463 |
| (72) ANSARI, Saifuddin, M. | (31) 0502985 | (32) 31.10.2013 |
| YEE, Ignatius, S. | 686841 P | 24.07.2014 |
| BARNHARDT, Douglas, L. | (32) 25.03.2005 | (33) United States of America |
| WOJEWODA, Robert, J. | 02.06.2005 | United States of America |
| (31) 394843 P | (33) France | (51) G09G 5/10 |
| (32) 20.10.2010 | United States of America | G09G 3/20 |
| (33) United States of America | (51) G09G 3/00 | G06T 7/90 |
| (51) G09F 9/30 | G09G 3/20 | G01J 3/50 |
| F25D 23/02 | G06T 7/90 | H04N 9/31 |
| (11) EP2886981 | (11) EP2721383 | H04N 13/04 |
| (21) EP14184433.2 | (21) EP12728164.0 | (11) EP2685445 |
| (47) 23.05.2018 | (47) 23.05.2018 | (21) EP13175556.3 |
| (22) 11.09.2014 | (87) US2012042561 | (47) 23.05.2018 |
| (54) Display apparatus | 20.12.2012 | (22) 08.07.2013 |
| (73) Samsung Electronics Co., Ltd | (22) 15.06.2012 | (54) Display apparatus |
| (72) Kim, Seung Min | | (73) Acer Incorporated |
| | | (72) Ko, Chueh-Pin |
| | | (31) 101124640 |

| | | |
|---|--|---|
| (32) 09.07.2012 | (54) SESSION CONTEXT MODELING FOR | (54) METHOD AND TERMINAL FOR |
| (33) Taiwan, Province of China | CONVERSATIONAL UNDERSTANDING | PLAYING MEDIA |
| (51) G10D 13/00 | SYSTEMS | (73) Huawei Technologies Co., Ltd. |
| (11) EP3123464 | (73) Microsoft Technology Licensing, LLC | (72) XU, Jie |
| (21) EP15711462.0 | (72) AKBACAK, Murat | (51) G11C 7/10 |
| (47) 23.05.2018 | HAKKANI-TUR, Dilek Z. | G11C 8/06 |
| (87) EP2015055330 | TUR, Gokhan | G06F 12/06 |
| 01.10.2015 | HECK, Larry P. | H04L 25/02 |
| (22) 13.03.2015 | (31) 201414308174 | G11C 5/00 |
| (54) ACOUSTIC DRUM KIT, AND ENSEMBLE | (32) 18.06.2014 | G06F 13/16 |
| OF MUSICAL INSTRUMENTS | (33) United States of America | G06F 13/40 |
| COMPRISING SUCH AN ACOUSTIC | (51) G10L 19/008 | G11C 7/20 |
| DRUM KIT | G10L 19/02 | G11C 7/22 |
| (73) Savarez | G10L 21/02 | G11C 16/06 |
| (72) PINELLI, Dario | G10L 19/26 | (11) EP2603916 |
| (31) TA20140003 | G10L 15/30 | (21) EP11816950.7 |
| (32) 27.03.2014 | (11) EP3078022 | (47) 23.05.2018 |
| (33) Italy | (21) EP14824600.2 | (87) US2011047164 |
| (51) G10H 1/00 | (47) 23.05.2018 | 16.02.2012 |
| G10H 3/14 | (87) US2014065405 | (22) 10.08.2011 |
| (11) EP3067883 | 11.06.2015 | (54) LINE TERMINATION METHODS AND |
| (21) EP16159668.9 | (22) 13.11.2014 | APPARATUS |
| (47) 23.05.2018 | (54) MULTI-PATH AUDIO PROCESSING | (73) Micron Technology, Inc. |
| (22) 10.03.2016 | (73) Google LLC | (72) GRUNZKE, Terry |
| (54) ELECTRONIC DEVICE, METHOD FOR | (72) OOI, Leng | (31) 856000 |
| RECOGNIZING PLAYING OF STRING | EASH, Aaron Matthew | (32) 13.08.2010 |
| INSTRUMENT IN ELECTRONIC DEVICE, | REID, Dylan | (33) United States of America |
| AND METHOD FOR PROVIDING | (31) 201314095181 | (51) G11C 11/16 |
| FEEDBACK ON PLAYING OF STRING | (32) 03.12.2013 | G11C 7/06 |
| INSTRUMENT IN ELECTRONIC DEVICE | (33) United States of America | G11C 11/00 |
| (73) Samsung Electronics Co., Ltd. | (51) G10L 25/78 | (11) EP3143624 |
| (72) JEON, Dae Young | (11) EP3142112 | (21) EP15720891.9 |
| KIM, Yeon Su | (21) EP16152338.6 | (47) 23.05.2018 |
| KIM, Yeong Min | (47) 23.05.2018 | (87) US2015027794 |
| PARK, Jung Min | (22) 14.10.2010 | 19.11.2015 |
| OH, Kyung Seok | (54) METHOD AND APPARATUS FOR VOICE | (22) 27.04.2015 |
| (31) 20150034929 | ACTIVITY DETECTION | (54) HYBRID MAGNETORESISTIVE |
| (32) 13.03.2015 | (73) Huawei Technologies Co., Ltd. | READ ONLY MEMORY (MRAM) |
| (33) Korea (Republic) | (72) WANG, Zhe | CACHE MIXING SINGLE-ENDED AND |
| (51) G10H 1/34 | ZHANG, Qing | DIFFERENTIAL SENSING |
| G10H 3/12 | (31) 200910207311 | (73) Qualcomm Incorporated |
| (11) EP2752842 | (32) 15.10.2009 | (72) DONG, Xiangyu |
| (21) EP14150048.8 | (33) China | KIM, Taehyun |
| (47) 23.05.2018 | (51) G10L 25/84 | (31) 201414278055 |
| (22) 02.01.2014 | G10L 25/78 | (32) 15.05.2014 |
| (54) Electronic stringed instrument and musical | (11) EP3078027 | (33) United States of America |
| sound generation method | (21) EP14814978.4 | (51) G11C 16/34 |
| (73) Casio Computer Co., Ltd. | (47) 23.05.2018 | (11) EP2549482 |
| (72) Dejima, Tatsuya | (87) FR2014053065 | (21) EP12176826.1 |
| Nakae, Tetsuichi | 11.06.2015 | (47) 23.05.2018 |
| Iba, Akio | (22) 27.11.2014 | (22) 18.07.2012 |
| Sakai, Katsutoshi | (54) VOICE DETECTION METHOD | (54) Apparatus, system and method for |
| Watanabe, Kazuyoshi | (73) Adeunis RF | determining a configuration parameter for |
| (31) 2013001419 | (72) MAOUCHE, Karim | solid-state storage media |
| (32) 08.01.2013 | (31) 1361922 | (73) SanDisk Technologies LLC |
| (33) Japan | (32) 02.12.2013 | (72) Wood, Robert |
| (51) G10L 15/06 | (33) France | Hyun, Jea |
| G06F 17/30 | (51) G11B 27/034 | Sun, Hairong |
| G10L 15/183 | G06F 3/0488 | (31) 201113189402 |
| G10L 15/22 | G11B 27/00 | (32) 22.07.2011 |
| (11) EP3158559 | G06F 3/0484 | (33) United States of America |
| (21) EP15736702.0 | G06F 3/16 | (51) G21C 1/32 |
| (47) 23.05.2018 | (11) EP3073490 | G21C 13/02 |
| (87) US2015036116 | (21) EP14893160.3 | G21C 15/26 |
| 23.12.2015 | (47) 23.05.2018 | G21C 19/02 |
| (22) 17.06.2015 | (87) CN2014078634 | G21C 19/07 |
| | 03.12.2015 | G21C 19/19 |
| | (22) 28.05.2014 | (11) EP3115996 |

| | | |
|---|--|--|
| (21) EP16178125.7 | 12.09.2014 | (51) H01B 5/14 |
| (47) 23.05.2018 | (22) 17.12.2013 | B32B 7/02 |
| (22) 06.07.2016 | (54) METHOD AND APPARATUS FOR | G02B 1/11 |
| (54) CHIMNEY OR RISER AND LOADING/ UNLOADING METHODS FOR THE SAME IN NUCLEAR REACTORS | REFUELING A NUCLEAR REACTOR HAVING AN INSTRUMENTATION PENETRATION FLANGE | G06F 3/041 |
| (73) GE-Hitachi Nuclear Energy Americas LLC | (73) Westinghouse Electric Company Llc | (11) EP2830068 |
| (72) SPRAGUE, Robin D. DEAVER, Gerald A. RICKARD, David A. MAJOR, David L. | (72) HARKNESS, Alexander W. (31) 201313742392 (32) 16.01.2013 (33) United States of America | (21) EP13764543.8 (47) 23.05.2018 (87) JP2013058139 26.09.2013 (22) 21.03.2013 (54) TRANSPARENT CONDUCTIVE LAMINATE AND ELECTRONIC DEVICE OR MODULE |
| (31) 201514792512 | (51) G21D 1/00 | (73) LINTEC Corporation |
| (32) 06.07.2015 | C23C 24/00 | (72) HARA, Tsutomu |
| (33) United States of America | G21D 3/08 | SUZUKI, Yuuta |
| (51) G21C 3/04 | G21F 9/00 | NAGAMOTO, Koichi |
| G21C 3/07 | G21F 9/28 | (31) 2012065135 |
| G21C 3/10 | (11) EP2437270 | (32) 22.03.2012 |
| G21C 17/022 | (21) EP10780647.3 | (33) Japan |
| G21C 1/03 | (47) 23.05.2018 | (51) H01B 13/00 |
| G21C 15/28 | (87) JP2010059097 | H01B 12/06 |
| (11) EP3120361 | 02.12.2010 | (11) EP2805336 |
| (21) EP15708256.1 | (22) 28.05.2010 | (21) EP13738046.5 |
| (47) 23.05.2018 | (54) METHOD OF SUPPRESSING | (47) 23.05.2018 |
| (87) GB2015050485 | DEPOSITION OF RADIOACTIVE | (87) KR2013000369 |
| 24.09.2015 | SUBSTANCE | 25.07.2013 |
| (22) 19.02.2015 | (73) Kabushiki Kaisha Toshiba | (22) 17.01.2013 |
| (54) CHEMICAL OPTIMISATION IN A MOLTEN SALT REACTOR | (72) YAITA, Yumi FUKUMATSU, Teruki AOI, Hiromi URUMA, Yutaka | (54) SUPERCONDUCTING WIRE AND METHOD OF FORMING THE SAME |
| (73) Scott, Ian Richard | (31) 2009130724 | (73) Sunam Co., Ltd. |
| (72) Scott, Ian Richard | (32) 29.05.2009 | (72) MOON, Seung Hyun |
| (31) 201404976 | (33) Japan | LEE, Jae Hun |
| 201410659 | (51) G21F 9/04 | LEE, Hun-Ju |
| 201418030 | B01D 50/00 | (31) 20120005358 |
| (32) 20.03.2014 | G21C 9/00 | (32) 17.01.2012 |
| 15.06.2014 | G21F 9/06 | (33) Korea (Republic) |
| 12.10.2014 | G21F 9/30 | (51) H01F 1/33 |
| (33) United Kingdom | G21C 9/06 | B22F 1/00 |
| United Kingdom | B01D 33/00 | B22F 1/02 |
| United Kingdom | (11) EP2851905 | H01F 1/00 |
| (51) G21C 3/08 | (21) EP14180686.9 | H01F 1/147 |
| G21C 3/322 | (47) 23.05.2018 | H01F 1/26 |
| (11) EP2973599 | (22) 12.08.2014 | H05K 9/00 |
| (21) EP13877709.9 | (54) Systems, methods, and filters for radioactive material capture | H01F 1/20 |
| (47) 23.05.2018 | (73) GE-Hitachi Nuclear Energy Americas LLC | (11) EP2980811 |
| (87) US2013067417 | (72) Loewen, Eric P. | (21) EP14775132.5 |
| 18.09.2014 | (31) 201313966561 | (47) 23.05.2018 |
| (22) 30.10.2013 | (32) 14.08.2013 | (87) JP2014057394 |
| (54) RIB-TYPE ROUGHNESS DESIGN FOR IMPROVED HEAT TRANSFER IN PWR ROD BUNDLES | (33) United States of America | 02.10.2014 |
| (73) Westinghouse Electric Company LLC | (51) H01B 1/20 | (22) 18.03.2014 |
| (72) CARRILHO, Leo A. DZODZO, Milorad B. | C09J 9/02 | (54) COMPOSITE MAGNETIC POWDER FOR NOISE SUPPRESSING |
| (31) 201361776815 P | (11) EP2800102 | (73) Powdertech Co., Ltd. |
| 201314064531 | (21) EP14166692.5 | (72) AGA, Koji |
| (32) 12.03.2013 | (47) 23.05.2018 | IGARASHI, Tetsuya |
| 28.10.2013 | (22) 30.04.2014 | (31) 2013074513 |
| (33) United States of America | (54) Self-adhesive conductive layer | (32) 29.03.2013 |
| United States of America | (73) RISE Acreo AB | (33) Japan |
| (51) G21C 19/18 | (72) Kawahara, Jun | (51) H01F 3/10 |
| G21C 19/32 | Andersson Ersman, Peter | H01F 37/00 |
| G21C 5/10 | Gustafsson, Göran | H01F 3/14 |
| G21C 1/32 | Berggren, Magnus | (11) EP2012327 |
| G21C 19/10 | Wang, Xin | (21) EP08075580.4 |
| (11) EP2946389 | Granberg, Hjalmar | (47) 23.05.2018 |
| (21) EP13877085.4 | (31) 1350532 | (22) 26.06.2008 |
| (47) 23.05.2018 | (32) 30.04.2013 | (54) Filtering choke arrangement |
| (87) US2013075586 | (33) Sweden | (73) Vacon Oy |

| | | |
|--|--------------------------------------|---------------------------------|
| (72) Södö, Nicklas | H01F 27/02 | (54) METHOD FOR MANUFACTURING A |
| (31) 20075524 | (11) EP2549495 | PERMANENT MAGNET |
| (32) 06.07.2007 | (21) EP11005855.9 | (73) Siemens Aktiengesellschaft |
| (33) Finland | (47) 23.05.2018 | (72) BUSCHBECK, Jörg |
| (51) H01F 3/14 | (22) 18.07.2011 | DEIM, Sybille |
| H01F 3/10 | (54) Dry type transformer | SCHARRER, Martin |
| H01F 27/34 | (73) ABB Schweiz AG | (31) 102014219378 |
| (11) EP2867906 | (72) Bockholt, Marcos | (32) 25.09.2014 |
| (21) EP13818687.9 | Luckey, Michael | (33) Germany |
| (47) 23.05.2018 | Mönig, Wolfgang | (51) H01G 4/30 |
| (87) EP2013075947 | Weber, Benjamin | H01G 4/33 |
| 18.09.2014 | (51) H01F 27/28 | H01G 4/40 |
| (22) 09.12.2013 | H02M 3/335 | H01G 4/224 |
| (54) INDUCTIVE COMPONENT | H01F 19/00 | H01G 4/236 |
| (73) STS Spezial-Transformatoren-Stockach | (11) EP3062318 | H01L 49/02 |
| GmbH & Co. KG | (21) EP15187204.1 | H05K 1/16 |
| (72) GULDEN, Christof | (47) 23.05.2018 | H01G 2/10 |
| CARSTEN, Bruce | (22) 28.09.2015 | H05K 1/18 |
| HERZOG, Stefan | (54) PCB PLANAR TRANSFORMER AND | H05K 1/02 |
| STADLER, Alexander | CONVERTER USING THE SAME | H05K 3/46 |
| (31) 102013204171 | (73) Delta Electronics, Inc. | (11) EP3140839 |
| (32) 11.03.2013 | (72) SONG, Haibin | (21) EP15719383.0 |
| (33) Germany | ZHOU, Jian | (47) 23.05.2018 |
| (51) H01F 5/04 | (31) 201410637459 | (87) US2015026199 |
| H01R 24/58 | (32) 12.11.2014 | 12.11.2015 |
| G01N 35/04 | (33) China | (22) 16.04.2015 |
| H01R 12/71 | (51) H01F 37/00 | (54) EMBEDDED PACKAGE SUBSTRATE |
| (11) EP3161838 | H01F 27/06 | CAPACITOR WITH CONFIGURABLE/ |
| (21) EP15788005.5 | H01F 27/28 | CONTROLLABLE EQUIVALENT SERIES |
| (47) 23.05.2018 | H02G 3/16 | RESISTANCE |
| (87) EP2015075175 | H01F 17/04 | (73) Qualcomm Incorporated |
| 12.05.2016 | H01F 27/02 | (72) SONG, Young Kyu |
| (22) 29.10.2015 | H01F 27/30 | HWANG, Kyu-Pyung |
| (54) LABORATORY SAMPLE DISTRIBUTION | (11) EP3067904 | KIM, Dong Wook |
| SYSTEM AND LABORATORY | (21) EP15815175.3 | ZHANG, Xiaonan |
| AUTOMATION SYSTEM | (47) 23.05.2018 | LANE, Ryan David |
| (73) F. Hoffmann-La Roche AG | (87) JP2015062834 | (31) 201414272356 |
| (72) SCHNEIDER, Hans | 07.01.2016 | (32) 07.05.2014 |
| RIETHER, Christian | (22) 28.04.2015 | (33) United States of America |
| (31) 14191455 | (54) COIL ASSEMBLY, MOUNTING | (51) H01G 5/18 |
| (32) 03.11.2014 | STRUCTURE FOR COIL ASSEMBLY, | (11) EP2532017 |
| (33) European Patent Office (EPO) | AND ELECTRICAL CONNECTION BOX | (21) EP11703322.5 |
| (51) H01F 27/24 | (73) AutoNetworks Technologies, Ltd. | (47) 23.05.2018 |
| H01F 27/245 | Sumitomo Wiring Systems, Ltd. | (87) US2011022483 |
| H01F 41/02 | Sumitomo Electric Industries, Ltd. | 11.08.2011 |
| H01F 27/30 | (72) AICHI, Junya | (22) 26.01.2011 |
| H01F 3/04 | SASAKI, Yoshikazu | (54) HIGH ACCURACY MEMS-BASED |
| (11) EP2490229 | KIM, Kyungwoo | VARACTORS |
| (21) EP12154547.9 | YAMANE, Shigeki | (73) Harris Corporation |
| (47) 23.05.2018 | KOBAYASHI, Takehito | (72) ROGERS, John E. |
| (22) 08.02.2012 | KITA, Yukinori | (31) 699118 |
| (54) Transformer, amorphous transformer and | OOI, Tomohiro | (32) 03.02.2010 |
| method of manufacturing the transformer | TAKAHASHI, Toru | (33) United States of America |
| (73) Hitachi Industrial Equipment Systems Co., | (31) 2014138428 | (51) H01G 11/10 |
| Ltd. | (32) 04.07.2014 | H01G 11/76 |
| (72) Kubota, Keisuke | (33) Japan | (11) EP3032555 |
| Shiina, Yoetsu | (51) H01F 41/02 | (21) EP14834891.5 |
| SHIRAHATA, Toshiki | H01F 41/22 | (47) 23.05.2018 |
| Ono, Jyunnji | C23C 16/56 | (87) KR2014007321 |
| Hasegawa, Takaaki | B22F 3/10 | 12.02.2015 |
| (31) 2011030366 | C23C 16/06 | (22) 07.08.2014 |
| 2011140091 | (11) EP3175465 | (54) ULTRA CAPACITOR MODULE |
| (32) 16.02.2011 | (21) EP15766435.0 | (73) Ls Mtron Ltd. |
| 24.06.2011 | (47) 23.05.2018 | (72) YOO, Yong-Hyeon |
| (33) Japan | (87) EP2015071071 | LEE, Jung-Gul |
| Japan | 31.03.2016 | (31) 20130093635 |
| (51) H01F 27/28 | (22) 15.09.2015 | 20130100930 |
| H01F 27/32 | | 20140101308 |

| | | |
|--|--|--|
| 20140101312 | (22) 26.02.2015 | (72) Zeile, Ulrike |
| (32) 07.08.2013 | (54) MECHANICAL LINKAGE CIRCUIT BREAKER | Knappich, Matthias |
| 26.08.2013 | | (31) 102012001267 |
| 06.08.2014 | (73) Siemens Aktiengesellschaft | (32) 23.01.2012 |
| 06.08.2014 | (72) CHYLA, Thomas | (33) Germany |
| (33) Korea (Republic) | JIA, Yin Chuan | (51) H01J 49/00 |
| Korea (Republic) | ZHOU, Xian Yong | H01J 49/02 |
| Korea (Republic) | (31) 201410069542 | (11) EP2779206 |
| Korea (Republic) | (32) 27.02.2014 | (21) EP14157786.6 |
| (51) H01G 11/52 | (33) China | (47) 23.05.2018 |
| H01G 9/02 | (51) H01H 71/10 | (22) 05.03.2014 |
| H01M 2/16 | H01H 71/52 | (54) A method of processing image charge - current signals |
| H01M 2/14 | H01H 21/22 | (73) Shimadzu Corporation |
| H01M 2/18 | (11) EP3051566 | (72) Ding, Li |
| (11) EP2775492 | (21) EP14849068.3 | Badheka, Ranjan |
| (21) EP14156775.0 | (47) 23.05.2018 | (31) 201304491 |
| (47) 23.05.2018 | (87) CN2014086923 | (32) 13.03.2013 |
| (22) 26.02.2014 | 02.04.2015 | (33) United Kingdom |
| (54) Capacitive element including a separator including projections preventing the removal thereof | (22) 19.09.2014 | (51) H01J 49/04 |
| (73) Blue Solutions | (54) EXCHANGE OPERATING MECHANISM | G01N 30/72 |
| (72) Vigneras, Erwan | (73) Seari Electric Technology Co., Ltd. | H01J 49/26 |
| (31) 1351949 | Zhejiang Chint Electrics Co., Ltd. | H01J 49/10 |
| (32) 05.03.2013 | (72) SUN, Jisheng | (11) EP2783387 |
| (33) France | SHI, Zheng | (21) EP12851131.8 |
| (51) H01H 3/02 | PAN, Binhua | (47) 23.05.2018 |
| F24H 9/20 | (31) 201310442315 | (87) IB2012002436 |
| H01H 13/64 | (32) 24.09.2013 | 30.05.2013 |
| (11) EP3108490 | (33) China | (22) 21.11.2012 |
| (21) EP15706191.2 | (51) H01J 35/06 | (54) MASS SPECTROMETER SYSTEM WITH CURTAIN GAS FLOW |
| (47) 23.05.2018 | (11) EP2897155 | (73) DH Technologies Development Pte. Ltd. |
| (87) EP2015053193 | (21) EP12884377.8 | (72) THOMSON, Bruce |
| 27.08.2015 | (47) 23.05.2018 | GUNA, Mircea |
| (22) 16.02.2015 | (87) JP2012073340 | (31) 201161561977 P |
| (54) SAFETY SWITCH | 20.03.2014 | (32) 21.11.2011 |
| (73) Vaillant GmbH | (22) 12.09.2012 | (33) United States of America |
| (72) MAYER, André | (54) X-RAY TUBE DEVICE | (51) H01J 61/34 |
| KLOMFAS, Achim | (73) Shimadzu Corporation | H01J 61/35 |
| SCHNABL, Dennis | (72) KOBAYASHI, Takumi | (11) EP3231005 |
| SEIPP, Alexander | UKITA, Masaaki | (21) EP15804796.9 |
| TOMKIEWICZ, Antoni | (51) H01J 37/153 | (47) 23.05.2018 |
| (31) 501262014 | H01J 37/26 | (87) EP2015078658 |
| (32) 19.02.2014 | (11) EP1958231 | 16.06.2016 |
| (33) Austria | (21) EP05816963.2 | (22) 04.12.2015 |
| (51) H01H 9/22 | (47) 23.05.2018 | (54) GAS-DISCHARGE LAMP FOR A VEHICLE HEADLAMP |
| (11) EP3103128 | (87) DE2005002210 | (73) Koninklijke Philips N.V. |
| (21) EP15710890.3 | 14.06.2007 | (72) KUEPPER, Lukas |
| (47) 23.05.2018 | (22) 06.12.2005 | DOHMEN, Hans-Alo |
| (87) IB2015050774 | (54) CORRECTIVE FOR ELIMINATING THE THIRD-ORDER APERTURE ABERRATION AND THE FIRST-ORDER, FIRST-DEGREE AXIAL CHROMATIC ABERRATION | LENZEN, Thorsten Erich |
| 06.08.2015 | (73) Ceos Corrected Electron Optical Systems GmbH | (31) 14197534 |
| (22) 02.02.2015 | (72) MÜLLER, Heiko | (32) 12.12.2014 |
| (54) DOOR LOCKING DEVICE FOR HOUSEHOLD APPLIANCES | ROSE, Harald | (33) European Patent Office (EPO) |
| (73) Elettrotecnica Rold Srl | UHLEMANN, Stephan | (51) H01L 21/20 |
| (72) ROCCHITELLI, Stefano | (51) H01J 37/305 | B23P 19/00 |
| (31) MI20140152 | H01J 37/02 | (11) EP3227907 |
| (32) 03.02.2014 | (11) EP2618361 | (21) EP16705484.0 |
| (33) Italy | (21) EP13000334.6 | (47) 23.05.2018 |
| (51) H01H 33/00 | (47) 23.05.2018 | (87) EP2016053270 |
| H01H 33/02 | (22) 23.01.2013 | 24.08.2017 |
| H01H 33/52 | (54) METHOD FOR SUPPLYING A PLURALITY OF REACTIVE PROCESS GASES TO A PROCESS LOCATION OF A PARTICLE BEAM SYSTEM | (22) 16.02.2016 |
| H01H 33/666 | (73) Carl Zeiss Microscopy GmbH | (54) PROCESS TO BOND SUBSTRATES |
| (11) EP3111460 | | (73) Ev Group E. Thallner GmbH |
| (21) EP15709129.9 | | (72) KURZ, Florian |
| (47) 23.05.2018 | | WAGENLEITNER, Thomas |
| (87) EP2015054077 | | PLACH, Thomas |
| 03.09.2015 | | |

| | | |
|---|---|--------------------------------------|
| SÜSS, Jürgen Markus | (11) EP2989657 | (21) EP11876920.7 |
| (51) H01L 21/20 | (21) EP14787423.4 | (47) 23.05.2018 |
| C30B 25/18 | (47) 23.05.2018 | (87) JP2011078390 |
| C30B 25/22 | (87) US2014035554 | 13.06.2013 |
| C30B 29/16 | 30.10.2014 | (22) 08.12.2011 |
| C30B 29/40 | (22) 25.04.2014 | (54) SUBSTRATE FOR LARGE-CAPACITY |
| (11) EP3080834 | (54) WAFER CONTAINER WITH LATCHING | MODULE, AND MANUFACTURING |
| (21) EP14864943.7 | MECHANISM FOR LARGE DIAMETER | METHOD FOR SAID SUBSTRATE |
| (47) 23.05.2018 | WAFERS | (73) NGK Insulators, Ltd. |
| (87) US2014062439 | (73) Entegris, Inc. | (72) YANO Shinsuke |
| 28.05.2015 | (72) GREGERSON, Barry | HIRAI Takami |
| (22) 27.10.2014 | FULLER, Matthew, A. | NANATAKI Tsutomu |
| (54) STRESS MITIGATING AMORPHOUS | (31) 201361816576 P | YAMAGUCHI Hirofumi |
| SIO2 INTERLAYER | 201361818343 P | |
| (73) Translucent, Inc. | (32) 26.04.2013 | (51) H01L 23/40 |
| (72) DARGIS, Rytis | 01.05.2013 | H05K 7/20 |
| CLARK, Andrew | (33) United States of America | H01L 23/473 |
| ARKUN, Erdem | United States of America | (11) EP2787529 |
| (31) 201314083672 | (51) H01L 21/762 | (21) EP11876780.5 |
| (32) 19.11.2013 | H01L 27/11521 | (47) 23.05.2018 |
| (33) United States of America | H01L 21/8234 | (87) JP2011077620 |
| (51) H01L 21/20 | (11) EP2455967 | 06.06.2013 |
| H01L 29/778 | (21) EP11152112.6 | (22) 30.11.2011 |
| H01L 29/06 | (47) 23.05.2018 | (54) SEMICONDUCTOR DEVICE, AND ON- |
| H01L 29/20 | (22) 25.01.2011 | BOARD POWER CONVERSION DEVICE |
| (11) EP2317542 | (54) A method for forming a buried dielectric | (73) Mitsubishi Electric Corporation |
| (21) EP09174720.4 | layer underneath a semiconductor fin | (72) KODAMA, Katsuhisa |
| (47) 23.05.2018 | (73) IMEC VZW | (51) H01L 23/473 |
| (22) 30.10.2009 | (72) Kar, Gouri Sankar | (11) EP2559063 |
| (54) Semiconductor device and method of | Cacciato, Antonio | (21) EP11717470.6 |
| manufacturing thereof | Kim Min-Soo | (47) 23.05.2018 |
| (73) IMEC VZW | (31) 415302 P | (87) DK2011000025 |
| (72) Degroote, Stefan | (32) 18.11.2010 | 20.10.2011 |
| Cheng, Kai | (33) United States of America | (22) 08.04.2011 |
| (51) H01L 21/306 | (51) H01L 23/02 | (54) A FLOW DISTRIBUTOR |
| H01L 21/8238 | G01F 1/684 | (73) Danfoss Silicon Power GmbH |
| (11) EP2575162 | G01L 9/00 | (72) OLESEN, Klaus |
| (21) EP12185100.0 | H01L 23/08 | PAULSEN, Lars |
| (47) 23.05.2018 | H01L 23/12 | STAACK, Andre |
| (22) 19.09.2012 | H01L 29/84 | OSTERWALD, Frank |
| (54) Method for manufacturing a semiconductor | G01L 19/14 | (31) 201000307 |
| device with a step of selectively removing a | B81B 7/00 | (32) 13.04.2010 |
| layer of silicon-germanium | H01L 23/055 | (33) Denmark |
| (73) COMMISSARIAT A L'ENERGIE | H01L 23/13 | (51) H01L 27/02 |
| ATOMIQUE ET AUX ENERGIES | H01L 23/00 | (11) EP2580780 |
| ALTERNATIVES | H01L 23/498 | (21) EP11724929.2 |
| (72) Le Tiec, Yannick | (11) EP2688094 | (47) 23.05.2018 |
| Grenouillet, Laurent | (21) EP12758356.5 | (87) US2011039095 |
| Posseme, Nicolas | (47) 23.05.2018 | 15.12.2011 |
| Vinet, Maud | (87) JP2012054082 | (22) 03.06.2011 |
| (31) 1158674 | 20.09.2012 | (54) APPARATUS FOR ELECTRONIC |
| (32) 28.09.2011 | (22) 21.02.2012 | SYSTEMS RELIABILITY |
| (33) France | (54) SENSOR PACKAGE | (73) Analog Devices, Inc. |
| (51) H01L 21/3105 | (73) Omron Corporation | (72) SALCEDO, Javier, A. |
| H01L 21/311 | (72) KANAI, Akinobu | CASEY, David |
| H01L 21/768 | ADACHI, Yoshitaka | MCCORKELL, Graham |
| (11) EP2849212 | SHIMIZU, Masao | (31) 797461 |
| (21) EP13184718.8 | TANAKA, Junichi | 797463 |
| (47) 23.05.2018 | SASAKI, Sho | (32) 09.06.2010 |
| (22) 17.09.2013 | (31) 2011055972 | 09.06.2010 |
| (54) Protection of porous substrates before | (32) 14.03.2011 | (33) United States of America |
| treatment | (33) Japan | United States of America |
| (73) IMEC VZW | (51) H01L 23/14 | (51) H01L 27/14 |
| (72) Baklanov, Mikhail | H01L 25/07 | C09K 9/00 |
| (51) H01L 21/673 | H01L 25/18 | G02B 1/00 |
| B65D 85/38 | H01L 23/15 | G02F 1/00 |
| H01L 21/677 | H05K 1/03 | (11) EP2737530 |
| (11) EP2790215 | (47) 23.05.2018 | (21) EP12817312.7 |
| | | (47) 23.05.2018 |

| | | |
|---|--|---|
| (87) US2012047935 31.01.2013 | KIMURA, Hiroshi IDE, Takashi | (54) MANUFACTURE OF FERRITIC STAINLESS STEEL FOIL FOR SOLAR CELL SUBSTRATES |
| (22) 24.07.2012 | KUNIMUNE, Yorinobu | (73) JFE Steel Corporation |
| (54) ELECTROCHROMIC NANOCOMPOSITE FILMS | (31) 2014145372 (32) 15.07.2014 (33) Japan | (72) YANO, Takayoshi ISHIKAWA, Shin YAMAGUCHI, Yasuhiro ARIZONO, Tomoyuki |
| (73) The Regents of the University of California | (51) H01L 31/0216 G02B 1/11 | (31) 2013057891 (32) 21.03.2013 (33) Japan |
| (72) MILLIRON, Delia LLORDES, Anna BUONSANTI, Raffaella GARCIA, Guillermo | (11) EP2556541 (21) EP11714731.4 (47) 23.05.2018 (87) EP2011055323 13.10.2011 | (51) H01L 31/105 H01L 31/0304 (11) EP3067941 (21) EP14860034.9 (47) 23.05.2018 (87) JP2014079105 14.05.2015 |
| (31) 201161511488 P (32) 25.07.2011 (33) United States of America | (22) 06.04.2011 (54) NANOPARTICLE ANTIREFLECTION LAYER | (22) 31.10.2014 (54) INFRARED DETECTION ELEMENT (73) Hamamatsu Photonics K.K. (72) MISHIMA Asuka OSHIMURA Yoshinori |
| (51) H01L 27/146 (11) EP2768024 (21) EP14155114.3 (47) 23.05.2018 (22) 13.02.2014 (54) A pixel structure (73) CMOSIS BVBA (72) Meynants, Guy Van Wichelen, Koen | (31) 10159174 (32) 06.04.2010 (33) European Patent Office (EPO) | (31) 2013229629 (32) 05.11.2013 (33) Japan |
| (31) 201302664 (32) 15.02.2013 (33) United Kingdom | (51) H01L 31/0216 H01L 31/0687 (11) EP1969639 (21) EP06849947.4 (47) 23.05.2018 (87) US2006047462 09.08.2007 (22) 13.12.2006 (54) NOTCH FILTER FOR TRIPLE JUNCTION SOLAR CELLS | (51) H01L 31/18 H01L 31/0216 (11) EP2443669 (21) EP10747802.6 (47) 23.05.2018 (87) DE2010075045 23.12.2010 (22) 31.05.2010 (54) SEMICONDUCTOR APPARATUS AND METHOD OF FABRICATION FOR A SEMICONDUCTOR APPARATUS |
| (11) EP2784823 (21) EP14168446.4 (47) 23.05.2018 (22) 19.12.2008 (54) Semiconductor device and method for manufacturing the same | (73) The Boeing Company (72) FOSTER, Thomas, E. SNYDER, James (31) 305434 (32) 16.12.2005 (33) United States of America | (73) Hanwha Q CELLS GmbH (72) ENGELHART, Peter SEGUIN, Robert KESSELS, Wilhelmus, Mathijs, Marie DINGEMANS, Gijs |
| (73) Asahi Kasei EMD Corporation (72) Koricic, Marko Suligoj, Tomislav Mochizuki, Hidenori Morita, Soichi | (51) H01L 31/0224 H01L 31/0747 H01L 31/18 (11) EP2765615 (21) EP12875253.2 (47) 23.05.2018 (87) JP2012083291 31.10.2013 (22) 21.12.2012 (54) SOLAR CELL, SOLAR CELL MANUFACTURING METHOD, AND SOLAR CELL MODULE | (31) 102009025977 (32) 16.06.2009 (33) Germany |
| (31) 2007328783 2008092288 2008195016 (32) 20.12.2007 31.03.2008 29.07.2008 (33) Japan Japan Japan | (73) Kaneka Corporation (72) ADACHI, Daisuke YAMAMOTO, Kenji (31) 2012100355 (32) 25.04.2012 (33) Japan | (51) H01L 33/38 H01L 33/20 (11) EP2750206 (21) EP13198369.4 (47) 23.05.2018 (22) 19.12.2013 (54) Light emitting element (73) Nichia Corporation (72) Sato, Kosuke (31) 2012288664 2013220976 (32) 28.12.2012 24.10.2013 |
| (51) H01L 29/778 H01L 21/336 H01L 29/417 H01L 29/20 H01L 29/40 H01L 29/45 H01L 29/423 (11) EP2975647 (21) EP15175414.0 (47) 23.05.2018 (22) 06.07.2015 (54) SEMICONDUCTOR DEVICE (73) Renesas Electronics Corporation (72) TSUCHIYA, Hideaki | (51) H01L 31/0749 B21B 1/40 B21B 3/02 B21B 45/00 (11) EP2953170 (21) EP14767934.4 (47) 23.05.2018 (87) JP2014001519 25.09.2014 (22) 17.03.2014 | (33) Japan Japan (51) H01L 33/50 H01L 33/62 (11) EP2195863 (21) EP08787081.2 (47) 23.05.2018 (87) EP2008060506 19.03.2009 (22) 11.08.2008 |

| | | |
|--|--|---|
| (54) METHOD FOR PRODUCING AN OPTOELECTRONIC COMPONENT AND OPTOELECTRONIC COMPONENT | (51) H01L 37/02 | JUESTEL, Thomas |
| (73) Osram Opto Semiconductors Gmbh | (11) EP2622727 | (31) 08169893 |
| (72) BERBEN, Dirk | (21) EP11832932.5 | (32) 25.11.2008 |
| FIEDLER, Tim | (47) 23.05.2018 | (33) European Patent Office (EPO) |
| JERMANN, Frank | (87) US2011051377 | (51) H01L 51/52 |
| ZACHAU, Martin | 19.04.2012 | C03C 17/36 |
| (31) 102007042642 | (22) 13.09.2011 | H01L 51/56 |
| (32) 07.09.2007 | (54) METHOD AND APPARATUS FOR CONVERSION OF HEAT TO ELECTRICAL ENERGY USING POLARIZABLE MATERIALS AND AN INTERNALLY GENERATED POLING FIELD | (11) EP2652812 |
| (33) Germany | (73) The Neothermal Energy Company | (21) EP11817388.9 |
| (51) H01L 33/58 | (72) ERBIL, Ahmet | (47) 23.05.2018 |
| (11) EP3128564 | WALBERT, David, F. | (87) FR2011053047 |
| (21) EP16180803.5 | (31) 201113228051 | 21.06.2012 |
| (47) 23.05.2018 | 387760 P | (22) 19.12.2011 |
| (22) 22.07.2016 | (32) 08.09.2011 | (54) METHOD FOR MANUFACTURING AN OLED DEVICE |
| (54) LIGHTING ASSEMBLY WITH AN OPTICAL ELEMENT FOR REDUCING A COLOR OVER ANGLE VARIATION | (33) United States of America | (73) Saint-Gobain Glass France |
| (73) Philips Lighting Holding B.V. | United States of America | (72) BILAINE, Matthieu |
| (72) LUNZ, Manuela | (51) H01L 49/00 | LIENHART, Fabien |
| HIKMET, Rifat, Ata, Mustafa | H01L 29/872 | YEH, Li-Ya |
| (31) 15179474 | H01L 29/12 | ALSCHINGER, Matthias |
| (32) 03.08.2015 | H01L 29/16 | (31) 1060747 |
| (33) European Patent Office (EPO) | H01L 33/00 | (32) 17.12.2010 |
| (51) H01L 35/20 | (11) EP3100308 | (33) France |
| C01G 15/00 | (21) EP15743731.0 | (51) H01L 51/54 |
| H01L 35/34 | (47) 23.05.2018 | (11) EP2551932 |
| (11) EP2999016 | (87) US2015013915 | (21) EP12178243.7 |
| (21) EP15181919.0 | 06.08.2015 | (47) 23.05.2018 |
| (47) 23.05.2018 | (22) 30.01.2015 | (22) 27.07.2012 |
| (22) 07.07.2011 | (54) ELECTRIC FIELD CONTROL ELEMENT FOR PHONONS | (54) Host materials for phosphorescent oleds |
| (54) CLATHRATE COMPOUND, THERMOELECTRIC MATERIAL, AND METHOD FOR PRODUCING THERMOELECTRIC MATERIAL | (73) The Regents of the University of California | (73) Universal Display Corporation |
| (73) Furukawa Electric Co., Ltd. | (72) SCHEIBNER, Michael | (72) Zeng, Lichang |
| (72) KIKUCHI, Daisuke | (31) 201461934532 P | Dyatkin, Alexey B. |
| EGUCHI, Tatsuhiko | (32) 31.01.2014 | Kottas, Gregg |
| (31) 2010155353 | (33) United States of America | Xia, Chuanjun |
| 2011069475 | (51) H01L 51/50 | Li, David Z. |
| 2011069472 | C09K 11/06 | (31) 201113193173 |
| (32) 08.07.2010 | (11) EP2396801 | (32) 28.07.2011 |
| 28.03.2011 | (21) EP10741521.8 | (33) United States of America |
| 28.03.2011 | (47) 23.05.2018 | (51) H01L 51/54 |
| (33) Japan | (87) US2010000399 | B82Y 10/00 |
| Japan | 19.08.2010 | C08G 61/12 |
| Japan | (22) 12.02.2010 | C08K 3/04 |
| (51) H01L 35/34 | (54) OLED DEVICE WITH FLUORANTHENE-MACROCYCLIC MATERIALS | (11) EP2695212 |
| H01L 35/16 | (73) Global OLED Technology LLC | (21) EP12716506.6 |
| H01L 35/32 | (72) BEGLEY, William J. | (47) 23.05.2018 |
| H02N 3/00 | ANDRIEVSKY, Natasha | (87) GB2012000304 |
| (11) EP3203538 | (31) 370696 | 04.10.2012 |
| (21) EP15847256.3 | (32) 13.02.2009 | (22) 02.04.2012 |
| (47) 23.05.2018 | (33) United States of America | (54) ORGANIC LIGHT EMITTING DEVICE AND METHOD |
| (87) JP2015073213 | (51) H01L 51/52 | (73) Cambridge Display Technology Limited |
| 07.04.2016 | (11) EP2371017 | Sumitomo Chemical Company Limited |
| (22) 19.08.2015 | (21) EP09764067.6 | (72) KUGLER, Thomas, J. |
| (54) METHOD OF MANUFACTURING THERMOELECTRIC DEVICE | (47) 23.05.2018 | WILSON, Richard, J. |
| (73) DENSO CORPORATION | (87) IB2009055127 | TYLER, Sarah, M. |
| (72) TANAKA, Yasuhiro | 03.06.2010 | YAMAUCHI, Shohgo |
| SAKAIDA, Atusi | (22) 18.11.2009 | SHAKUTSUI, Masato |
| TANIGUCHI, Toshihisa | (54) SHORTS PREVENTION IN ORGANIC LIGHT-EMITTING DIODES | GODA, Tadashi |
| SHIRAISHI, Yoshihiko | (73) Koninklijke Philips N.V. | ITO, Norihito |
| (31) 2014200341 | (72) HARTMANN, Soeren | (31) 201105582 |
| (32) 30.09.2014 | BUECHEL, Michael | (32) 01.04.2011 |
| (33) Japan | | (33) United Kingdom |
| | | (51) H01L 51/54 |
| | | C07D 401/04 |
| | | C07D 401/10 |
| | | C07D 403/10 |
| | | C07F 15/00 |
| | | C09K 11/06 |

| | | |
|--------------------------------------|---|-------------------------------|
| G09F 9/30 | SEONG, Jun-Yeob | KOZINSKY, Boris |
| H01L 27/32 | YU, Sung-Chun | (31) 201361867050 P |
| C07D 401/14 | KIM, Ki-Youn | (32) 17.08.2013 |
| C07D 403/14 | (31) 20140018027 | (33) United States of America |
| C07D 471/04 | (32) 17.02.2014 | (51) H01M 2/18 |
| C07D 209/86 | (33) Korea (Republic) | H01M 4/04 |
| C07D 209/88 | (51) H01M 2/10 | H01M 2/04 |
| H05B 33/14 | H01M 2/20 | H01M 2/08 |
| H01L 51/52 | H01M 10/42 | H01M 2/02 |
| (11) EP2461390 | H01M 10/48 | (11) EP2863459 |
| (21) EP10804576.6 | (11) EP2905824 | (21) EP13803615.7 |
| (47) 23.05.2018 | (21) EP14187160.8 | (47) 23.05.2018 |
| (87) JP2010062961 | (47) 23.05.2018 | (87) JP2013066356 |
| 03.02.2011 | (22) 30.09.2014 | 19.12.2013 |
| (22) 30.07.2010 | (54) Battery pack | (22) 13.06.2013 |
| (54) ORGANIC ELECTROLUMINESCENT | (73) Samsung SDI Co., Ltd. | (54) FLAT CELL |
| ELEMENT | (72) Wang, Hanjun | (73) Maxell Holdings, Ltd. |
| (73) UDC Ireland Limited | Moon, Daeyon | (72) TSUDA, Kenji |
| (72) KITAMURA, Tetsu | Won, Heeyoun | YABUSHITA, Noriyuki |
| WATANABE, Toru | (31) 20140015641 | YAMAGUCHI, Koji |
| HAYASHI, Masayuki | (32) 11.02.2014 | YAMANO, Atsushi |
| ISE, Toshihiro | (33) Korea (Republic) | (31) 2012136079 |
| (31) 2009180222 | (51) H01M 2/10 | 2013118093 |
| 2009201157 | H01M 10/42 | (32) 15.06.2012 |
| (32) 31.07.2009 | H01M 10/46 | 04.06.2013 |
| 31.08.2009 | H01M 2/20 | (33) Japan |
| (33) Japan | (11) EP2620994 | Japan |
| Japan | (21) EP11824325.2 | (51) H01M 2/26 |
| (51) H01M 2/02 | (47) 23.05.2018 | H01M 2/22 |
| B23K 26/20 | (87) JP2011072534 | H01M 10/058 |
| H01M 2/04 | 19.04.2012 | H01M 10/0525 |
| H01M 2/20 | (22) 30.09.2011 | H01M 4/485 |
| H01M 2/30 | (54) ELECTRICITY STORAGE SYSTEM | (11) EP2779280 |
| B23K 33/00 | (73) Panasonic Intellectual Property Management | (21) EP14158046.4 |
| B23K 26/28 | Co., Ltd. | (47) 23.05.2018 |
| B23K 26/26 | (72) NAKASHIMA, Takeshi | (22) 06.03.2014 |
| B23K 15/00 | IKEBE, Hayato | (54) Battery |
| (11) EP2869357 | YAMADA, Yohei | (73) Kabushiki Kaisha Toshiba |
| (21) EP13808586.5 | (31) 2010232345 | (72) Ishii, Haruchika |
| (47) 23.05.2018 | (32) 15.10.2010 | Kashiwazaki, Eiki |
| (87) JP2013062129 | (33) Japan | Hanafusa, Souichi |
| 03.01.2014 | (51) H01M 2/14 | Toyota, Natsuki |
| (22) 24.04.2013 | H01M 2/18 | Shimizu, Toshifumi |
| (54) RECTANGULAR BATTERY | H01M 10/052 | Hara, Yasuaki |
| AND RECTANGULAR BATTERY | H01M 10/056 | Shinoda, Tatsuya |
| MANUFACTURING METHOD | H01M 4/13 | (31) 2013051748 |
| (73) Toyota Jidosha Kabushiki Kaisha | H01M 2/16 | (32) 14.03.2013 |
| (72) SUZUKI, Satoshi | H01M 4/134 | (33) Japan |
| OKADA, Toshiya | H01M 4/1395 | (51) H01M 2/34 |
| (31) 2012145124 | H01M 4/38 | H01M 2/08 |
| (32) 28.06.2012 | H01M 10/0562 | H01M 2/10 |
| (33) Japan | H01M 10/058 | H01M 2/20 |
| (51) H01M 2/02 | (11) EP3033783 | H01M 10/052 |
| H01M 2/04 | (21) EP14837369.9 | H01M 10/42 |
| H01M 2/10 | (47) 23.05.2018 | (11) EP3038190 |
| H01M 10/42 | (87) US2014051276 | (21) EP14846999.2 |
| H01M 10/48 | 26.02.2015 | (47) 23.05.2018 |
| H01M 2/34 | (22) 15.08.2014 | (87) KR2014008736 |
| (11) EP3091591 | (54) LI-METAL BATTERY WITH | 02.04.2015 |
| (21) EP15749337.0 | MICROSTRUCTURED SOLID | (22) 19.09.2014 |
| (47) 23.05.2018 | ELECTROLYTE | (54) SECONDARY BATTERY PACK |
| (87) KR2015001257 | (73) Robert Bosch GmbH | COMPRISING BATTERY CELLS |
| 20.08.2015 | (72) CHRISTENSEN, John F. | MOUNTED ON CARTRIDGE FRAME |
| (22) 06.02.2015 | LOHMANN, Timm | (73) LG Chem, Ltd. |
| (54) BATTERY PACK | JOHNSTON, Christina | (72) KIM, Han Chul |
| (73) LG Chem, Ltd. | STEWART, Sarah | LEE, Dong Cheol |
| (72) EOM, Young-Sop | ALBERTUS, Paul | (31) 20130116218 |
| KANG, Dal-Mo | KOJIC, Aleksander | (32) 30.09.2013 |

| | | |
|-------------------------------------|----------------------------------|---|
| (33) Korea (Republic) | (31) 201530580 | (11) EP2822068 |
| (51) H01M 4/06 | (32) 29.04.2015 | (21) EP12869855.2 |
| H01M 4/24 | (33) Spain | (47) 23.05.2018 |
| H01M 4/42 | (51) H01M 4/58 | (87) JP2012072734 |
| H01M 4/62 | H01M 4/36 | 06.09.2013 |
| H01M 2/02 | H01M 4/62 | (22) 06.09.2012 |
| H01M 4/48 | H01M 10/0525 | (54) ALUMINUM FOIL FOR COLLECTORS |
| H01M 4/58 | H01M 4/1397 | AND METHOD FOR PRODUCING SAME |
| H01M 4/90 | H01M 4/60 | (73) UACJ Corporation |
| H01M 6/04 | H01M 4/136 | (72) MOTOI ,Tetsuya |
| H01M 12/06 | (11) EP2503626 | FUNATO, Yasushi |
| (11) EP2687622 | (21) EP10831415.4 | (31) 2012041494 |
| (21) EP12176884.0 | (47) 23.05.2018 | (32) 28.02.2012 |
| (47) 23.05.2018 | (87) JP2010068379 | (33) Japan |
| (22) 18.07.2012 | 26.05.2011 | (51) H01M 4/70 |
| (54) ZINC CELLS WITH IMPROVED ANODE | (22) 19.10.2010 | H01M 10/0567 |
| COMPOSITION | (54) POSITIVE-ELECTRODE MATERIAL | H01M 10/0587 |
| (73) VARTA Microbattery GmbH | FOR A LITHIUM ION SECONDARY | H01M 10/0525 |
| (72) Csrenko, Cornelia | BATTERY, AND MANUFACTURING | H01M 10/04 |
| Kreidler, Bernd | METHOD THEREFOR | (11) EP3195387 |
| Kohls, Ulrich | (73) Denka Company Limited | (21) EP15787276.3 |
| Löffelmann, Hermann | Sei Corporation | (47) 23.05.2018 |
| Rupp, Andreas | (72) KAWASAKI Takashi | (87) IB2015001392 |
| (51) H01M 4/131 | SAKASHITA Hiroshi | 24.03.2016 |
| H01M 4/36 | SAWAI Takehiko | (22) 18.08.2015 |
| H01M 4/505 | SAITO Shinji | (54) NONAQUEOUS ELECTROLYTE |
| H01M 4/525 | (31) 2009263035 | SECONDARY BATTERY AND METHOD |
| H01M 4/58 | (32) 18.11.2009 | OF MANUFACTURING THE SAME |
| H01M 10/052 | (33) Japan | (73) TOYOTA JIDOSHA KABUSHIKI KAISHA |
| (11) EP2613384 | (51) H01M 4/62 | (72) HANAZAKI, Ryo |
| (21) EP11822089.6 | H01M 4/48 | (31) 2014189463 |
| (47) 23.05.2018 | H01M 4/139 | (32) 17.09.2014 |
| (87) KR2011006348 | H01M 2/16 | (33) Japan |
| 08.03.2012 | H01M 10/052 | (51) H01M 4/90 |
| (22) 27.08.2011 | (11) EP3188291 | B01J 23/46 |
| (54) CATHODE ACTIVE MATERIAL FOR | (21) EP15835195.7 | B01J 23/62 |
| SECONDARY BATTERY | (47) 23.05.2018 | B01J 37/18 |
| (73) LG Chem, Ltd. | (87) KR2015008914 | B82Y 30/00 |
| (72) CHANG, Sung Kyun | 03.03.2016 | H01M 8/10 |
| JEON, Hyelim | (22) 26.08.2015 | H01M 4/92 |
| PARK, Cheol-Hee | (54) SURFACE-COATED POSITIVE | B01J 37/08 |
| PARK, Hong-Kyu | ELECTRODE ACTIVE MATERIAL, | B01J 35/00 |
| PARK, Soo Min | METHOD FOR PREPARING SAME, | B01J 23/42 |
| LEE, Ji Eun | AND LITHIUM SECONDARY BATTERY | (11) EP2690692 |
| (31) 20100085252 | COMPRISING SAME | (21) EP12764072.0 |
| (32) 01.09.2010 | (73) LG Chem, Ltd. | (47) 23.05.2018 |
| (33) Korea (Republic) | (72) JANG, Wook | (87) JP2012057109 |
| (51) H01M 4/46 | CHO, Seung Beom | 04.10.2012 |
| H01M 4/50 | KWAK, Ick Soon | (22) 21.03.2012 |
| H01M 6/04 | AHN, Jun Seong | (54) FUEL CELL ANODE CATALYST |
| B64C 39/02 | (31) 20140111503 | AND MANUFACTURING METHOD |
| H01M 6/02 | 20150117753 | THEREFOR |
| H01M 4/06 | (32) 26.08.2014 | (73) National University Corporation Hokkaido |
| H01M 4/36 | 21.08.2015 | University |
| H01M 4/62 | (33) Korea (Republic) | (72) TAKEGUCHI, Tatsuya |
| H01M 4/02 | Korea (Republic) | ASAKURA, Kiyotaka |
| (11) EP3089244 | (51) H01M 4/66 | (31) 2011068296 |
| (21) EP16166830.6 | H01G 11/66 | (32) 25.03.2011 |
| (47) 23.05.2018 | H01M 4/64 | (33) Japan |
| (22) 25.04.2016 | B21B 27/00 | (51) H01M 8/0273 |
| (54) ALUMINIUM-MANGANESE OXIDE | B21B 27/10 | H01M 8/0297 |
| ELECTROCHEMICAL CELL | H01G 11/68 | H01M 8/242 |
| (73) Albufera Energy Storage, S.L. | H01M 4/131 | H01M 8/18 |
| (72) RODRÍGUEZ SOLER, Paloma | H01M 4/62 | H01M 8/2455 |
| CHACÓN GUADALIX, Joaquín José | H01M 4/70 | (11) EP2693548 |
| FATAS LAHOZ, Enrique | B21B 1/22 | (21) EP12765610.6 |
| OCÓN ESTEBAN, Pilar | H01M 4/13 | (47) 23.05.2018 |
| PINO MARTÍNEZ, Mikel | B21B 3/00 | (87) JP2012058537 |

| | | |
|--|---|---|
| 04.10.2012 | H01M 4/02 | (33) Germany |
| (22) 30.03.2012 | H01M 4/66 | (51) H01M 10/0525 |
| (54) BATTERY SEALING STRUCTURE, CELL FRAME FOR REDOX FLOW BATTERY, CELL STACK FOR REDOX FLOW BATTERY, AND REDOX FLOW BATTERY | H01M 4/14 H01M 10/0525 (11) EP2866276 (21) EP14200182.5 (47) 23.05.2018 | H01M 4/505 H01M 4/525 H01M 4/133 H01M 4/131 H01M 4/1393 |
| (73) Sumitomo Electric Industries, Ltd. | (22) 16.04.2012 | H01M 4/02 |
| (72) NAKAISHI, Hiroyuki | (54) Bipolar battery assembly | (11) EP2355225 |
| TSUTSUI, Yasumitsu | (73) Advanced Battery Concepts, LLC | (21) EP11152513.5 |
| (31) 2011077017 | (72) Hobday, Donald | (47) 23.05.2018 |
| 2012057244 | Shaffer II, Edward O. | (22) 28.01.2011 |
| (32) 31.03.2011 | (31) 201161550657 P | (54) Secondary particle and lithium battery including secondary particle |
| 14.03.2012 | (32) 24.10.2011 | (73) Samsung SDI Co., Ltd. |
| (33) Japan | (33) United States of America | (72) Lee, So-Ra |
| Japan | (51) H01M 10/04 | Kim, Jae-Myung |
| (51) H01M 8/0612 | H01M 10/28 | Joo, Kyu-Nam |
| H01M 8/0662 | H01M 10/0525 | Kim, Tae-Sik |
| (11) EP3147981 | H01M 10/0587 | Lee, Jong-Hee |
| (21) EP16186502.7 | H01M 10/12 | Do, Sean |
| (47) 23.05.2018 | (11) EP2273601 | Kim, Young-Su |
| (22) 31.08.2016 | (21) EP10251224.1 | Kim, Beom-Kwon |
| (54) FUELL CELL SYSTEM | (47) 23.05.2018 | Kim, Deok-Hyun |
| (73) AISIN SEIKI KABUSHIKI KAISHA | (22) 08.07.2010 | Chung, Gu-Hyun |
| (72) HIGO, Takayuki | (54) Secondary battery and production method thereof | Shin, Chang-Su |
| IWAMI, Jun | (73) Samsung SDI Co., Ltd. | Yu, Yong-Mi |
| MIDO, Toshiya | (72) Kim, Daekyu | (31) 20100012020 |
| (31) 2015188252 | (31) 223857 P | (32) 09.02.2010 |
| (32) 25.09.2015 | 554504 | (33) Korea (Republic) |
| (33) Japan | 241768 P | (51) H01M 10/0585 |
| (51) H01M 8/18 | 09252730 | H01M 10/04 |
| (11) EP3032629 | 09252737 | H01M 4/13 |
| (21) EP14833875.9 | 626157 | H01M 2/16 |
| (47) 23.05.2018 | 20100047292 | H01M 2/18 |
| (87) JP2014070424 | (32) 08.07.2009 | H01M 4/74 |
| 12.02.2015 | 04.09.2009 | H01M 10/052 |
| (22) 04.08.2014 | 11.09.2009 | H01M 4/02 |
| (54) REDOX FLOW BATTERY | 04.12.2009 | H01M 10/0565 |
| (73) Sumitomo Electric Industries, Ltd. | 04.12.2009 | (11) EP2905838 |
| (72) KAKU, Hirokazu | 25.11.2009 | (21) EP14847498.4 |
| DONG, Yongrong | 20.05.2010 | (47) 23.05.2018 |
| HANAFUSA, Kei | (33) United States of America | (87) KR2014008682 |
| SEKINE, Ryojun | United States of America | 02.04.2015 |
| (31) 2013164543 | United States of America | (22) 18.09.2014 |
| (32) 07.08.2013 | United States of America | (54) METHODS OF PREPARING ELECTRODE ASSEMBLY AND SECONDARY BATTERY |
| (33) Japan | European Patent Office (EPO) | (73) LG Chem, Ltd. |
| (51) H01M 8/18 | European Patent Office (EPO) | (72) YANG, Young Joo |
| H01M 10/38 | United States of America | MIN, Ki Hong |
| H01M 8/04186 | Korea (Republic) | AHN, Chang Bum |
| (11) EP2715841 | (51) H01M 10/052 | (31) 20130114247 |
| (21) EP12792876.0 | H01M 10/0525 | 20140108814 |
| (47) 23.05.2018 | H01M 10/0567 | (32) 26.09.2013 |
| (87) US2012040429 | H01M 14/00 | 21.08.2014 |
| 06.12.2012 | (11) EP2740178 | (33) Korea (Republic) |
| (22) 01.06.2012 | (21) EP12743167.4 | Korea (Republic) |
| (54) IRON BASED FLOW BATTERIES | (47) 23.05.2018 | (51) H01M 10/44 |
| (73) Case Western Reserve University | (87) EP2012065142 | G01R 31/36 |
| (72) SAVINELL, Robert, F. | 07.02.2013 | H01M 10/48 |
| WAINRIGHT, Jesse, S. | (22) 02.08.2012 | H01M 10/617 |
| (31) 201161491973 P | (54) ELECTROLYTE FOR LITHIUM-BASED ENERGY STORES | H01M 10/633 |
| (32) 01.06.2011 | (73) Westfälische Wilhelms-Universität Münster | H02J 7/04 |
| (33) United States of America | (72) KRÄMER, Elisabeth | H02J 7/00 |
| (51) H01M 10/04 | SCHMITZ, René | (11) EP2871703 |
| H01M 10/18 | PASSERINI, Stefano | (21) EP14191791.4 |
| H01M 10/28 | WINTER, Martin | (47) 23.05.2018 |
| H01M 6/48 | (31) 102011052383 | |
| H01M 2/34 | (32) 03.08.2011 | |
| H01M 10/14 | | |

| | | |
|---|--|---|
| (22) 05.11.2014 | (11) EP2507865 | Dussopt, Laurent |
| (54) Method and system for battery thermal management | (21) EP10787421.6 | Reig, Bruno |
| (73) The Boeing Company | (47) 23.05.2018 | (31) 1557207 |
| (72) Gao, Lijun | (87) EP2010068808 | (32) 28.07.2015 |
| Liu, Shengyi | 09.06.2011 | (33) France |
| Roe, George M. | (22) 03.12.2010 | (51) H01Q 3/24 |
| (31) 201314073694 | (54) COMPACT PLANAR VHF/UHF POWER IMPEDANCE | H01Q 13/08 |
| (32) 06.11.2013 | (73) Thales | H01Q 21/00 |
| (33) United States of America | (72) BERTRAM, Pierre | H01Q 21/06 |
| (51) H01M 10/44 | (31) 0905875 | (11) EP3158608 |
| H01M 10/42 | (32) 04.12.2009 | (21) EP15787055.1 |
| B60L 3/00 | (33) France | (47) 23.05.2018 |
| B60L 11/18 | (51) H01Q 1/24 | (87) US2015025538 |
| B60K 1/04 | H01Q 1/38 | 23.12.2015 |
| H01M 2/20 | H01Q 9/42 | (22) 13.04.2015 |
| (11) EP3044027 | H01Q 21/28 | (54) ACTIVE ELECTRONICALLY SCANNED ARRAY ANTENNA |
| (21) EP14761666.8 | H01Q 5/00 | (73) Raytheon Company |
| (47) 23.05.2018 | (11) EP2495806 | (72) CROCKETT JR., John A. |
| (87) EP2014069318 | (21) EP12157740.7 | FRANCEL, David W. |
| 19.03.2015 | (47) 23.05.2018 | BERKES, Amanda N. |
| (22) 10.09.2014 | (22) 01.03.2012 | (31) 201414309339 |
| (54) METHODS AND SYSTEMS FOR DELIVERING ELECTRIC ENERGY | (54) Multi-element antenna structure with wrapped substrate | (32) 19.06.2014 |
| (73) Tanktwo OY | (73) Apple Inc. | (33) United States of America |
| (72) HOLTAPPELS, Bert | (72) Ayala Vazquez, Enrique | (51) H01Q 7/00 |
| TUOMOLA, Juha | Li, Qingxiang | H01Q 1/38 |
| RISSANEN, Timo | Schlub, Robert W. | H01Q 1/24 |
| (31) 201316294 | Uttermann, Erik A. | H01Q 9/42 |
| 201316293 | Yarga, Salih | H01Q 1/27 |
| 201316292 | (31) 201113038300 | (11) EP2824763 |
| 201400648 | (32) 01.03.2011 | (21) EP12870490.5 |
| (32) 13.09.2013 | (33) United States of America | (47) 23.05.2018 |
| 13.09.2013 | (51) H01Q 1/24 | (87) JP2012082197 |
| 13.09.2013 | H03H 7/46 | 12.09.2013 |
| 15.01.2014 | H01P 1/213 | (22) 12.12.2012 |
| (33) United Kingdom | (11) EP2777092 | (54) RING ANTENNA |
| United Kingdom | (21) EP12798343.5 | (73) Nippon Antena Kabushiki Kaisha |
| United Kingdom | (47) 23.05.2018 | Seiko Epson Corporation |
| United Kingdom | (87) GB2012052752 | (72) MAMURO, Akio |
| (51) H01M 10/6554 | 16.05.2013 | FUJISAWA, Teruhiko |
| H01M 10/625 | (22) 05.11.2012 | (31) 2012048199 |
| H01M 10/613 | (54) COMBINING APPARATUS FOR USE IN SIGNAL TRANSMITTING AND/OR RECEIVING APPARATUS | (32) 05.03.2012 |
| H01M 2/10 | (73) Radio Design Limited | (33) Japan |
| (11) EP3178123 | (72) SLEIGH, Philip | (51) H01Q 9/04 |
| (21) EP15745184.0 | GOSTLING, Martin | H01Q 1/24 |
| (47) 23.05.2018 | (31) 201119191 | H01Q 21/06 |
| (87) EP2015067450 | (32) 07.11.2011 | H01Q 21/24 |
| 11.02.2016 | (33) United Kingdom | H01Q 5/40 |
| (22) 30.07.2015 | (51) H01Q 1/38 | H01Q 19/10 |
| (54) FRAME DEVICE FOR ACCOMMODATING STORAGE CELLS OF AN ENERGY STORAGE MODULE | H01Q 1/48 | H01Q 5/22 |
| (73) Robert Bosch GmbH | H01Q 9/04 | (11) EP3014705 |
| (72) KOHLBERGER, Markus | H01Q 1/22 | (21) EP14834441.9 |
| SCHUETZ, Jonas | H01Q 3/46 | (47) 23.05.2018 |
| LANGE, Ulrich | H01Q 21/00 | (87) CN2014083514 |
| JOERG, Nicolai | H01Q 23/00 | 12.02.2015 |
| KRASNIQI, Kushtrim | (11) EP3125362 | (22) 01.08.2014 |
| SCHWEINBENZ, Jochen | (21) EP16181407.4 | (54) BROADBAND LOW-BEAM-COUPLING DUAL-BEAM PHASED ARRAY |
| PACZKOWSKI, Lukasz | (47) 23.05.2018 | (73) Huawei Technologies Co., Ltd. |
| LIEPOLD, Dirk | (22) 27.07.2016 | (72) FOO, Senglee |
| BENZ, Steffen | (54) ELEMENTARY CELL OF A TRANSMITTER NETWORK FOR A RECONFIGURABLE ANTENNA | (31) 201361863203 P |
| (31) 102014215543 | (73) Commissariat à l'Energie Atomique et aux Energies Alternatives | 201314041754 |
| (32) 06.08.2014 | (72) Clemente, Antonio | (32) 07.08.2013 |
| (33) Germany | | 30.09.2013 |
| (51) H01P 5/02 | | (33) United States of America |
| H03H 7/42 | | United States of America |
| | | (51) H01R 4/34 |
| | | H01R 13/52 |

| | | |
|---|---|---|
| H05K 5/00 | GILHAM, Andrew | PLA-JUNCA, Pere |
| H01R 13/648 | (31) 201402360 | BALSELLS, Peter J. |
| (11) EP2634863 | (32) 11.02.2014 | DAWSON, Richard |
| (21) EP13150150.4 | (33) United Kingdom | (31) 201261732167 P |
| (47) 23.05.2018 | (51) H01R 12/72 | (32) 30.11.2012 |
| (22) 03.01.2013 | H01R 13/6594 | (33) United States of America |
| (54) Low resistance pathway comprising a sealing feature and a fastener | H01R 12/75 | (51) H01R 13/422 |
| (73) Hamilton Sundstrand Corporation | H01R 13/506 | H01R 13/436 |
| (72) Berry, Nathan A. | H01R 24/50 | H01R 13/50 |
| Finke, Aaron M. | (11) EP2955791 | (11) EP2700129 |
| Carter, Eric A. | (21) EP15171634.7 | (21) EP12712673.8 |
| (31) 201213408081 | (47) 23.05.2018 | (47) 23.05.2018 |
| (32) 29.02.2012 | (22) 11.06.2015 | (87) EP2012056441 |
| (33) United States of America | (54) CONNECTOR FOR BEING MOUNTED ON THE EDGE OF A PCB, HAVING A REAR BACK METAL PORTION , WHICH CORRECTS THE CENTRE OF MASS | (26.10.2012 |
| (51) H01R 4/48 | (73) Mitsumi Electric Co., Ltd. | (22) 10.04.2012 |
| (11) EP1780831 | (72) Suga, Jotaro | (54) CONNECTOR ELEMENT HAVING SECOND CONTACT SECURING MEANS |
| (21) EP06121235.3 | Aoki, Satoshi | (73) TE Connectivity Germany GmbH |
| (47) 23.05.2018 | Asano, Shinichi | (72) MUMPER, Guenther |
| (22) 26.09.2006 | Takagi, Soichi | ROTH, Konrad, Helmut |
| (54) Device for connecting conductors | (31) 2014122688 | (31) 102011002135 |
| (73) Weidmüller Interface GmbH & Co. KG | (32) 13.06.2014 | (32) 18.04.2011 |
| (72) Holterhoff, Klaus | (33) Japan | (33) Germany |
| Hanning, Walter | (51) H01R 12/73 | (51) H01R 13/46 |
| Oesterhaus, Jens | (11) EP2869404 | H01R 43/00 |
| Salomon, Thomas | (21) EP14191133.9 | H01R 43/20 |
| (31) 202006009460 U | (47) 23.05.2018 | H01R 13/516 |
| 202005016990 U | (22) 30.10.2014 | H01R 13/639 |
| (32) 16.06.2006 | (54) Connector | B60L 11/18 |
| 29.10.2005 | (73) Sensata Technologies, Inc. | H01R 13/506 |
| (33) Germany | (72) Takahashi, Hideyuki | (11) EP2905845 |
| Germany | (31) 2013227985 | (21) EP13843148.1 |
| (51) H01R 4/48 | (32) 01.11.2013 | (47) 23.05.2018 |
| H01R 9/24 | (33) Japan | (87) JP2013077090 |
| (11) EP3038212 | (51) H01R 13/11 | 10.04.2014 |
| (21) EP15199608.9 | H01R 13/415 | (22) 04.10.2013 |
| (47) 23.05.2018 | H01R 13/187 | (54) CHARGING CONNECTOR |
| (22) 11.12.2015 | H01R 13/24 | (73) Yazaki Corporation |
| (54) CONNECTION TERMINAL | H01R 13/193 | (72) FUKUSHIMA, Hirotaka |
| (73) Wago Verwaltungsgesellschaft mbH | H01R 101/00 | OKUDA, Satoshi |
| (72) Köllmann, Hans-Josef | (11) EP3047542 | SAWADA, Tsutomu |
| (31) 102014119420 | (21) EP14766341.3 | (31) 2012222936 |
| (32) 22.12.2014 | (47) 23.05.2018 | (32) 05.10.2012 |
| (33) Germany | (87) US2014053983 | (33) Japan |
| (51) H01R 9/26 | 26.03.2015 | (51) H01R 13/50 |
| (11) EP2916390 | (22) 04.09.2014 | H01R 13/436 |
| (21) EP15157830.9 | (54) POWER TERMINAL CONNECTOR | (11) EP3021423 |
| (47) 23.05.2018 | (73) TE Connectivity Corporation | (21) EP15193263.9 |
| (22) 05.03.2015 | (72) ZHAO, Weiping | (47) 23.05.2018 |
| (54) TERMINAL BLOCK | SIMPSON, Douglas Scott | (22) 05.11.2015 |
| (73) Wago Verwaltungsgesellschaft mbH | (31) 201314031933 | (54) ELECTRICAL CONNECTOR |
| (72) Niemann, Burkhard | (32) 19.09.2013 | (73) TE Connectivity Corporation |
| (31) 102014103059 | (33) United States of America | (72) Shuey, John Raymond |
| (32) 07.03.2014 | (51) H01R 13/187 | Martin, Galen M. |
| (33) Germany | (11) EP2926416 | (31) 201414540438 |
| (51) H01R 11/24 | (21) EP13858108.7 | (32) 13.11.2014 |
| G01R 1/067 | (47) 23.05.2018 | (33) United States of America |
| H01R 13/02 | (87) US2013072689 | (51) H01R 13/50 |
| (11) EP3105823 | 05.06.2014 | H01R 13/436 |
| (21) EP15705052.7 | (22) 02.12.2013 | H01R 13/506 |
| (47) 23.05.2018 | (54) SPRING CONNECTORS WITH ADJUSTABLE GROOVES AND RELATED METHODS | H01R 13/193 |
| (87) GB2015050360 | (73) Bal Seal Engineering, Inc. | (11) EP2846417 |
| 20.08.2015 | (72) FREDERICK, Jeff | (21) EP14190266.8 |
| (22) 10.02.2015 | CHANGSRIVONG, Derek | (47) 23.05.2018 |
| (54) ELECTRICAL CONNECTION APPARATUS | | (22) 10.12.2013 |
| (73) Megger Instruments Limited | | (54) Electric connector and terminal used therefor |
| (72) ADAMS, Eddie | | (73) DAI-ICHI SEIKO CO., LTD. |
| | | (72) Endo, Takayoshi |

| | | |
|--|-------------------------------------|--|
| Yagi, Sakai | (21) EP16164415.8 | (47) 23.05.2018 |
| Senmyou, Masaru | (47) 23.05.2018 | (87) US2012047587 |
| (31) 2012272333 | (22) 08.04.2016 | 23.01.2014 |
| (32) 13.12.2012 | (54) ELECTRICAL CONNECTOR SYSTEM | (22) 20.07.2012 |
| (33) Japan | WITH CONNECTOR POSITION | (54) CONNECTOR SYSTEM FOR |
| (51) H01R 13/518 | ASSURANCE | PROTECTING A CONNECTION FROM |
| H01R 13/514 | (73) TE Connectivity Corporation | CONTAMINANTS AND METHOD |
| H01R 12/72 | (72) Roman, Jr. Paul David | THEREOF |
| (11) EP3054537 | (31) 201514687239 | (73) Acist Medical Systems, Inc. |
| (21) EP15305177.6 | (32) 15.04.2015 | (72) RUSSELL, John |
| (47) 23.05.2018 | (33) United States of America | (51) H01S 3/03 |
| (22) 06.02.2015 | (51) H01R 13/6587 | H01S 3/04 |
| (54) Electronic module and its assembling method | H01R 13/6471 | (11) EP2214271 |
| (73) Connecteurs Electriques Deutsch | H01R 13/514 | (21) EP10380016.5 |
| TE Connectivity Corporation | H01R 12/58 | (47) 23.05.2018 |
| (72) Houvenaghel, Fabien | H01R 12/72 | (22) 29.01.2010 |
| Grab, Benjamin Michael | H01R 12/71 | (54) Laser apparatus |
| Duval, Frederic | (11) EP2476165 | (73) Macsa ID, S.A. |
| Corriou, Thierry | (21) EP10773231.5 | (72) Camps Claramunt, Joan |
| (51) H01R 13/52 | (47) 23.05.2018 | Bravo Montero, Francesc |
| H01R 13/44 | (87) DE2010001055 | Vogler, Sven Alexander |
| H02G 3/16 | 17.03.2011 | Boira Plans, Valenti |
| H01R 12/58 | (22) 08.09.2010 | (31) 200900335 |
| (11) EP3131160 | (54) PLUG-IN CONNECTION HAVING | (32) 02.02.2009 |
| (21) EP15777559.4 | SHIELDING | (33) Spain |
| (47) 23.05.2018 | (73) ERNI Production GmbH & Co. KG. | (51) H01S 3/067 |
| (87) JP2015058712 | (72) LAPPÖHN, Jürgen | (11) EP2630706 |
| 15.10.2015 | (31) 102009040487 | (21) EP11796200.1 |
| (22) 23.03.2015 | (32) 08.09.2009 | (47) 23.05.2018 |
| (54) TERMINAL-EQUIPPED CIRCUIT BOARD | (33) Germany | (87) US2011039706 |
| (73) AutoNetworks Technologies, Ltd. | (51) H01R 13/6599 | 22.12.2011 |
| Sumitomo Wiring Systems, Ltd. | H01R 24/42 | (22) 09.06.2011 |
| Sumitomo Electric Industries, Ltd. | (11) EP3249760 | (54) FIBER LASER SYSTEM CONFIGURED |
| (72) KAMI, Yoshitaka | (21) EP16171081.9 | TO CONTROLLABY ALIGN BEAM |
| SAKAI, Tatsurou | (47) 23.05.2018 | (73) IPG Photonics Corporation |
| HACHIYA, Yoshikazu | (22) 24.05.2016 | (72) GAPONTSEV, Valentin |
| NAGAI, Mamoru | (54) ADAPTER MODULE FOR GENERATING | FOMIN, Valentin |
| IWATA, Makoto | A PASSIVE INTERMODULATION | (31) 814603 |
| SHI, Wenjie | (73) Deutsche Telekom AG | (32) 14.06.2010 |
| (31) 2014082254 | (72) Schüle, Dominik | (33) United States of America |
| (32) 11.04.2014 | Klinger, Jens | (51) H01S 3/094 |
| (33) Japan | Treff, Stefan | H01S 3/11 |
| (51) H01R 13/53 | (51) H01R 43/048 | H01S 3/16 |
| H01R 31/02 | H01R 4/62 | H01S 3/067 |
| H01R 13/6599 | H01R 4/18 | H01S 3/00 |
| H01R 4/56 | H01R 43/058 | (11) EP2807710 |
| H01R 11/15 | (11) EP3047548 | (21) EP13712150.5 |
| H01R 13/207 | (21) EP14767229.9 | (47) 23.05.2018 |
| H01R 13/447 | (47) 23.05.2018 | (87) EP2013051585 |
| H01R 101/00 | (87) US2014054028 | 01.08.2013 |
| (11) EP3021424 | 26.03.2015 | (22) 28.01.2013 |
| (21) EP15194557.3 | (22) 04.09.2014 | (54) DEVICE FOR GENERATING LIGHT |
| (47) 23.05.2018 | (54) CRIMP TOOLING FOR A TERMINAL | PULSES |
| (22) 13.11.2015 | CRIMPING MACHINE | (73) Fraunhofer-Gesellschaft zur Förderung der |
| (54) ELECTRICAL CONNECTOR ASSEMBLY | (73) TE Connectivity Corporation | angewandten Forschung e.V. |
| COMPRISING A GROUNDING LINK | TE Connectivity Germany GmbH | Friedrich-Schiller-Universität Jena |
| AND CORRESPONDING METHOD OF | (72) BLUEMMELE, Uwe | (72) EIDAM, Tino |
| CONNECTION | MORRIS, Michael | LIMPERT, Jens |
| (73) Thomas & Betts International LLC | COLLEGE, David Alan | KLENKE, Arno |
| (72) SIEBENS, Larry N. | (31) 201314031728 | TÜNNERMANN, Andreas |
| BORGSTROM, Alan D. | (32) 19.09.2013 | ROTHHARDT, Jan |
| (31) 201462080496 P | (33) United States of America | HÄDRICH, Steffen |
| (32) 17.11.2014 | (51) H01R 43/26 | SEISE, Enrico |
| (33) United States of America | H01R 13/453 | (31) 102012001511 |
| (51) H01R 13/641 | H01R 13/52 | 102012002958 |
| H01R 13/639 | A61B 5/00 | (32) 27.01.2012 |
| H01R 13/627 | (11) EP2875553 | 16.02.2012 |
| (11) EP3082200 | (21) EP12743824.0 | (33) Germany |

| | | |
|---|--|--------------------------------------|
| Germany | (87) DE2014200355 | (54) GAS INSULATING ELECTRIC DEVICE |
| (51) H01S 5/02 | 07.05.2015 | (73) MITSUBISHI ELECTRIC CORPORATION |
| H01S 5/10 | (22) 25.07.2014 | (72) TSURIMOTO, Takao |
| H01S 5/30 | (54) PRECHAMBER SPARK PLUG | YOSHIMURA, Manabu |
| H01S 5/32 | (73) DKT Verwaltungs-GmbH | SADAKUNI, Hitoshi |
| H01S 5/343 | (72) MAUL, Georg | SHIMIZU, Yoshinori |
| H01S 5/40 | KUHNERT, Steffen | MIYAMOTO, Takashi |
| (11) EP2539979 | (31) 102013221963 | (31) 2006295034 |
| (21) EP11709349.2 | (32) 29.10.2013 | (32) 31.10.2006 |
| (47) 23.05.2018 | (33) Germany | (33) Japan |
| (87) EP2011052773 | (51) H01T 13/39 | (51) H02G 3/04 |
| 01.09.2011 | F02P 13/00 | (11) EP1795931 |
| (22) 24.02.2011 | H01T 13/20 | (21) EP07001901.3 |
| (54) Laser light coupling into SOI CMOS | (11) EP2738892 | (47) 23.05.2018 |
| photonic integrated circuit | (21) EP12819925.4 | (22) 04.10.2001 |
| (73) Universiteit Gent | (47) 23.05.2018 | (54) Cable exit trough with insert |
| IMEC vzw | (87) JP2012002637 | (73) ADC Telecommunications, Inc. |
| (72) BAETS, Roeland | 07.02.2013 | (72) Wentworth, Michael J. |
| VAN THOURHOUT, Dries | (22) 17.04.2012 | Johnson, Brian L. |
| ROELKENS, Günther | (54) SPARK PLUG | Johnson, Wayne |
| MORTHIER, Geert | (73) NGK Spark Plug Co., Ltd. | Kampf, Thomas W. |
| DE KONINCK, Yannick | (72) SUMOYAMA, Daisuke | Watts, Alex |
| (31) 10157111 | YOSHIMOTO, Osamu | (31) 680700 |
| 10154596 | (31) 2011166387 | (32) 06.10.2000 |
| (32) 19.03.2010 | (32) 29.07.2011 | (33) United States of America |
| 24.02.2010 | (33) Japan | (51) H02G 5/06 |
| (33) European Patent Office (EPO) | (51) H02B 1/50 | (11) EP3142206 |
| European Patent Office (EPO) | H02B 7/08 | (21) EP15184846.2 |
| (51) H01T 13/20 | (11) EP3172806 | (47) 23.05.2018 |
| F02P 13/00 | (21) EP14783899.9 | (22) 11.09.2015 |
| F02B 19/18 | (47) 23.05.2018 | (54) HIGH VOLTAGE DC INSULATOR FOR |
| F02B 19/10 | (87) HU2014000070 | ISOLATING A LINE SUBJECTED TO |
| F02B 19/08 | 28.01.2016 | DIRECT CURRENT AND METHOD OF |
| F02B 19/12 | (22) 08.08.2014 | MANUFACTURING THE SAME |
| (11) EP2659556 | (54) TILTABLE UNDERGROUND | (73) ABB Schweiz AG |
| (21) EP11853843.8 | PROTECTIVE CABINET FOR | (72) Straumann, Ulrich |
| (47) 23.05.2018 | ELECTRICAL EQUIPMENT WITH | Sykes, Thomas |
| (87) US2011002012 | COUNTERWEIGHT TILTING | (51) H02G 15/00 |
| 05.07.2012 | MECHANISME | H02G 3/06 |
| (22) 30.12.2011 | (73) Jet-Vill Korlátolt Felelősségű Társaság | (11) EP3012934 |
| (54) PRECHAMBER IGNITION SYSTEM | (72) MAROSÁN, István | (21) EP15188054.9 |
| (73) Prometheus Applied Technologies, LLC | (31) 1400163 | (47) 23.05.2018 |
| (72) SOTIROPOULOU, Maria-Emmanuella | (32) 25.07.2014 | (22) 02.10.2015 |
| TOZZI, Luigi, P. | (33) Hungary | (54) ADJUSTING PIECE FOR THE SAFE |
| (31) 201061460337 P | (51) H02B 11/127 | INTRODUCTION OF ELECTRIC CABLES |
| (32) 31.12.2010 | H02B 11/167 | INTO PIPES |
| (33) United States of America | (11) EP3167518 | (73) Jannach, Helmut |
| (51) H01T 13/32 | (21) EP15738279.7 | (72) Jannach, Helmut |
| H01T 13/16 | (47) 23.05.2018 | Kriegel, Maximilian |
| (11) EP3076502 | (87) EP2015063970 | (31) 7432014 |
| (21) EP16161495.3 | 14.01.2016 | (32) 02.10.2014 |
| (47) 23.05.2018 | (22) 22.06.2015 | (33) Austria |
| (22) 22.03.2016 | (54) INSERTION-EXTRACTION- | (51) H02H 1/04 |
| (54) IGNITION PLUG | MECHANISM | H02H 9/04 |
| (73) NGK Spark Plug Co., Ltd. | (73) ABB Schweiz AG | H04L 25/02 |
| (72) YAMADA, Yuichi | (72) INVERNIZZI, Pierluigi | (11) EP2658061 |
| KAWADE, Takuya | RAMBALDINI, Simone | (21) EP13163437.0 |
| (31) 2015075602 | (31) 14176669 | (47) 23.05.2018 |
| (32) 02.04.2015 | (32) 11.07.2014 | (22) 11.04.2013 |
| (33) Japan | (33) European Patent Office (EPO) | (54) Communication line isolator |
| (51) H01T 13/32 | (51) H02B 13/055 | (73) Sankosha Corporation |
| H01T 13/36 | H02G 5/06 | (72) MIYATA, Junpei |
| H01T 13/46 | (11) EP2079136 | ITO, Hidetoshi |
| H01T 13/54 | (21) EP07827928.8 | (31) 2012100622 |
| F02B 19/12 | (47) 23.05.2018 | (32) 26.04.2012 |
| (11) EP3063846 | (87) JP2007001149 | (33) Japan |
| (21) EP14758287.8 | 08.05.2008 | (51) H02H 7/08 |
| (47) 23.05.2018 | (22) 22.10.2007 | |

| | | |
|---|---|---|
| (11) EP2234236 | MCKNIGHT, Gregory Joseph | 08.04.2010 |
| (21) EP09004087.4 | JAMES, Sean | (22) 30.09.2009 |
| (47) 23.05.2018 | BIANCHINI, Ricardo | (54) WIND ENERGY PLANT TESTING |
| (22) 23.03.2009 | (31) 201462023782 P | DEVICE |
| (54) Thermal overload relay with motor diagnostics | 201514675030 | (73) Senvion GmbH |
| (73) ABB AG | (32) 11.07.2014 | (72) LETAS, Heinz-Hermann |
| (72) Andenna, Andrea | 31.03.2015 | (31) 102008049629 |
| Orkisz, Michael, Dr. | (33) United States of America | (32) 30.09.2008 |
| Müller, Peter O. | United States of America | (33) Germany |
| Ukil, Abhisek | (51) H02J 3/14 | (51) H02J 3/38 |
| (51) H02J 3/00 | (11) EP2454792 | H02P 9/00 |
| G05F 1/14 | (21) EP10729897.8 | F03D 7/02 |
| (11) EP2996216 | (47) 23.05.2018 | (11) EP2551984 |
| (21) EP15002651.6 | (87) EP2010059804 | (21) EP12177030.9 |
| (47) 23.05.2018 | 20.01.2011 | (47) 23.05.2018 |
| (22) 10.09.2015 | (22) 08.07.2010 | (22) 19.07.2012 |
| (54) ELECTRICAL DEVICE | (54) DOMESTIC APPLIANCE AND METHOD FOR OPERATING A DOMESTIC APPLIANCE | (54) Power plant control system and method for influencing high voltage characteristics |
| (73) EMSc (UK) Limited | (73) BSH Hausgeräte GmbH | (73) General Electric Company |
| (72) Mardapittas, Alex | (72) BOSEN, Peter | (72) Kirchner, Andreas |
| (31) 201416092 | HÄPP, Claudia | (31) 201113194647 |
| (32) 11.09.2014 | (31) 102009027802 | (32) 29.07.2011 |
| (33) United Kingdom | (32) 17.07.2009 | (33) United States of America |
| (51) H02J 3/00 | (33) Germany | (51) H02J 3/38 |
| H02J 3/38 | (51) H02J 3/14 | H02S 40/38 |
| H02J 4/00 | H02J 13/00 | H02S 40/32 |
| (11) EP3054549 | (11) EP2874263 | H02J 7/35 |
| (21) EP16154077.8 | (21) EP13816909.9 | (11) EP3097621 |
| (47) 23.05.2018 | (47) 23.05.2018 | (21) EP14835537.3 |
| (22) 03.02.2016 | (87) JP2013004287 | (47) 23.05.2018 |
| (54) ELECTRICAL FACILITY FOR A SHIP, SHIP PROVIDED WITH SAME AND METHOD FOR CONTROLLING SUCH A FACILITY | 16.01.2014 | (87) UA2014000135 |
| (73) STX FRANCE S.A. | (22) 11.07.2013 | 30.07.2015 |
| (72) MONEUSE, Nicolas | (54) SERVER DEVICE AND ELECTRICAL POWER CONTROL SYSTEM | (22) 23.12.2014 |
| JACQUES, Arnaud | (73) Kyocera Corporation | (54) METHOD AND APPARATUS FOR EXTRACTING ELECTRICAL ENERGY FROM PHOTOVOLTAIC MODULE |
| LORANG, Matthieu | (72) KITAJI, Mitsuhiro | (73) Techinvest-eco, Limited Liability Company |
| (31) 1550964 | (31) 2012156022 | (72) CHERNILEVSKYY, Ihor Kostiantynovych |
| (32) 06.02.2015 | (32) 11.07.2012 | TOKAREV, Viktor Serhiyovych |
| (33) France | (33) Japan | TOKAREV, Stanislav Viktorovych |
| (51) H02J 3/01 | (51) H02J 3/32 | SELEZNIOV, Olexsandr Mikhailovich |
| H02M 1/12 | H01M 10/44 | MENSHENIN, Pavlo Germanovich |
| (11) EP2398124 | H02J 7/35 | ILCHUK, Hryhoriy Arhypovych |
| (21) EP10166572.7 | G01D 4/00 | PETRUS, Roman Yuriyovych |
| (47) 23.05.2018 | H01M 10/46 | RUDAK, Viktor Olexsandrovich |
| (22) 18.06.2010 | H02J 3/38 | LOBOYKO, Serhiy Vasyliovych |
| (54) Method to minimize input current harmonics of power systems such as ESP power systems | (11) EP2475060 | IANUSHEVSKYI, Dmytro Mykolayovych |
| (73) General Electric Technology GmbH | (21) EP10821643.3 | (31) 2014000687 |
| (72) Kolar, Johann Walter | (47) 23.05.2018 | (32) 24.01.2014 |
| Soeiro, Thiago Batista | (87) IB2010002488 | (33) Ukraine |
| Biela, Jürgen | 14.04.2011 | (51) H02J 4/00 |
| Ranstadt, Per | (22) 01.10.2010 | B64C 25/24 |
| Linner, Jörgen | (54) ENERGY STORAGE SYSTEM | (11) EP2312721 |
| (51) H02J 3/02 | (73) Panasonic Intellectual Property Management Co., Ltd. | (21) EP10183215.2 |
| H02J 3/32 | (72) TAKEHARA, Kiyotaka | (47) 23.05.2018 |
| (11) EP3167524 | (31) 2009232007 | (22) 30.09.2010 |
| (21) EP15739733.2 | (32) 05.10.2009 | (54) NETWORK FOR MANAGING MONO OR MULTI-ENGINE ACTUATORS, PARTICULARLY ADAPTED FOR AERONAUTICAL APPLICATIONS, SUCH AS THE POWER SUPPLY FOR THE MOTORS OF LATCHING BOXES |
| (47) 23.05.2018 | (33) Japan | (73) Safran Landing Systems |
| (87) US2015039464 | (51) H02J 3/38 | (72) Nierlich, Florent |
| 14.01.2016 | G01R 31/42 | Annee, Etienne |
| (22) 08.07.2015 | G01R 31/02 | Leynaert, François-Noël |
| (54) ELECTRICITY MANAGEMENT USING MODULATED WAVEFORMS | G01R 31/34 | (31) 0904895 |
| (73) Microsoft Technology Licensing, LLC | F03D 17/00 | (32) 13.10.2009 |
| (72) LIU, Jie | (11) EP2332229 | |
| JANOUS, Brian | (21) EP09778783.2 | |
| | (47) 23.05.2018 | |
| | (87) EP2009007028 | |

| | | |
|-------------------------------------|---|--|
| (33) France | H05B 37/02 | (54) WIRELESS TRANSMISSION |
| (51) H02J 5/00 | (11) EP2907219 | SYNCHRONIZATION USING A POWER |
| E05D 11/00 | (21) EP13846210.6 | LINE SIGNAL |
| (11) EP3211747 | (47) 23.05.2018 | (73) Thomas & Betts International, Inc. |
| (21) EP17154909.0 | (87) CA2013000865 | (72) Khoshnood, Bahman |
| (47) 23.05.2018 | 17.04.2014 | Dodds, William J. |
| (22) 04.10.2010 | (22) 09.10.2013 | Delgado, Camilo |
| (54) METHOD AND DEVICE FOR | (54) HYBRID POWER SOURCE LIGHTING | Bright, Eugene |
| TRANSMITTING ELECTRIC POWER | AND ENERGY SYSTEM FOR | Ocasio, David |
| FROM A WALL TO A LEAF HINGEABLY | OPERATION IN HARSH AND/OR | (31) 201461978590 P |
| FASTENED TO SAID WALL | REMOTE LOCATIONS | 201514681337 |
| (73) Dr. Hahn GmbH & Co. KG | (73) Cleantek Industries Inc. | (32) 11.04.2014 |
| (72) Steinfeld, Ingo | (72) CURLETT, Joshua | 08.04.2015 |
| Herglotz, Tibor | (31) 201261711671 P | (33) United States of America |
| Meyer, Eckhard | (32) 09.10.2012 | United States of America |
| (31) 102009044728 | (33) United States of America | (51) H02J 50/05 |
| (32) 02.12.2009 | (51) H02J 9/06 | H02J 50/70 |
| (33) Germany | H01M 10/42 | (11) EP2958213 |
| (51) H02J 7/00 | H01M 10/44 | (21) EP13875201.9 |
| (11) EP2092627 | H02J 7/00 | (47) 23.05.2018 |
| (21) EP07817888.6 | H02J 7/02 | (87) JP2013053745 |
| (47) 23.05.2018 | H02J 7/35 | 21.08.2014 |
| (87) DK2007000492 | H02J 5/00 | (22) 15.02.2013 |
| 15.05.2008 | (11) EP2985857 | (54) ELECTROSTATIC-COUPLING |
| (22) 12.11.2007 | (21) EP14782091.4 | CONTACTLESS POWER SUPPLY |
| (54) A BATTERY MANAGEMENT SYSTEM | (47) 23.05.2018 | DEVICE |
| (73) Lithium Balance A/S | (87) JP2014001896 | (73) Fuji Machine Mfg. Co., Ltd. |
| (72) LONCAREVIC, Ivan | 16.10.2014 | (72) NOMURA Takeshi |
| (31) 06388061 | (22) 31.03.2014 | TAKIKAWA Shinji |
| (32) 10.11.2006 | (54) STORAGE BATTERY MANAGEMENT | (51) H02J 50/10 |
| (33) European Patent Office (EPO) | SYSTEM AND STORAGE BATTERY | H02J 50/80 |
| (51) H02J 7/00 | MANAGEMENT METHOD | H02J 7/00 |
| B60L 11/18 | (73) Panasonic Intellectual Property Management | (11) EP3098937 |
| H01M 10/42 | Co., Ltd. | (21) EP16166755.5 |
| H01M 10/44 | (72) YOSHITAKE, Akira | (47) 23.05.2018 |
| H04B 3/54 | KIKUCHI, Akihiro | (22) 22.04.2016 |
| (11) EP3015308 | MATSUDA, Yasuhiro | (54) WIRELESSLY PROVIDING POWER TO A |
| (21) EP15190766.4 | KATOU, Ichirou | FULLY DISCHARGED BATTERY |
| (47) 23.05.2018 | KINOMURA, Masahiro | (73) Intel Corporation |
| (22) 21.10.2015 | NAKAHARA, Masayuki | (72) PAWAR, Sagar C. |
| (54) VEHICULAR CHARGE/DISCHARGE | (31) 2013084235 | PILLAI, Prakash |
| SYSTEM | (32) 12.04.2013 | (31) 201514725586 |
| (73) HONDA MOTOR CO., LTD. | (33) Japan | (32) 29.05.2015 |
| (72) TSUNO, Koichi | (51) H02J 13/00 | (33) United States of America |
| (31) 2014219152 | G01R 19/00 | (51) H02J 50/12 |
| (32) 28.10.2014 | (11) EP3008793 | H02J 50/70 |
| (33) Japan | (21) EP14733565.7 | (11) EP2827471 |
| (51) H02J 7/00 | (47) 23.05.2018 | (21) EP12871009.2 |
| H02P 3/14 | (87) EP2014062177 | (47) 23.05.2018 |
| (11) EP3142219 | 18.12.2014 | (87) JP2012056385 |
| (21) EP16188327.7 | (22) 12.06.2014 | 19.09.2013 |
| (47) 23.05.2018 | (54) DISAGGREGATION APPARATUS FOR | (22) 13.03.2012 |
| (22) 12.09.2016 | BEING USED IN A MULTI-GROUP | (54) POWER-RECEIVING DEVICE AND |
| (54) POWER TOOL AND CONTROL CIRCUIT | ELECTRICAL NETWORK | POWER-RECEIVING METHOD |
| THEREOF | (73) Philips Lighting Holding B.V. | (73) Pioneer Corporation |
| (73) Chervon (HK) Limited | (72) RIETMAN, Ronald | (72) IWAWAKI, Keisuke |
| (72) YANG, Dezhong | WANG, Ying | (51) H02K 1/18 |
| XIAN, Chao | (31) 13172133 | H02K 3/34 |
| (31) 201510584010 | (32) 14.06.2013 | H02K 9/02 |
| (32) 14.09.2015 | (33) European Patent Office (EPO) | (11) EP2375544 |
| (33) China | (51) H02J 13/00 | (21) EP11153298.2 |
| (51) H02J 9/00 | G01R 31/08 | (47) 23.05.2018 |
| F21L 4/00 | (11) EP2930823 | (22) 04.02.2011 |
| F21S 9/03 | (21) EP15163224.7 | (54) Motor for washing machine and washing |
| H02J 7/14 | (47) 23.05.2018 | machine having the same |
| H02J 7/35 | (22) 10.04.2015 | (73) Samsung Electronics Co., Ltd. |
| H02J 9/08 | | (72) Lee, Jong Jin |
| | | Lee, Woon Yong |

| | | |
|--|--|------------------------------------|
| Choi, Myong Gui | MIYATA, Daisuke | (31) 102010012584 |
| (31) 20100032716 | MORITA, Makoto | (32) 23.03.2010 |
| (32) 09.04.2010 | YANAKA, Akihiro | (33) Germany |
| (33) Korea (Republic) | (31) 2014205432 | (51) H02M 1/42 |
| (51) H02K 5/22 | (32) 06.10.2014 | H02M 5/40 |
| H02K 5/10 | (33) Japan | H02M 5/44 |
| A47B 87/00 | (51) H02K 41/03 | H02M 5/458 |
| H02G 3/18 | H02K 41/02 | H02M 1/00 |
| (11) EP2715919 | H02K 5/20 | H02M 1/14 |
| (21) EP12790341.7 | (11) EP2352221 | H02M 1/08 |
| (47) 23.05.2018 | (21) EP09821829.0 | (11) EP3057223 |
| (87) US2012033378 | (47) 23.05.2018 | (21) EP14851632.1 |
| 29.11.2012 | (87) JP2009005604 | (47) 23.05.2018 |
| (22) 12.04.2012 | 29.04.2010 | (87) JP2014076822 |
| (54) SECURE RAISED ACCESS FLOOR | (22) 23.10.2009 | 16.04.2015 |
| SERVICE BOX AND SYSTEM | (54) LINEAR MOTOR COIL ASSEMBLY | (22) 07.10.2014 |
| (73) Dirtt Environmental Solutions, Ltd. | COMPRIHING COOLING DEVICE | (54) CONTROL METHOD FOR DIRECT |
| (72) ISAACKS, Scott, J. | (73) Sodick Co., Ltd. | POWER CONVERSION DEVICE |
| VAN BEVEREN, Steven, M. | (72) KOSHIMOTO, Hiroshi | (73) Daikin Industries, Ltd. |
| (31) 201113114762 | TAJIMA, Satoru | (72) SAKAKIBARA, Kenichi |
| (32) 24.05.2011 | (31) 2008273258 | (31) 2013210192 |
| (33) United States of America | (32) 23.10.2008 | (32) 07.10.2013 |
| (51) H02K 7/02 | (33) Japan | (33) Japan |
| (11) EP2761730 | (51) H02M 1/00 | (51) H02M 1/44 |
| (21) EP13769772.8 | H02M 1/14 | H02M 1/12 |
| (47) 23.05.2018 | (11) EP2945267 | H02M 3/156 |
| (87) US2013033601 | (21) EP14196268.8 | (11) EP2949030 |
| 03.10.2013 | (47) 23.05.2018 | (21) EP14709445.2 |
| (22) 22.03.2013 | (22) 04.12.2014 | (47) 23.05.2018 |
| (54) ELECTROMECHANICAL FLYWHEEL | (54) Multi-phase interleaved converter and control | (87) US2014012765 |
| WITH EVACUATION FEATURES | method thereof | 31.07.2014 |
| (73) Rotonix Hong Kong Limited | (73) Hyundai Motor Company | (22) 23.01.2014 |
| (72) KALEV, Claude, Michael | (72) Jang, Hui Sung | (54) NOISE SHAPING FOR SWITCHING |
| (31) 201261615860 P | Chun, Shin Hye | CIRCUITRY |
| (32) 26.03.2012 | Kwak, Mu Shin | (73) Qualcomm Incorporated |
| (33) United States of America | Seong, Hyun Wook | (72) SHI, Song S. |
| (51) H02K 7/18 | (31) 20140058241 | MATHE, Lennart Karl-Axel |
| B60C 19/00 | (32) 15.05.2014 | DAI, Liang |
| H02K 35/02 | (33) Korea (Republic) | (31) 201313752159 |
| H02K 15/14 | (51) H02M 1/32 | (32) 28.01.2013 |
| B60C 23/04 | H02M 7/487 | (33) United States of America |
| (11) EP2955818 | (11) EP2750272 | (51) H02M 3/07 |
| (21) EP14748783.9 | (21) EP13814817.6 | H03L 7/089 |
| (47) 23.05.2018 | (47) 23.05.2018 | (11) EP2156560 |
| (87) JP2014051978 | (87) CN2013080873 | (21) EP08735909.7 |
| 14.08.2014 | 27.03.2014 | (47) 23.05.2018 |
| (22) 29.01.2014 | (22) 06.08.2013 | (87) EP2008054177 |
| (54) ELECTROMAGNETIC GENERATOR, | (54) DIODE NEUTRAL POINT CLAMPED | 16.10.2008 |
| MOUNTING METHOD OF | THREE-LEVEL INVERTER CURRENT | (22) 07.04.2008 |
| ELECTROMAGNETIC GENERATOR | LIMITING CONTROL METHOD AND | (54) CHARGE PUMP CMOS CIRCUIT |
| AND TIRE WITH BUILT-IN | RELATED CIRCUIT THEREOF | (73) TEXAS INSTRUMENTS DEUTSCHLAND |
| ELECTROMAGNETIC GENERATOR | (73) Huawei Technologies Co., Ltd. | GMBH |
| (73) Bridgestone Corporation | (72) LIU, Kelei | (72) RUCK, Bernhard Wolfgang |
| (72) NAGAYA, Go | WANG, Fuzhou | GERBER, Johannes |
| (31) 2013020441 | LV, Yihang | (31) 102007016523 |
| (32) 05.02.2013 | (31) 201210349131 | (32) 05.04.2007 |
| (33) Japan | (32) 19.09.2012 | (33) Germany |
| (51) H02K 16/00 | (33) China | (51) H02M 3/155 |
| H02K 11/21 | (51) H02M 1/34 | H02M 1/08 |
| (11) EP3007335 | H02M 3/335 | (11) EP2973971 |
| (21) EP15188296.6 | (11) EP2369728 | (21) EP14718836.1 |
| (47) 23.05.2018 | (21) EP11002344.7 | (47) 23.05.2018 |
| (22) 05.10.2015 | (47) 23.05.2018 | (87) US2014025485 |
| (54) BRUSHLESS MOTOR | (22) 22.03.2011 | 02.10.2014 |
| (73) AISIN SEIKI KABUSHIKI KAISHA | (54) Switching assembly for active clamping of a | (22) 13.03.2014 |
| TOYOTA JIDOSHA KABUSHIKI KAISHA | single transistor forward converter | (54) SYSTEMS AND METHODS FOR 100 |
| (72) NAKANO, Takumi | (73) Airbus Defence and Space GmbH | PERCENT DUTY CYCLE IN SWITCHING |
| MATSUMOTO, Takeru | (72) Strixner, Erich | REGULATORS |

| | | |
|---|---------------------------------------|---|
| (73) QUALCOMM INCORPORATED | H02M 1/44 | (32) 13.03.2012 |
| (72) GONCALVES, Ricardo T. | H02M 1/12 | (33) China |
| STOCKSTAD, Troy | H02M 1/14 | (51) H02P 5/50 |
| RUTKOWSKI, Joseph D. | H02M 1/15 | (11) EP1762000 |
| (31) 201313828044 | (11) EP3139484 | (21) EP05732460.0 |
| (32) 14.03.2013 | (21) EP15183633.5 | (47) 23.05.2018 |
| (33) United States of America | (47) 23.05.2018 | (87) CZ2005000035 |
| (51) H02M 3/158 | (22) 03.09.2015 | 10.11.2005 |
| (11) EP1994633 | (54) A MAINS POWER CONVERTER, A | (22) 27.04.2005 |
| (21) EP07712442.8 | CONTROLLER THEREFOR, AND | (54) A METHOD OF CONTROLLING |
| (47) 23.05.2018 | METHODS OF OPERATING THE SAME | TWO OR MORE COMMUTATOR DC |
| (87) EP2007052057 | (73) NXP B.V. | PERMANENT MAGNET MOTORS IN |
| 07.09.2007 | (72) BÜTHKER, Dick Cornelis Johannes | DRIVING MECHANISMS FOR SETTING |
| (22) 05.03.2007 | (51) H02M 7/48 | A POSITION OF FURNITURE PARTS |
| (54) BUCK-BOOST DC/DC CONVERTER | (11) EP2552006 | AND A DEVICE FOR CARRYING OUT |
| (73) TEXAS INSTRUMENTS DEUTSCHLAND | (21) EP10848449.4 | THE METHOD |
| GMBH | (47) 23.05.2018 | (73) Linet Spol. S.R.O. |
| (72) PREXL, Franz | (87) JP2010064009 | E.C.SYS S.R.O. |
| BAYER, Eric-Johann | 29.09.2011 | (72) SOUKUP, Miroslav |
| NEUHAEUSLER, Juergen | (22) 19.08.2010 | (31) 200415379 U |
| (31) 102006009956 | (54) POWER CONVERSION DEVICE | (32) 30.04.2004 |
| (32) 03.03.2006 | (73) Hitachi Automotive Systems, Ltd. | (33) Czech Republic |
| (33) Germany | (72) FUJINO, Shinichi | (51) H02P 6/14 |
| (51) H02M 3/158 | TAKAGI, Yusuke | H02P 6/18 |
| H02M 1/44 | HAKUTO, Takuma | (11) EP3008808 |
| H02M 3/07 | (31) 2010066272 | (21) EP14730976.9 |
| H02J 3/38 | (32) 23.03.2010 | (47) 23.05.2018 |
| (11) EP3127229 | (33) Japan | (87) GB2014051782 |
| (21) EP15712134.4 | (51) H02M 7/48 | 18.12.2014 |
| (47) 23.05.2018 | G05F 1/67 | (22) 10.06.2014 |
| (87) EP2015056448 | H02M 7/49 | (54) METHOD OF CONTROLLING OF A |
| 08.10.2015 | H02J 3/38 | BRUSHLESS PERMANENT-MAGNET |
| (22) 25.03.2015 | H02M 7/5387 | MOTOR |
| (54) SPREAD SPECTRUM AMPLITUDE | (11) EP2114002 | (73) Dyson Technology Limited |
| MODULATION FOR REDUCING EMI | (21) EP08710428.7 | (72) CELIK, Tuncay |
| EMISSIONS OF A SWITCHED MODE | (47) 23.05.2018 | (31) 201310574 |
| POWER CONVERTER | (87) JP2008000275 | (32) 13.06.2013 |
| (73) SMA Solar Technology AG | 28.08.2008 | (33) United Kingdom |
| (72) KNOBLOCH, Andreas | (22) 20.02.2008 | (51) H02P 29/00 |
| (31) 102014104730 | (54) 3-PHASE POWER CONVERSION DEVICE | H02P 29/02 |
| (32) 03.04.2014 | (73) Mitsubishi Electric Corporation | G01K 7/42 |
| (33) Germany | Tokyo Institute of Technology | H02K 11/00 |
| (51) H02M 5/458 | (72) IWATA, Akihiko | G06F 11/07 |
| H02M 7/5387 | ITO, Hiroshi | (11) EP2482446 |
| (11) EP1396925 | AKAGI, Hirofumi | (21) EP12152749.3 |
| (21) EP03017160.7 | FUJITA, Hideaki | (47) 23.05.2018 |
| (47) 23.05.2018 | JIMICHI, Takushi | (22) 26.01.2012 |
| (22) 29.07.2003 | (31) 2007041764 | (54) Methods and systems involving electric |
| (54) Charging circuit for a converter | (32) 22.02.2007 | machine controllers |
| (73) Dr. Johannes Heidenhain GmbH | (33) Japan | (73) General Electric Company |
| (72) Huber, Norbert | (51) H02M 7/48 | (72) Vicente, Nataniel Barbosa |
| Ritz, Franz | H02M 3/28 | Brandt, Torsten |
| (31) 10241036 | H02M 1/32 | Greenwood, Todd Elliott |
| (32) 05.09.2002 | H02M 3/335 | Mueller, Joachim |
| (33) Germany | (11) EP2738932 | (31) 201113016249 |
| (51) H02M 7/00 | (21) EP13760374.2 | (32) 28.01.2011 |
| H02M 7/487 | (47) 23.05.2018 | (33) United States of America |
| (11) EP2456059 | (87) CN2013070864 | (51) H02S 10/10 |
| (21) EP10191467.9 | 19.09.2013 | H02S 40/38 |
| (47) 23.05.2018 | (22) 23.01.2013 | (11) EP2126979 |
| (22) 17.11.2010 | (54) SECONDARY POWER SYSTEM AND | (21) EP07819887.6 |
| (54) Switching branch modul for a three-level | METHOD FOR SUPPRESSING VOLTAGE | (47) 23.05.2018 |
| converter and method for controlling that | TRANSIENT IN THE SECONDARY | (87) EP2007010091 |
| switching branch | POWER SYSTEM | 05.06.2008 |
| (73) ABB Schweiz AG | (73) Huawei Technologies Co., Ltd. | (22) 21.11.2007 |
| (72) Viitanen, Tero | (72) ZHANG, Zhenyu | (54) DEVICE FOR THE CONVERSION AND |
| (51) H02M 7/217 | FAN, Xiaodong | STORAGE OF ENERGY |
| | (31) 201210065182 | |

- (73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) SPIES, Peter
ROHMER, Günter
TÜBKE, Jens
HEBLING, Christopher
BÖTTNER, Harald
(31) 102006055883
(32) 27.11.2006
(33) Germany
-
- (51) H03F 1/02
H03F 3/217
H03F 3/24
H04B 1/04
H03F 3/189
H04W 52/02
(11) EP2602930
(21) EP11814220.7
(47) 23.05.2018
(87) JP2011002452
09.02.2012
(22) 26.04.2011
(54) TRANSMITTER AND METHOD FOR CONTROLLING SAME
(73) NEC Corporation
(72) HORI, Shinichi
(31) 2010174453
(32) 03.08.2010
(33) Japan
-
- (51) H03F 1/32
H03F 3/189
H03F 3/24
(11) EP2779441
(21) EP14157774.2
(47) 23.05.2018
(22) 05.03.2014
(54) Under-sampling digital pre-distortion architecture
(73) Analog Devices Global Unlimited Company
(72) Chen, Dong
(31) 201313798561
(32) 13.03.2013
(33) United States of America
-
- (51) H03F 1/52
H03F 3/217
(11) EP2845313
(21) EP13717683.0
(47) 23.05.2018
(87) US2013035680
07.11.2013
(22) 08.04.2013
(54) SPLIT CAPACITORS SCHEME FOR SUPPRESSING OVERSHOOT VOLTAGE GLITCHES IN CLASS D AMPLIFIER OUTPUT STAGE
(73) Qualcomm Incorporated
(72) HUANG, Chenling
FEI, Haibo
SIENKO, Matthew D.
(31) 201261641791 P
201213628011
(32) 02.05.2012
26.09.2012
(33) United States of America
United States of America
-
- (51) H03H 7/40
(11) EP2557688
(21) EP11290371.1
(47) 23.05.2018
(22) 11.08.2011
(54) A controller for a radio circuit
(73) NXP B.V.
(72) Erdem, Aykut
(51) H03K 17/16
H03K 17/12
(11) EP2704326
(21) EP12182167.2
(47) 23.05.2018
(22) 29.08.2012
(54) Output module and method for operation
(73) Siemens Aktiengesellschaft
(72) Haritounian, Sevan
Deml, Michael
Fichtlscherer, Martin
Kemptner, Sebastian
Kiendl, Thomas
König, Mathias
Mark, Reinhard
Vogel, René
-
- (51) H03L 7/091
(11) EP3158645
(21) EP15701234.5
(47) 23.05.2018
(87) EP2015051676
04.08.2016
(22) 28.01.2015
(54) SUB-SAMPLING PHASE-LOCKED LOOP
(73) Huawei Technologies Co. Ltd.
(72) JAKOBSSON, Anders
-
- (51) H04B 1/00
G06F 7/48
H04L 27/38
(11) EP3190711
(21) EP17150338.6
(47) 23.05.2018
(22) 05.01.2017
(54) RF RECEIVER WITH FREQUENCY TRACKING
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) DEHMAS, François
(31) 1650117
(32) 07.01.2016
(33) France
-
- (51) H04B 1/00
H04B 1/40
(11) EP2875585
(21) EP13739943.2
(47) 23.05.2018
(87) EP2013002044
30.01.2014
(22) 11.07.2013
(54) CIRCUIT ARRANGEMENT FOR A MOBILE COMMUNICATIONS UNIT OF A MOTOR VEHICLE, MOTOR VEHICLE AND METHOD FOR OPERATING A CIRCUIT ARRANGEMENT
(73) Audi AG
(72) EHRENTAUT, Herbert
(31) 102012014547
(32) 21.07.2012
(33) Germany
-
- (51) H04B 1/00
H05K 1/02
(11) EP2982041
(21) EP14723233.4
(47) 23.05.2018
(87) US2014032491
09.10.2014
(22) 01.04.2014
(54) ROUTING AND SHIELDING OF SIGNAL LINES TO IMPROVE ISOLATION
(73) Qualcomm Incorporated
(72) YOUSSEF, Ahmed Abdel Monem
CHANG, Li-Chung
LEUNG, Wingching Vincent
HE, Allen
XU, Rui
ABDEL GHANY, Ehab Ahmed Sobhy
(31) 201313857022
(32) 04.04.2013
(33) United States of America
-
- (51) H04B 1/30
(11) EP2590332
(21) EP12186588.5
(47) 23.05.2018
(22) 28.09.2012
(54) Ultra-low power super-regenerative receiver and method thereof
(73) Samsung Electronics Co., Ltd
(72) Park, Chang Soon
Hong, Young Jun
Kang, Joon Seong
(31) 20110112833
(32) 01.11.2011
(33) Korea (Republic)
-
- (51) H04B 1/40
G06F 3/14
G06F 1/16
H04M 1/02
H04M 1/57
H04M 19/04
G09G 3/20
G09G 5/14
H04M 1/22
H04M 3/42
H04W 4/12
H04W 68/00
H04W 68/02
(11) EP3223435
(21) EP17171078.3
(47) 23.05.2018
(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) H04B 1/40
H04B 1/10
H04B 17/354
(11) EP3024150
(21) EP15190308.5
(47) 23.05.2018
(22) 16.10.2015
(54) ACCURATE DESENSITIZATION ESTIMATION OF A RECEIVER
(73) Intel Corporation
(72) BENJAMIN, Ofer

| | | |
|---|---|------------------------------------|
| (31) 201414548576 | (33) Korea (Republic) | (31) 691723 P |
| (32) 20.11.2014 | (51) H04B 7/04 | (32) 16.06.2005 |
| (33) United States of America | H04B 7/06 | (33) United States of America |
| (51) H04B 1/69 | (11) EP2991237 | (51) H04B 7/06 |
| (11) EP1665820 | (21) EP15182233.5 | (11) EP2612452 |
| (21) EP04756022.2 | (47) 23.05.2018 | (21) EP11752730.9 |
| (47) 23.05.2018 | (22) 24.08.2015 | (47) 23.05.2018 |
| (87) US2004020278 | (54) BASE STATION AND MASSIVE MIMO | (87) US2011049752 |
| 21.04.2005 | COMMUNICATION METHOD | 08.03.2012 |
| (22) 23.06.2004 | (73) Sony Corporation | (22) 30.08.2011 |
| (54) INTERFERENCE MANAGEMENT FOR | Sony Mobile Communications Inc. | (54) IMPLICIT AND EXPLICIT CHANNEL |
| SOFT HANDOFF AND BROADCAST | (72) KUSUNOKI, Shigeo | SOUNDING FOR BEAMFORMING |
| SERVICES IN A WIRELESS FREQUENCY | (31) 201462041408 P | (73) Qualcomm Incorporated |
| HOPPING COMMUNICATION SYSTEM | (32) 25.08.2014 | (72) MERLIN, Simone |
| (73) Qualcomm, Incorporated | (33) United States of America | VAN NEE, Didier, Johannes, Richard |
| (72) AGRAWAL, Avneesh | (51) H04B 7/04 | VAN ZELST, Albert |
| (31) 608914 | H04J 11/00 | (31) 201113220208 |
| (32) 25.09.2003 | H04B 1/10 | 378646 P |
| (33) United States of America | H04B 1/76 | (32) 29.08.2011 |
| (51) H04B 3/32 | H04L 5/00 | 31.08.2010 |
| (11) EP3229378 | (11) EP3110016 | (33) United States of America |
| (21) EP17172819.9 | (21) EP14885819.4 | United States of America |
| (47) 23.05.2018 | (47) 23.05.2018 | (51) H04B 7/06 |
| (22) 31.08.2006 | (87) CN2014073210 | H04B 1/7107 |
| (54) METHOD AND ARRANGEMENT IN A | 17.09.2015 | (11) EP2564520 |
| DIGITAL SUBSCRIBER LINE SYSTEM | (22) 11.03.2014 | (21) EP11722223.2 |
| (73) Ericsson AB | (54) SIGNAL PROCESSING METHOD AND | (47) 23.05.2018 |
| (72) Engström, Bo | APPARATUS | (87) US2011034123 |
| Sjöberg, Frank | (73) Huawei Technologies Co., Ltd. | 10.11.2011 |
| Öhman, Hans | (72) CAI, Meng | (22) 27.04.2011 |
| (51) H04B 7/02 | LI, Kun | (54) MODIFIED SPATIAL DIVERSITY |
| H04B 7/15 | JIANG, Hongli | SCHEMES FOR COVERAGE |
| H04L 27/26 | LIU, Yu | ENHANCEMENT |
| H04B 7/155 | (51) H04B 7/04 | (73) Qualcomm Incorporated |
| H04L 1/00 | H04L 25/02 | (72) LUO, Tao |
| H04L 5/00 | (11) EP2532099 | BHATTAD, Kapil |
| H04W 40/28 | (21) EP11705340.5 | ZHANG, Xiaoxia |
| H04W 52/40 | (47) 23.05.2018 | YOO, Taesang |
| (11) EP1958345 | (87) US2011023785 | LIU, Ke |
| (21) EP05813490.9 | 11.08.2011 | (31) 201113094669 |
| (47) 23.05.2018 | (22) 04.02.2011 | 328535 P |
| (87) SE2005001789 | (54) APPARATUS AND METHOD FOR | (32) 26.04.2011 |
| 07.06.2007 | ENABLING UPLINK BEAMFORMING | 27.04.2010 |
| (22) 29.11.2005 | TRANSMIT DIVERSITY CHANNEL | (33) United States of America |
| (54) SCHEDULING IN A WIRELESS MULTI- | ESTIMATION | United States of America |
| HOP RELAY NETWORK | (73) Qualcomm Incorporated | (51) H04B 7/06 |
| (73) Telefonaktiebolaget LM Ericsson (publ) | (72) JIANG, Yibo | H04W 52/32 |
| (72) LARSSON, Peter | SAMBHWANI, Sharad Deepak | H04W 52/14 |
| (51) H04B 7/04 | HOU, Jilei | (11) EP2532101 |
| H04B 7/0413 | (31) 201113019456 | (21) EP11703556.8 |
| H04B 7/0456 | 302058 P | (47) 23.05.2018 |
| H04B 7/06 | (32) 02.02.2011 | (87) US2011023735 |
| (11) EP2592763 | 05.02.2010 | 11.08.2011 |
| (21) EP11803762.1 | (33) United States of America | (22) 04.02.2011 |
| (47) 23.05.2018 | United States of America | (54) APPARATUS AND METHOD FOR |
| (87) KR2011004835 | (51) H04B 7/0417 | UPLINK BEAMFORMING TRANSMIT |
| 12.01.2012 | H04L 1/00 | DIVERSITY |
| (22) 01.07.2011 | H04B 7/06 | (73) Qualcomm Incorporated |
| (54) TRANSMITTING DEVICE AND A | (11) EP1897258 | (72) JIANG, Yibo |
| METHOD OF COMMUNICATING | (21) EP06773112.5 | SAMBHWANI, Sharad Deepak |
| THEREWITH, AND RECEIVING DEVICE | (47) 23.05.2018 | HOU, Jilei |
| AND A METHOD OF COMMUNICATING | (87) US2006023095 | WANG, Jibing |
| THEREWITH | 28.12.2006 | (31) 201113019448 |
| (73) GoldPeak Innovations Inc. | (22) 13.06.2006 | 302056 P |
| (72) PARK, Kyoungmin | (54) Robust channel rank prediction in MIMO | (32) 02.02.2011 |
| (31) 20100064573 | communications systems | 05.02.2010 |
| (32) 05.07.2010 | (73) Qualcomm Incorporated | (33) United States of America |
| | (72) SAMPATH, Hemanth | United States of America |

| | | |
|--|---|--|
| (51) H04B 7/12 H04B 7/08 H04B 7/06 | (32) 10.11.2015 (33) France | (22) 18.11.2016 (54) DEVICE AND METHOD OF HANDLING COMMUNICATION OPERATION |
| (11) EP2499752 (21) EP10785202.2 (47) 23.05.2018 (87) IB2010054658 19.05.2011 (22) 14.10.2010 | (37) H04B 7/26 H04L 29/08 (11) EP2137842 (21) EP08731499.3 (47) 23.05.2018 (87) US2008055988 02.10.2008 (22) 06.03.2008 | (73) HTC Corporation (72) Meng, Ling-San (31) 201562257739 P 201615352593 (32) 20.11.2015 16.11.2016 (33) United States of America United States of America |
| (54) QUICK RE-CONNECT DIVERSITY RADIO SYSTEM (73) Koninklijke Philips N.V. (72) HARRIS, Otis, Robert, III HARWELL, Robert (31) 260865 P (32) 13.11.2009 (33) United States of America | (54) METHOD FOR MANAGING A COMMUNICATION GROUP OF COMMUNICATION DEVICES (73) Motorola Solutions, Inc. (72) THOMAS, Shanthi E., BEKIARES, Tyrone D., KELLER, Matthew C., MILAUSNIC, Robert J., (31) 690587 (32) 23.03.2007 (33) United States of America | (51) H04B 10/07 H04Q 11/00 (11) EP2879309 (21) EP12881541.2 (47) 23.05.2018 (87) CN2012079202 30.01.2014 (22) 26.07.2012 (54) SHARED PROTECTION METHOD, FIRST NODE DEVICE, AND SYSTEM IN OPTICAL TRANSPORT NETWORK (73) Huawei Technologies Co., Ltd. (72) YAN, Jun |
| (51) H04B 7/15 H04W 24/00 H04W 84/02 (11) EP2313990 (21) EP09806263.1 (47) 23.05.2018 (87) CA2009001117 18.02.2010 (22) 12.08.2009 | (51) H04B 7/26 H04W 8/12 H04W 8/08 H04W 36/24 H04W 60/00 H04W 76/02 (11) EP2697912 (21) EP11863407.0 (47) 23.05.2018 (87) CN2011072843 18.10.2012 (22) 15.04.2011 | (51) H04B 10/071 G01M 11/00 (11) EP2985929 (21) EP13881634.3 (47) 23.05.2018 (87) CN2013083568 16.10.2014 (22) 16.09.2013 (54) ZEROING METHOD AND ZEROING DEVICE FOR OPTICAL-TIME DOMAIN REFLECTOMETER (73) ZTE Corporation (72) ZHU, Meidong XU, Han CHEN, Jianzhang LU, Jianxin (31) 201310120555 (32) 09.04.2013 (33) China |
| (54) ENABLING DOWNLINK TRANSPARENT RELAY IN A WIRELESS COMMUNICATIONS NETWORK (73) BlackBerry Limited (72) MA, Jianglei XU, Hua ZHANG, Hang ZHU, Peiying TONG, Wen (31) 88183 P (32) 12.08.2008 (33) United States of America | (54) MOBILE NODE REGISTRATION (73) Empire Technology Development LLC (72) WANG, Xingyuan (51) H04B 7/26 H04W 72/04 H04J 11/00 H04L 5/00 H04W 4/00 H04W 76/02 H04L 1/00 (11) EP3016302 (21) EP14817469.1 (47) 23.05.2018 (87) KR2014005698 31.12.2014 (22) 26.06.2014 | (54) ZEROING METHOD AND ZEROING DEVICE FOR OPTICAL-TIME DOMAIN REFLECTOMETER (73) ZTE Corporation (72) ZHU, Meidong XU, Han CHEN, Jianzhang LU, Jianxin (31) 201310120555 (32) 09.04.2013 (33) China |
| (51) H04B 7/185 H04B 17/10 H04W 72/04 H04W 24/08 (11) EP3169003 (21) EP16195099.3 (47) 23.05.2018 (22) 21.10.2016 | (54) METHOD FOR MANAGING A COMMUNICATION GROUP OF COMMUNICATION DEVICES (73) Motorola Solutions, Inc. (72) THOMAS, Shanthi E., BEKIARES, Tyrone D., KELLER, Matthew C., MILAUSNIC, Robert J., (31) 690587 (32) 23.03.2007 (33) United States of America | (51) H04B 10/116 H05B 37/02 (11) EP2659739 (21) EP11810673.1 (47) 23.05.2018 (87) IB2011055785 05.07.2012 (22) 19.12.2011 (54) SETTING UP HYBRID CODED-LIGHT - ZIGBEE LIGHTING SYSTEM (73) Philips Lighting Holding B.V. (72) WEDA, Johannes CUPPEN, Roel, Peter, Geert LUITJENS, Steven, Broeils SWINKELS, Stefan, Henricus (31) 10197222 (32) 29.12.2010 (33) European Patent Office (EPO) |
| (54) Short-Periodicity Carrier Acquisition for Satcom Interference Cancellation (73) Global Eagle Entertainment Inc. (72) Jayasimha, Sriram Paladugula, Jyothendar (31) 946492 (32) 15.11.2010 (33) United States of America | (54) METHOD FOR MANAGING A COMMUNICATION GROUP OF COMMUNICATION DEVICES (73) Motorola Solutions, Inc. (72) THOMAS, Shanthi E., BEKIARES, Tyrone D., KELLER, Matthew C., MILAUSNIC, Robert J., (31) 690587 (32) 23.03.2007 (33) United States of America | (54) SETTING UP HYBRID CODED-LIGHT - ZIGBEE LIGHTING SYSTEM (73) Philips Lighting Holding B.V. (72) WEDA, Johannes CUPPEN, Roel, Peter, Geert LUITJENS, Steven, Broeils SWINKELS, Stefan, Henricus (31) 10197222 (32) 29.12.2010 (33) European Patent Office (EPO) |
| (51) H04B 7/185 H04B 17/10 H04W 72/04 H04W 24/08 (11) EP3169003 (21) EP16195099.3 (47) 23.05.2018 (22) 21.10.2016 | (54) METHOD FOR MANAGING A COMMUNICATION GROUP OF COMMUNICATION DEVICES (73) Motorola Solutions, Inc. (72) THOMAS, Shanthi E., BEKIARES, Tyrone D., KELLER, Matthew C., MILAUSNIC, Robert J., (31) 690587 (32) 23.03.2007 (33) United States of America | (54) SETTING UP HYBRID CODED-LIGHT - ZIGBEE LIGHTING SYSTEM (73) Philips Lighting Holding B.V. (72) WEDA, Johannes CUPPEN, Roel, Peter, Geert LUITJENS, Steven, Broeils SWINKELS, Stefan, Henricus (31) 10197222 (32) 29.12.2010 (33) European Patent Office (EPO) |
| (54) METHOD FOR CHARACTERISING THE PERFORMANCE OF A PAYLOAD OF A SATELLITE IN ORBIT AND ASSOCIATED IOT TESTING SYSTEM (73) Thales (72) TESSANDORI, Stéphane-Olivier BOUSQUET, Emmanuel DURAND, Arnaud-Damien (31) 1502356 | (54) METHOD FOR MANAGING A COMMUNICATION GROUP OF COMMUNICATION DEVICES (73) Motorola Solutions, Inc. (72) THOMAS, Shanthi E., BEKIARES, Tyrone D., KELLER, Matthew C., MILAUSNIC, Robert J., (31) 690587 (32) 23.03.2007 (33) United States of America | (54) SETTING UP HYBRID CODED-LIGHT - ZIGBEE LIGHTING SYSTEM (73) Philips Lighting Holding B.V. (72) WEDA, Johannes CUPPEN, Roel, Peter, Geert LUITJENS, Steven, Broeils SWINKELS, Stefan, Henricus (31) 10197222 (32) 29.12.2010 (33) European Patent Office (EPO) |

| | | |
|---|--|---|
| (22) 05.02.2010 | (32) 10.01.2007 | (73) ZTE Corporation |
| (54) Clock recovery method and clock recovery arrangement for coherent polarisation multiplex receivers | (33) United States of America | (72) LU, Wei |
| (73) Xieon Networks S.à r.l. | (51) H04H 60/15 | SHANG, Yingchun |
| (72) Bianciotto, Alessandro | G06Q 30/00 | XIA, Huilong |
| Spinnler, Bernhard | (11) EP2555149 | SHI, Sheping |
| Napoli, Antonio | (21) EP11763063.2 | WANG, Lei |
| Hebebrand, Christina | (47) 23.05.2018 | (31) 201410030840 |
| (51) H04B 17/00 | (87) KR2011002252 | (32) 22.01.2014 |
| H04B 7/06 | 06.10.2011 | (33) China |
| (11) EP3133752 | (22) 31.03.2011 | (51) H04J 11/00 |
| (21) EP16161308.8 | (54) APPARATUS AND METHOD FOR THE COMPULSORY VIEWING OF ADVERTISEMENTS | H04B 1/7107 |
| (47) 23.05.2018 | (73) Samsung Electronics Co., Ltd | H04B 7/06 |
| (22) 21.11.2011 | (72) HWANG, Sung-oh | (11) EP2868016 |
| (54) FAILURE COMPENSATION METHOD AND APPARATUS FOR AN ACTIVE ANTENNA, AND ACTIVE ANTENNA DEVICE | SELEZNEV, Sergey Nikolayevich | (21) EP13737740.4 |
| (73) Huawei Technologies Co., Ltd. | SONG, Jae-yeon | (47) 23.05.2018 |
| (72) He, Pinghua | KANG, Bo-Gyeong | (87) US2013048330 |
| Chen, Jianjun | (31) 20100082192 | 03.01.2014 |
| Liu, Xueru | 20100058769 | (22) 27.06.2013 |
| (31) 201010557317 | 20100030635 | (54) TRANSMIT DIVERSITY INTERFERENCE SIGNAL COMBINING FOR INTERFERENCE CANCELLATION |
| (32) 22.11.2010 | (32) 24.08.2010 | (73) Qualcomm Incorporated |
| (33) China | 21.06.2010 | (72) HUANG, Yi |
| (51) H04B 17/00 | 02.04.2010 | LUO, Tao |
| H04B 17/391 | (33) Korea (Republic) | CHEN, Wanshi |
| (11) EP3028392 | Korea (Republic) | MALLIK, Siddhartha |
| (21) EP14832004.7 | Korea (Republic) | (31) 201261666680 P |
| (47) 23.05.2018 | (51) H04H 60/41 | 201313928256 |
| (87) US2014045647 | (11) EP2632065 | (32) 29.06.2012 |
| 05.02.2015 | (21) EP13156787.7 | 26.06.2013 |
| (22) 08.07.2014 | (47) 23.05.2018 | (33) United States of America |
| (54) METHODS, SYSTEMS AND COMPUTER READABLE MEDIA FOR SIMULATING PER USER EQUIPMENT (UE) DOPPLER SHIFTS FOR TESTING AIR INTERFACE DEVICES | (22) 26.02.2013 | United States of America |
| (73) Keysight Technologies Singapore (Holdings) Pte. Ltd. | (54) Reception apparatus and method of displaying broadcasting station | (51) H04L 1/00 |
| (72) DEVARASETTY, Prasada, Rao | (73) Alpine Electronics, Inc. | H04B 7/02 |
| YAN, Zhiyong | (72) Take, Shuji | H04B 7/155 |
| (31) 201361859771 P | (31) 2012039833 | H04L 25/03 |
| 201314049193 | (32) 27.02.2012 | H04B 7/026 |
| (32) 29.07.2013 | (33) Japan | H04L 5/14 |
| 08.10.2013 | (51) H04J 3/06 | (11) EP3161986 |
| (33) United States of America | (11) EP2130316 | (21) EP15756954.2 |
| United States of America | (21) EP08742152.5 | (47) 23.05.2018 |
| (51) H04H 20/57 | (47) 23.05.2018 | (87) FR2015051729 |
| H04L 12/18 | (87) US2008003648 | 30.12.2015 |
| H04L 29/08 | 25.09.2008 | (22) 25.06.2015 |
| H04W 80/06 | (22) 20.03.2008 | (54) METHOD FOR DYNAMIC AND SELECTIVE FD-DSDF TRANSMISSION OF A DIGITAL SIGNAL FOR A MAMRC SYSTEM WITH SEVERAL FULL-DUPLEX RELAYS, AND CORRESPONDING PROGRAM PRODUCT AND RELAY DEVICE |
| H04W 72/00 | (54) SYNCHRONOUS NETWORK DEVICE | (73) Orange |
| H04L 12/58 | (73) Marvell World Trade Ltd. | (72) MOHAMAD, Abdulaziz |
| (11) EP2103014 | (72) BARKAN, Ozdal | VISOZ, Raphaël |
| (21) EP08700224.2 | (31) 895861 P | BERTHET, Antoine |
| (47) 23.05.2018 | (32) 20.03.2007 | (31) 1456103 |
| (87) IB2008050051 | (33) United States of America | (32) 27.06.2014 |
| 17.07.2008 | (51) H04J 3/16 | (33) France |
| (22) 08.01.2008 | H04B 10/275 | (51) H04L 1/00 |
| (54) SYSTEM AND METHOD FOR IMPLEMENTING MBMS HANDOVER DURING DOWNLOAD DELIVERY | H04L 12/403 | H04L 1/18 |
| (73) Nokia Technologies Oy | H04L 7/00 | H04L 5/00 |
| (72) BOUAZIZI, Imed | H04L 12/42 | (11) EP2608616 |
| VEDANTHAM, Ramakrishna | H04Q 11/00 | (21) EP11818193.2 |
| (31) 884388 P | (11) EP3098987 | (47) 23.05.2018 |
| | (21) EP14879557.8 | (87) JP2011068548 |
| | (47) 23.05.2018 | 23.02.2012 |
| | (87) CN2014084128 | (22) 16.08.2011 |
| | 30.07.2015 | |
| | (22) 11.08.2014 | |
| | (54) TIME SLOT SYNCHRONIZATION TRAINING METHOD FOR OPTICAL BURST TRANSPORT NETWORK NODE, NODE DEVICE AND NETWORK | |

| | | |
|---|---|---|
| (54) MOBILE TERMINAL APPARATUS AND WIRELESS COMMUNICATION METHOD | H04L 5/00 H04L 27/26 | 23.08.2012 (22) 30.01.2012 |
| (73) NTT DOCOMO, INC. | (11) EP2191605 | (54) IMPLICITLY LINKING APERIODIC CHANNEL STATE INFORMATION (A-CSI) REPORTS TO CSI-REFERENCE SIGNAL (CSI-RS) RESOURCES |
| (72) KISHIYAMA, Yoshihisa TAKEDA, Kazuaki | (21) EP08793392.5 (47) 23.05.2018 | (73) Qualcomm Incorporated |
| (31) 2010225117 2010181944 | (87) KR2008004880 26.02.2009 | (72) GEIRHOFER, Stefan |
| (32) 04.10.2010 16.08.2010 | (22) 21.08.2008 | LUO, Tao |
| (33) Japan Japan | (54) APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING THE HYBRID- ARQ ACK/NACK SIGNAL IN MOBILE COMMUNICATION SYSTEM | CHEN, Wanshi GAAL, Peter XU, Hao |
| (51) H04L 1/00 H04L 5/00 H03M 13/11 H03M 13/33 H03M 13/00 | (73) Samsung Electronics Co., Ltd. (72) KIM, Young-Bum HAN, Jin-Kyu KWON, Hwan-Joon LEE, Ju-Ho | BHATTAD, Kapil JI, Tingfang |
| (11) EP2942890 (21) EP13876204.2 (47) 23.05.2018 | (31) 20070083876 20070093321 20080003910 | (31) 201161444568 P 201161444979 P 201161524034 P 201213359154 201213360348 |
| (87) CN2013072088 04.09.2014 | (32) 21.08.2007 | (32) 18.02.2011 21.02.2011 16.08.2011 |
| (22) 01.03.2013 | 13.09.2007 14.01.2008 | 26.01.2012 27.01.2012 |
| (54) METHOD, DEVICE AND SYSTEM FOR SYNCHRONIZING FORWARD ERROR CORRECTION CODE WORDS | (33) Korea (Republic) Korea (Republic) Korea (Republic) | (33) United States of America United States of America United States of America United States of America United States of America |
| (73) Huawei Technologies Co., Ltd. (72) SUN, Fanglin | | |
| (51) H04L 1/06 H04L 1/00 | (51) H04L 1/18 H04L 27/26 | United States of America |
| (11) EP2562952 (21) EP11178722.2 (47) 23.05.2018 | (11) EP2807779 (21) EP13740886.0 (47) 23.05.2018 | (51) H04L 5/00 H04L 1/00 (11) EP2720505 (21) EP12806873.1 (47) 23.05.2018 |
| (22) 24.08.2011 | (87) US2013020977 01.08.2013 | (87) CN2012078367 10.01.2013 |
| (54) A method and user equipment for determining channel state information | (22) 10.01.2013 | (22) 09.07.2012 |
| (73) BlackBerry Limited (72) Gupta, Chandra-Prakash Kosakowski, Martin Zielinski, Ernst Slawomir | (54) ACKNOWLEDGEMENT SIGNALING IN A WIRELESS COMMUNICATIONS NETWORK | (54) METHOD FOR TRANSMITTING AND RECEIVING UPLINK CONTROL SIGNALING AND RELATED DEVICE |
| (51) H04L 1/18 H04J 3/00 | (73) Intel Corporation (72) HE, Hong FWU, Jong-Kae | (73) Huawei Technologies Co., Ltd. (72) LIU, Jianghua LIU, Kunpeng |
| (11) EP2815530 (21) EP13749233.6 (47) 23.05.2018 | (31) 201261589774 P 201213630008 | (31) 201110189984 (32) 07.07.2011 |
| (87) KR2013001154 22.08.2013 | (32) 23.01.2012 28.09.2012 | (33) China |
| (22) 14.02.2013 | (33) United States of America United States of America | |
| (54) METHOD AND APPARATUS FOR TRANSMITTING UPLINK AND DOWNLINK DATA IN TDD SYSTEM | (51) H04L 5/00 (11) EP3186916 (21) EP14777403.8 (47) 23.05.2018 | (51) H04L 5/00 H04L 27/26 (11) EP3149879 (21) EP15748332.2 (47) 23.05.2018 |
| (73) Samsung Electronics Co., Ltd. (72) JI, Hyoung Ju CHO, Joon Young CHOI, Seung Hoon KIM, Young Bum LEE, Ju Ho | (87) SE2014050994 03.03.2016 | (87) US2015033818 10.12.2015 |
| (31) 201261598466 P 201261603459 P 201261607694 P | (22) 28.08.2014 | (22) 02.06.2015 |
| (32) 14.02.2012 27.02.2012 07.03.2012 | (54) NETWORK NODE AND METHOD FOR MANAGING TRANSMISSION OF CELL REFERENCE SYMBOLS | (54) HIGH EFFICIENCY ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) PHYSICAL LAYER (PHY) |
| (33) United States of America United States of America United States of America | (73) Telefonaktiebolaget LM Ericsson (publ) (72) SKÄRBY, Christian MÜLLER, Walter LAGERQVIST, Tomas | (73) Marvell World Trade Ltd. (72) LOU, Hui-ling ZHANG, Hongyuan SUN, Yakun XU, Mingguang CAO, Rui |
| (51) H04L 1/18 H04L 1/04 H04J 11/00 | (51) H04L 5/00 H04B 7/06 H04B 7/024 | (31) 201462006522 P 201462027425 P |
| | (11) EP2676396 (21) EP12702402.4 (47) 23.05.2018 | (32) 02.06.2014 22.07.2014 |
| | (87) US2012023174 | (33) United States of America |

| | | |
|---|---|---|
| United States of America | H04L 29/12 | (51) H04L 9/08 |
| (51) H04L 5/00 | (11) EP2661011 | H04W 12/04 |
| H04W 74/08 | (21) EP11854330.5 | (11) EP2533458 |
| (11) EP2671343 | (47) 23.05.2018 | (21) EP12170733.5 |
| (21) EP12702871.0 | (87) CN2011077976 | (47) 23.05.2018 |
| (47) 23.05.2018 | 05.07.2012 | (22) 04.06.2012 |
| (87) GB2012050214 | (22) 03.08.2011 | (54) Method of generating a secret key for a |
| 09.08.2012 | (54) METHOD AND NETWORK DEVICE FOR | wireless communication system |
| (22) 01.02.2012 | DETECTING IP ADDRESS CONFLICT | (73) Commissariat à l'Énergie Atomique et aux |
| (54) INSERTING VIRTUAL CARRIER | (73) Huawei Technologies Co., Ltd. | Énergies Alternatives |
| IN CONVENTIONAL OFDM HOST | (72) CAO, Zhen | (72) Hennebert, Christine |
| CARRIER | TANG, Shi | (31) 1154919 |
| (73) SCA IPLA Holdings Inc. | PAN, Jun | (32) 07.06.2011 |
| (72) MCNAMARA, Darren | SUN, Zhijian | (33) France |
| LILLIE, Andrew | SHEN, Hua | (51) H04L 9/30 |
| DARWOOD, Peter | (31) 201010615708 | H04L 9/32 |
| BEALE, Martin | (32) 30.12.2010 | G06F 21/33 |
| (31) 201101980 | (33) China | G06Q 20/38 |
| (32) 04.02.2011 | (51) H04L 9/08 | G06Q 20/40 |
| (33) United Kingdom | (11) EP2652899 | H04L 29/06 |
| (51) H04L 7/04 | (21) EP11817383.0 | H04L 9/08 |
| (11) EP2547032 | (47) 23.05.2018 | (11) EP2847925 |
| (21) EP11401548.0 | (87) FR2011053040 | (21) EP12874091.7 |
| (47) 23.05.2018 | 21.06.2012 | (47) 23.05.2018 |
| (22) 12.07.2011 | (22) 16.12.2011 | (87) US2012032754 |
| (54) Method for data package processing at very | (54) METHOD AND SYSTEM FOR | 17.10.2013 |
| high data rates and in extremely bad transfer | CONDITIONAL ACCESS TO A DIGITAL | (22) 09.04.2012 |
| conditions | CONTENT, ASSOCIATED TERMINAL | (54) ONLINE IDENTIFICATION AND |
| (73) ADVA Optical Networking SE | AND SUBSCRIBER DEVICE | AUTHENTICATION |
| (72) Lawin, Mirko | (73) Cryptoexperts SAS | (73) Intel Corporation |
| (51) H04L 9/00 | (72) DELERABLEE, Cécile | (72) WALKER, Jesse |
| (11) EP1872216 | GOUGET, Aline | PRAKASH, Gyan |
| (21) EP06749896.4 | PAILLIER, Pascal | STANASOLOVICH, David |
| (47) 23.05.2018 | (31) 1060770 | GREGG, James R. |
| (87) US2006013671 | (32) 17.12.2010 | (51) H04L 9/32 |
| 19.10.2006 | (33) France | H04L 29/06 |
| (22) 11.04.2006 | (51) H04L 9/08 | G06F 21/53 |
| (54) SYSTEM AND METHOD FOR | H04L 12/46 | G06F 21/33 |
| DETECTING PEER-TO-PEER NETWORK | H04L 29/08 | G06F 21/42 |
| SOFTWARE | H04L 29/06 | H04L 9/08 |
| (73) Kroll Information Assurance, LLC | (11) EP3228059 | (11) EP2991268 |
| (72) HOPKINS, Samuel, P. | (21) EP14907529.3 | (21) EP14868710.6 |
| (31) 103818 | (47) 23.05.2018 | (47) 23.05.2018 |
| (32) 12.04.2005 | (87) SE2014051453 | (87) CN2014095294 |
| (33) United States of America | 09.06.2016 | 28.01.2016 |
| (51) H04L 9/00 | (22) 04.12.2014 | (22) 29.12.2014 |
| G06F 21/56 | (54) SECURE CONNECTIONS | (54) DATA PROCESSING METHOD AND |
| G06F 21/53 | ESTABLISHMENT | APPARATUS |
| G06F 21/57 | (73) Telefonaktiebolaget LM Ericsson (publ) | (73) Huawei Technologies Co., Ltd. |
| G06F 21/62 | (72) SETHI, Mohit | (72) HUA, Zhichao |
| (11) EP1842317 | SALMELA, Patrik | XIA, Yubin |
| (21) EP06734006.7 | (51) H04L 9/08 | CHEN, Haibo |
| (47) 23.05.2018 | H04L 29/06 | (31) 201410361410 |
| (87) US2006003068 | (11) EP2039053 | (32) 25.07.2014 |
| 03.08.2006 | (21) EP07789834.4 | (33) China |
| (22) 27.01.2006 | (47) 23.05.2018 | (51) H04L 12/14 |
| (54) METHODS AND APPARATUS | (87) IB2007052530 | H04M 17/00 |
| PROVIDING SECURITY FOR MULTIPLE | 03.01.2008 | H04W 4/24 |
| OPERATIONAL STATES OF A | (22) 29.06.2007 | G06Q 40/00 |
| COMPUTERIZED DEVICE | (54) METHOD AND APPARATUS FOR | G06Q 10/10 |
| (73) Cisco Technology, Inc. | ENCRYPTING/DECRYPTING DATA | G06Q 40/02 |
| (72) MALVER, Debra, L. | (73) Koninklijke Philips N.V. | (11) EP2436145 |
| KRAEMER, Jeffrey, Albin | (72) CELIK, Mehmet, U. | (21) EP09786410.2 |
| (31) 46302 | SKORIC, Boris | (47) 23.05.2018 |
| (32) 28.01.2005 | TUYLS, Pim, T. | (87) IB2009052293 |
| (33) United States of America | (31) 06116450 | 09.12.2010 |
| (51) H04L 9/06 | (32) 30.06.2006 | (22) 30.05.2009 |
| | (33) European Patent Office (EPO) | |

| | | |
|--|--|--|
| (54) MAINTAINING CHARGING STATE DURING FINAL UNIT REDIRECT IN CREDIT-CONTROL SYSTEMS | H04W 72/04 H04W 76/02 H04W 88/02 | (73) Panasonic Corporation |
| (73) Telefonaktiebolaget LM Ericsson (publ) | H04W 88/08 | (72) OHTA, Yuusaku |
| (72) KARLSSON, Marcus | H04W 92/18 | NISHIOKA, Shinichiro |
| (51) H04L 12/18 | (11) EP2914056 | (31) 2011072949 |
| H04L 12/801 | (21) EP13852248.7 | (32) 29.03.2011 |
| H04L 29/08 | (47) 23.05.2018 | (33) Japan |
| (11) EP2830269 | (87) JP2013077816 | (51) H04L 12/46 |
| (21) EP13807242.6 | 08.05.2014 | H02H 7/26 |
| (47) 23.05.2018 | (22) 11.10.2013 | H04B 3/54 |
| (87) CN2013081778 | (54) APPARATUSES AND METHOD FOR DEVICE-TO-DEVICE (D2D) COMMUNICATIONS IN A MOBILE COMMUNICATION SYSTEM | H04L 29/08 |
| 27.12.2013 | (73) KYOCERA Corporation | G06F 17/30 |
| (22) 19.08.2013 | (72) FUKUTA, Noriyoshi | G05B 15/02 |
| (54) MESSAGE PROCESSING METHOD AND DEVICE | (31) 201261719612 P | G05F 1/66 |
| (73) ZTE Corporation | (32) 29.10.2012 | H02J 13/00 |
| Sanechips Technology Co., Ltd. | (33) United States of America | H04L 12/10 |
| (72) GAO, Jiwei | (51) H04L 12/28 | H04L 12/18 |
| HUANG, Wei | (11) EP2559199 | H04W 4/06 |
| (31) 201210387704 | (21) EP11717389.8 | H04W 88/16 |
| (32) 12.10.2012 | (47) 23.05.2018 | H04L 12/28 |
| (33) China | (87) US2011032148 | (11) EP2688251 |
| (51) H04L 12/24 | 20.10.2011 | (21) EP12005218.8 |
| (11) EP2908479 | (22) 12.04.2011 | (47) 23.05.2018 |
| (21) EP12887328.8 | (54) METHOD AND APPARATUS FOR MANAGING LOCAL INTERNET PROTOCOL OFFLOAD | (22) 16.07.2012 |
| (47) 23.05.2018 | (73) Qualcomm Incorporated | (54) Process and bridge-IED, Intelligent Electronic Device, adapted to route messages between sub-networks |
| (87) CN2012083747 | (72) HORN, Gavin Bernard | (73) ABB Schweiz AG |
| 08.05.2014 | GIARETTA, Gerardo | (72) Bükler, Horst |
| (22) 30.10.2012 | (31) 201113080479 | (51) H04L 12/54 |
| (54) METHOD, APPARATUS AND SYSTEM FOR IMPLEMENTING TUNNEL PROCESSING | 371135 P | H04L 12/42 |
| (73) Huawei Technologies Co., Ltd. | 323777 P | H04L 12/703 |
| (72) WANG, Yan | (32) 05.04.2011 | H04L 12/723 |
| HU, Weihua | 05.08.2010 | H04L 12/801 |
| (51) H04L 12/24 | 13.04.2010 | (11) EP2784989 |
| (11) EP2985949 | (33) United States of America | (21) EP12858208.7 |
| (21) EP14306276.8 | United States of America | (47) 23.05.2018 |
| (47) 23.05.2018 | United States of America | (87) CN2012082604 |
| (22) 14.08.2014 | (51) H04L 12/437 | 20.06.2013 |
| (54) Correlation engine comprising root cause and service impact analyses | B61L 19/06 | (22) 09.10.2012 |
| (73) Hewlett Packard Enterprise Development LP | B61L 27/00 | (54) METHOD AND DEVICE FOR PROCESSING SERVICES IN A MULTI-PROTOCOL LABEL SWITCHING NETWORK |
| (72) Masse, Pierre | H04L 12/46 | (73) Huawei Technologies Co., Ltd. |
| (51) H04L 12/24 | (11) EP2242214 | (72) ZHANG, Wenyang |
| H04L 12/741 | (21) EP09176333.4 | CAI, Hengguang |
| H04L 12/931 | (47) 23.05.2018 | YE, Jian |
| H04L 12/437 | (22) 18.11.2009 | YANG, Yang |
| H04L 12/759 | (54) Redundancy method for a specialised data network | (31) 201110424163 |
| H04L 12/707 | (73) Siemens Schweiz AG | (32) 16.12.2011 |
| H04L 12/703 | (72) Müller, Thomas | (33) China |
| (11) EP2541842 | (31) 08171215 | (51) H04L 12/58 |
| (21) EP10846512.1 | (32) 10.12.2008 | G06Q 10/00 |
| (47) 23.05.2018 | (33) European Patent Office (EPO) | (11) EP1657871 |
| (87) JP2010052978 | (51) H04L 12/46 | (21) EP05110419.8 |
| 01.09.2011 | (11) EP2693703 | (47) 23.05.2018 |
| (22) 25.02.2010 | (21) EP12765429.1 | (22) 07.11.2005 |
| (54) COMMUNICATIONS DEVICE AND ADDRESS LEARNING METHOD | (47) 23.05.2018 | (54) Integrated electronic mail and instant messaging application |
| (73) Mitsubishi Electric Corporation | (87) JP2012000515 | (73) Microsoft Technology Licensing, LLC |
| (72) KITAICHI, Ryuichi | 04.10.2012 | (72) Little, Charles Reeves, c/o Microsoft Corporation |
| KASHIMA, Kazuyuki | (22) 27.01.2012 | Qureshi, Imran I., Microsoft Corporation |
| KITAYAMA, Kenji | (54) TRANSFER CONTROL DEVICE, INTEGRATED CIRCUIT THEREOF, TRANSFER CONTROL METHOD, AND TRANSFER CONTROL SYSTEM | Fluegel, Jason C., c/o Microsoft Corporation |
| (51) H04L 12/24 | | Voskuhl, Justin B., c/o Microsoft Corporation |
| H04W 48/08 | | Birman, Mikhail, c/o Microsoft Corporation |
| H04W 68/00 | | (31) 985394 |
| | | (32) 10.11.2004 |

| | | |
|---|---|--|
| (33) United States of America | H04L 12/721 | (32) 26.05.2012 |
| (51) H04L 12/58 | H04L 12/715 | (33) China |
| H04L 12/18 | (11) EP3055955 | (51) H04L 12/801 |
| (11) EP2641363 | (21) EP13774688.9 | H04L 29/06 |
| (21) EP10782240.5 | (47) 23.05.2018 | H04L 12/853 |
| (47) 23.05.2018 | (87) EP2013071354 | (11) EP2761833 |
| (87) EP2010067570 | 16.04.2015 | (21) EP12762022.7 |
| 24.05.2012 | (22) 11.10.2013 | (47) 23.05.2018 |
| (22) 16.11.2010 | (54) CENTRALIZED DATA PATH | (87) GB2012000718 |
| (54) MESSAGE TARGETING PLATFORM | ESTABLISHMENT AUGMENTED WITH | 04.04.2013 |
| (73) Telefonaktiebolaget LM Ericsson (publ) | DISTRIBUTED CONTROL MESSAGING | (22) 14.09.2012 |
| (72) JOHNSTON, Andrew | (73) Xieon Networks S.à r.l. | (54) BANDWIDTH MANAGEMENT FOR |
| (51) H04L 12/58 | (72) HUANG, Kaiyuan | CONTENT DELIVERY |
| H04M 3/42 | (51) H04L 12/721 | (73) British Telecommunications public limited |
| H04M 3/493 | H04L 12/709 | company |
| H04W 4/02 | H04L 12/803 | (72) RIZZO, Michael |
| H04W 4/12 | (11) EP2498454 | (31) 11250834 |
| H04L 29/08 | (21) EP10834243.7 | (32) 30.09.2011 |
| H04M 3/487 | (47) 23.05.2018 | (33) European Patent Office (EPO) |
| H04M 3/533 | (87) CN2010079475 | (51) H04L 12/857 |
| (11) EP2040446 | 09.06.2011 | H04W 28/02 |
| (21) EP08170581.6 | (22) 06.12.2010 | H04W 28/18 |
| (47) 23.05.2018 | (54) METHOD, DEVICE AND SYSTEM FOR | H04W 28/06 |
| (22) 12.07.2001 | PROCESSING SERVICE TRAFFIC BASED | H04W 88/06 |
| (54) System for leaving and retrieving messages | ON PSEUDO WIRES | (11) EP2941043 |
| (73) Google LLC | (73) Huawei Technologies Co., Ltd. | (21) EP13873635.0 |
| (72) Jenkins, Michal D. | (72) ZHOU, Peng | (47) 23.05.2018 |
| (31) 732170 | SHI, Tijun | (87) CN2013083257 |
| (32) 06.12.2000 | (31) 200910252928 | 07.08.2014 |
| (33) United States of America | (32) 04.12.2009 | (22) 11.09.2013 |
| (51) H04L 12/66 | (33) China | (54) METHOD, DEVICE, AND SYSTEM |
| H04L 12/46 | (51) H04L 12/721 | FOR MULTI-STANDARD NETWORK |
| H04L 12/24 | H04W 40/24 | CONVERGENCE |
| H04W 76/00 | H04L 12/751 | (73) Huawei Technologies Co., Ltd. |
| H04L 12/64 | H04L 12/733 | (72) GAO, Lei |
| H04W 76/02 | (11) EP3200404 | XIA, Linfeng |
| (11) EP3010186 | (21) EP14902333.5 | (31) 201310039115 |
| (21) EP15192231.7 | (47) 23.05.2018 | (32) 31.01.2013 |
| (47) 23.05.2018 | (87) CN2014093490 | (33) China |
| (22) 26.05.2009 | 31.03.2016 | (51) H04L 12/863 |
| (54) TUNNEL MANAGEMENT METHOD, | (22) 10.12.2014 | H04L 12/851 |
| TUNNEL MANAGEMENT APPARATUS, | (54) CONTENT-CENTRIC NETWORK ON- | H04L 12/54 |
| AND COMMUNICATIONS SYSTEM | DEMAND DISTANCE VECTOR ROUTE | H04W 72/12 |
| (73) Nokia Technologies Oy | METHOD | H04L 12/869 |
| (72) Yin, Yu | (73) Institute of Acoustics, Chinese Academy of | H04L 12/865 |
| (31) 200810132421 | Sciences | H04L 12/935 |
| (32) 16.07.2008 | (72) WANG, Jinlin | (11) EP2950490 |
| (33) China | QI, Weining | (21) EP14743439.3 |
| (51) H04L 12/703 | YOU, Jiali | (47) 23.05.2018 |
| H04L 12/721 | WANG, Lingfang | (87) CN2014070042 |
| H04L 12/707 | (31) 201410492153 | 31.07.2014 |
| H04L 29/08 | (32) 23.09.2014 | (22) 02.01.2014 |
| H04L 12/24 | (33) China | (54) HIERARCHICAL SERVICE QUALITY |
| (11) EP3029893 | (51) H04L 12/741 | SCHEDULING METHOD AND |
| (21) EP13893154.8 | (11) EP2846585 | APPARATUS |
| (47) 23.05.2018 | (21) EP13797659.3 | (73) ZTE Corporation |
| (87) CN2013082868 | (47) 23.05.2018 | (72) CAO, Dengyuan |
| 12.03.2015 | (87) CN2013073237 | (31) 201310031861 |
| (22) 03.09.2013 | 05.12.2013 | (32) 28.01.2013 |
| (54) METHOD, CONTROLLER, DEVICE AND | (22) 27.03.2013 | (33) China |
| SYSTEM FOR PROTECTING SERVICE | (54) DATA TRANSMITTING AND | (51) H04L 12/901 |
| PATH | FORWARDING METHOD, DEVICE, AND | H04W 36/00 |
| (73) Huawei Technologies Co., Ltd. | SYSTEM | H04W 36/30 |
| (72) LI, Gang | (73) Huawei Technologies Co., Ltd. | H04W 8/20 |
| LIN, Yi | (72) ZHOU, Ziquan | H04W 8/18 |
| HAN, Jianrui | YANG, Xun | H04L 12/701 |
| (51) H04L 12/717 | YANG, Lvxi | H04W 24/02 |
| | (31) 201210166763 | H04W 88/08 |

| | | |
|--|--|-------------------------------------|
| (11) EP3107351 | (32) 08.11.2001 | (72) PAKA, Anand |
| (21) EP14884688.4 | (33) United States of America | KLEMETS, Anders, E. |
| (47) 23.05.2018 | (51) H04L 27/26 | OLIVEIRA, Eduardo, P. |
| (87) CN2014072889 | H04B 1/00 | BHATT, Sanjay |
| 11.09.2015 | H04B 1/16 | (31) 176058 |
| (22) 05.03.2014 | H04B 1/403 | (32) 07.07.2005 |
| (54) DATA FORWARDING CONTROL | H04B 7/0413 | (33) United States of America |
| METHOD, CONTROLLER AND ACCESS | (11) EP1700441 | (51) H04L 29/06 |
| POINT | (21) EP04815157.5 | (11) EP2225866 |
| (73) Huawei Technologies Co., Ltd. | (47) 23.05.2018 | (21) EP08864475.2 |
| (72) LUO, Jun | (87) US2004043042 | (47) 23.05.2018 |
| ZHANG, Jiayin | 21.07.2005 | (87) EP2008011014 |
| NI, Rui | (22) 20.12.2004 | 02.07.2009 |
| (51) H04L 25/02 | (54) QUASI-PARALLEL MULTICHANNEL | (22) 22.12.2008 |
| (11) EP2456151 | RECEIVERS FOR WIDEBAND | (54) METHOD AND SYSTEM FOR |
| (21) EP10811592.4 | ORTHOGONAL FREQUENCY DIVISION | TRANSMITTING A MULTIMEDIA |
| (47) 23.05.2018 | MULTIPLEXED COMMUNICATIONS | STREAM |
| (87) JP2010060294 | AND ASSOCIATED METHODS | (73) Koninklijke KPN N.V. |
| 03.03.2011 | (73) Intel Corporation | (72) STOKKING, Hans Maarten |
| (22) 17.06.2010 | (72) MALTSEV, Alexander | VAN DEVENTER, Mattijs Oskar |
| (54) DATA COMMUNICATION APPARATUS | SADRI, Ali | WALRAVEN, Fabian Arthur |
| (73) Thine Electronics, Inc. | SERGEYEV, Sergey | NIAMUT, Omar Aziz |
| (72) YAMASAKI Daisuke | BELONozHKIN, Alexander | (31) 8644 P |
| (31) 2009195085 | SERGEYEV, Vadim | 08002517 |
| (32) 26.08.2009 | (31) 749902 | (32) 21.12.2007 |
| (33) Japan | (32) 29.12.2003 | 12.02.2008 |
| (51) H04L 25/02 | (33) United States of America | (33) United States of America |
| H04L 27/00 | (51) H04L 27/38 | European Patent Office (EPO) |
| (11) EP2339802 | H04B 10/2507 | (51) H04L 29/06 |
| (21) EP10014882.4 | H04B 10/61 | H04L 12/28 |
| (47) 23.05.2018 | (11) EP2942917 | H04W 12/08 |
| (22) 23.11.2010 | (21) EP14752142.1 | H04L 29/08 |
| (54) Method and device for joint assessment of | (47) 23.05.2018 | H04W 12/06 |
| multiple parameters of a transmission channel | (87) JP2014053279 | (11) EP3035630 |
| (73) Rohde & Schwarz GmbH & Co. KG | 21.08.2014 | (21) EP15173199.9 |
| (72) Volyanskiy, Mikhail | (22) 13.02.2014 | (47) 23.05.2018 |
| Nitsch, Bernhard, Dr. | (54) OPTICAL TRANSMISSION SYSTEM, | (22) 22.06.2015 |
| (31) 102009060156 | PHASE COMPENSATION METHOD, | (54) SECURE LOCAL AREA NETWORK |
| 102010006045 | AND OPTICAL RECEPTION DEVICE | SYSTEM AND ACCESS METHOD |
| (32) 23.12.2009 | (73) Nippon Telegraph and Telephone | THEREOF BASED ON A TRUSTED LIST |
| 28.01.2010 | Corporation | AND ACCOUNT INFORMATION |
| (33) Germany | (72) YOSHIDA Mitsuteru | (73) Compal Broadband Networks Inc. |
| Germany | YAMAZAKI Etsushi | (72) Su, Jian-Hao |
| (51) H04L 25/49 | OKAMOTO Seiji | (31) 103144554 |
| H04B 1/04 | UZAWA Hiroyuki | (32) 19.12.2014 |
| H03F 1/32 | HORIKOSHI Kengo | (33) Taiwan, Province of China |
| (11) EP3018874 | ISHIHARA Koichi | (51) H04L 29/06 |
| (21) EP13900178.8 | KOBAYASHI Takayuki | H04L 12/70 |
| (47) 23.05.2018 | KISAKA Yoshiaki | (11) EP2732597 |
| (87) CN2013090243 | TOMIZAWA Masahito | (21) EP12737979.0 |
| 02.07.2015 | FUJIWARA Naoki | (47) 23.05.2018 |
| (22) 23.12.2013 | KATAOKA Tomoyoshi | (87) US2012046073 |
| (54) WIRELESS TRANSCEIVER | YONENAGA Kazushige | 31.01.2013 |
| (73) Huawei Technologies Co., Ltd. | (31) 2013025924 | (22) 10.07.2012 |
| (72) YANG, Ganghua | (32) 13.02.2013 | (54) PLACEMENT OF SERVICE DELIVERY |
| BAO, Hongqiang | (33) Japan | LOCATIONS OF A DISTRIBUTED |
| (51) H04L 27/00 | (51) H04L 29/06 | COMPUTING SERVICE BASED ON A |
| (11) EP1457011 | (11) EP1899838 | LOGICAL TOPOLOGY |
| (21) EP02780594.4 | (21) EP06773758.5 | (73) Cisco Technology, Inc. |
| (47) 23.05.2018 | (47) 23.05.2018 | (72) MERRILL, Joshua |
| (87) US2002035936 | (87) US2006024293 | DAI, Huida |
| 15.05.2003 | 18.01.2007 | ZHU, Jiang |
| (22) 07.11.2002 | (22) 22.06.2006 | KAPUR, Sukhdev |
| (54) FREQUENCY TRACKING USING PILOT | (54) CARRYING PROTECTED CONTENT | BANERJEE, Subrata |
| AND NON-PILOT SYMBOLS | USING A CONTROL PROTOCOL FOR | ELDER, Danny |
| (73) QUALCOMM INCORPORATED | STREAMING AND A TRANSPORT | GANESAN, Ashok |
| (72) SENDONARIS, Andrew | PROTOCOL | ZHANG, Shujin |
| (31) 6903 | (73) Microsoft Technology Licensing, LLC | MEDVED, Jan |

| | | |
|--|---|---|
| (31) 201113180331 | H04L 12/18 | 18.05.2007 |
| (32) 11.07.2011 | H04N 7/173 | (22) 08.11.2006 |
| (33) United States of America | (11) EP2334073 | (54) METHODS AND APPARATUS FOR |
| (51) H04L 29/06 | (21) EP10192679.8 | DELIVERING REGIONAL PARAMETERS |
| H04L 29/12 | (47) 23.05.2018 | (73) QUALCOMM Incorporated |
| H04L 9/08 | (22) 26.11.2010 | (72) WALKER, Gordon, Kent |
| H04W 8/00 | (54) Internet protocol multicast content delivery | COLLINS, Bruce |
| H04W 4/08 | (73) Comcast Cable Communications, LLC | PAZOS, Carlos, Marcelo, Dias |
| H04W 4/00 | (72) Field, Brian E. | (31) 270210 |
| (11) EP2601772 | (31) 635980 | (32) 08.11.2005 |
| (21) EP11754550.9 | (32) 11.12.2009 | (33) United States of America |
| (47) 23.05.2018 | (33) United States of America | (51) H04L 29/08 |
| (87) JP2011068001 | (51) H04L 29/06 | (11) EP2716014 |
| 09.02.2012 | H04W 12/04 | (21) EP12794054.2 |
| (22) 01.08.2011 | (11) EP2282472 | (47) 23.05.2018 |
| (54) GROUP SECURITY IN MACHINE-TYPE | (21) EP09165512.6 | (87) FI2012050334 |
| COMMUNICATION | (47) 23.05.2018 | 06.12.2012 |
| (73) NEC Corporation | (22) 15.07.2009 | (22) 03.04.2012 |
| (72) PRASAD, Raghawa | (54) System and method for exchanging | (54) METHOD AND APPARATUS FOR |
| ZHANG, Xiaowei | key generation parameters for secure | ROUTING NOTIFICATION MESSAGES |
| (31) 2010176115 | communications | (73) Nokia Technologies Oy |
| (32) 05.08.2010 | (73) BlackBerry Limited | (72) GRIGORIEV, Nikolai |
| (33) Japan | (72) Dean, Edward | (31) 201113149421 |
| (51) H04L 29/06 | Diaz, Roberto | (32) 31.05.2011 |
| H04L 29/12 | Godfrey, James | (33) United States of America |
| H04W 8/04 | (51) H04L 29/06 | (51) H04L 29/08 |
| (11) EP2321946 | H04W 12/04 | G06F 17/30 |
| (21) EP09781333.1 | H04W 12/10 | H04L 29/12 |
| (47) 23.05.2018 | H04L 9/08 | H04L 12/721 |
| (87) EP2009059925 | H04L 9/32 | H04L 12/741 |
| 04.02.2010 | (11) EP3090522 | H04L 12/745 |
| (22) 31.07.2009 | (21) EP14828159.5 | (11) EP2323346 |
| (54) METHOD, APPARATUS, SYSTEM AND | (47) 23.05.2018 | (21) EP10186371.0 |
| COMPUTER PROGRAM PRODUCT FOR | (87) EP2014079087 | (47) 23.05.2018 |
| SUPPORTING LEGACY P-CSCF TO | 09.07.2015 | (22) 04.10.2010 |
| INDICATE TO THE S-CSCF TO SKIP | (22) 22.12.2014 | (54) Adaptive multi-interface use for content |
| AUTHENTICATION | (54) METHOD OF SECURE TRANSMISSION | networking |
| (73) Nokia Solutions and Networks Oy | OF PUSH MESSAGES | (73) Cisco Technology, Inc. |
| (72) SHEN, Jiadong | (73) Gemalto SA | (72) Thornton, James D. |
| (31) PCT/EP2008/060148 | (72) CHAN, Keng Kun | Jacobson, Van L. |
| (32) 01.08.2008 | SHARMA, Vikram | (31) 603336 |
| (33) World Intellectual Property Office (WIPO) | LI, Zhiping | (32) 21.10.2009 |
| (51) H04L 29/06 | ILMY, Muhammad Bahari | (33) United States of America |
| H04N 7/173 | (31) 13306902 | (51) H04L 29/08 |
| H04N 5/205 | (32) 31.12.2013 | H04L 12/28 |
| (11) EP2422505 | (33) European Patent Office (EPO) | H04W 4/00 |
| (21) EP10717360.1 | (51) H04L 29/06 | H04W 76/02 |
| (47) 23.05.2018 | H04W 12/06 | H04W 84/12 |
| (87) US2010031911 | (11) EP2572490 | H04W 84/20 |
| 28.10.2010 | (21) EP11728815.9 | (11) EP3068104 |
| (22) 21.04.2010 | (47) 23.05.2018 | (21) EP14812703.8 |
| (54) AUTOMATIC ADJUSTMENTS FOR | (87) EP2011060489 | (47) 23.05.2018 |
| VIDEO POST-PROCESSOR BASED ON | 26.01.2012 | (87) CN2014074730 |
| ESTIMATED QUALITY OF INTERNET | (22) 22.06.2011 | 07.05.2015 |
| VIDEO CONTENT | (54) METHOD FOR REGISTERING A | (22) 03.04.2014 |
| (73) Marvell International Ltd. | WIRELESS COMMUNICATION | (54) SHARING METHOD AND SYSTEM FOR |
| (72) BHASKARAN, Vasudev | DEVICE AT A BASE DEVICE AND | MEDIA FILE |
| BISWAS, Mainak | CORRESPONDING SYSTEM | (73) Huizhou TCL Mobile Communication Co., |
| BALRAM, Nikhil | (73) Siemens Aktiengesellschaft | Ltd. |
| (31) 171234 P | (72) FALK, Rainer | (72) YANG, Rui |
| (32) 21.04.2009 | (31) 102010031931 | (31) 201310539605 |
| (33) United States of America | (32) 22.07.2010 | (32) 04.11.2013 |
| (51) H04L 29/06 | (33) Germany | (33) China |
| H04N 21/239 | (51) H04L 29/08 | (51) H04L 29/08 |
| H04N 21/258 | (11) EP1946600 | H04L 12/743 |
| H04N 21/472 | (21) EP06839780.1 | (11) EP3176994 |
| H04N 21/61 | (47) 23.05.2018 | (21) EP16199629.3 |
| H04N 21/6405 | (87) US2006060690 | (47) 23.05.2018 |

| | | |
|--|--|--|
| (22) 18.11.2016 | (54) METHODS AND SYSTEMS FOR PROVIDING TRANSLATIONS OF DATA RETRIEVED FROM A STORAGE SYSTEM IN A CLOUD COMPUTING ENVIRONMENT | PRESENCE QUALIFIED E.164 NUMBER MAPPING (ENUM) SERVICE IN A COMMUNICATIONS NETWORK |
| (54) EXPLICIT CONTENT DELETION COMMANDS IN A CONTENT CENTRIC NETWORK | (73) Cisco Technology, Inc. | (73) Tekelec, Inc. |
| (73) WOOD, Christopher A. SCOTT, Glenn C. | (72) Citrix Systems, Inc. | (72) MARSICO, Peter |
| (31) 201514957492 | (72) UMBEHOCKER, Steven, Michael | (31) 132402 |
| (32) 02.12.2015 | LOWE, Bruce, Charles | 671869 P |
| (33) United States of America | (31) 149812 P | (32) 18.05.2005 |
| (51) H04L 29/08 | 149781 P | 15.04.2005 |
| H04L 29/06 | (32) 04.02.2009 | (33) United States of America |
| (11) EP2417752 | 04.02.2009 | United States of America |
| (21) EP10717082.1 | (33) United States of America | (51) H04M 1/02 |
| (47) 23.05.2018 | United States of America | H04M 1/18 |
| (87) EP2010054805 | (51) H04L 29/08 | G06F 1/16 |
| 21.10.2010 | H04M 3/42 | (11) EP2911370 |
| (22) 13.04.2010 | H04M 3/493 | (21) EP13847133.9 |
| (54) TRANSMITTING AND RECEIVING DATA | (11) EP2652977 | (47) 23.05.2018 |
| (73) Skype | (21) EP10860640.1 | (87) JP2013003727 |
| (72) HIE, Magnus | (47) 23.05.2018 | 24.04.2014 |
| (31) 0906414 | (87) SE2010051419 | (22) 13.06.2013 |
| (32) 14.04.2009 | 21.06.2012 | (54) MOBILE TERMINAL DEVICE |
| (33) United Kingdom | (22) 17.12.2010 | (73) NEC Corporation |
| (51) H04L 29/08 | (54) SERVER AND METHOD FOR CONVEYING A SET OF CONTACT IDENTIFICATION DATA TO A USER EQUIPMENT | (72) MICHINO, Ryota |
| H04L 29/06 | (73) Telefonaktiebolaget LM Ericsson (publ) | (31) 2012230555 |
| (11) EP2321943 | (72) KVERNVIK, Tor | (32) 18.10.2012 |
| (21) EP09787215.4 | BJÖRK, Jonas | (33) Japan |
| (47) 23.05.2018 | LIDSTRÖM, Mattias | (51) H04M 1/03 |
| (87) IB2009054057 | (51) H04L 29/12 | H04M 1/60 |
| 04.03.2010 | (11) EP3068112 | (11) EP2574015 |
| (22) 19.08.2009 | (21) EP15158591.6 | (21) EP11182312.6 |
| (54) IN-BAND DPI MEDIA RESERVATION MODIFICATIONS TO RFC 3313 | (47) 23.05.2018 | (47) 23.05.2018 |
| (73) Alcatel Lucent | (22) 11.03.2015 | (22) 22.09.2011 |
| (72) DOLGANOW, Andrew MORIN, Steven, Edward | (54) SYSTEM AND METHOD FOR MAC ADDRESS ACQUISITION | (54) Mobile communication device with receiver speaker |
| (31) 200598 | (73) Advanced Digital Broadcast S.A. | (73) BlackBerry Limited |
| (32) 28.08.2008 | (72) Dabrowski, Bartosz | (72) Chen, Chao |
| (33) United States of America | (51) H04L 29/12 | Huang, Li |
| (51) H04L 29/08 | H04L 12/24 | Kaufman, Dan |
| H04L 29/06 | H04L 12/939 | (51) H04M 1/57 |
| (11) EP2890090 | H04L 12/931 | (11) EP2326069 |
| (21) EP15154876.5 | (11) EP2549716 | (21) EP10006694.3 |
| (47) 23.05.2018 | (21) EP12165133.5 | (47) 23.05.2018 |
| (22) 13.04.2010 | (47) 23.05.2018 | (22) 28.06.2010 |
| (54) TRANSMITTING AND RECEIVING DATA | (22) 23.04.2012 | (54) Mobile terminal and incoming screen display method thereof |
| (73) Skype | (54) NETWORK MANAGING DEVICE AND NETWORK MANAGING METHOD | (73) LG ELECTRONICS INC. |
| (72) Hiie, Magnus | (73) FUJITSU LIMITED | (72) Lee, Junghoon |
| (31) 0906414 | (72) Nakashima, Kohta | Lee, Choonsik |
| (32) 14.04.2009 | Naruse, Akira | Jo, Hoon |
| (33) United Kingdom | (31) 2011158479 | (31) 20090112215 |
| (51) H04L 29/08 | (32) 19.07.2011 | (32) 19.11.2009 |
| H04L 29/12 | (33) Japan | (33) Korea (Republic) |
| G06F 9/455 | (51) H04L 29/12 | (51) H04M 1/65 |
| G06F 9/50 | H04M 3/42 | (11) EP2852134 |
| G06F 3/06 | H04L 29/08 | (21) EP13830906.7 |
| G06F 17/30 | H04M 7/00 | (47) 23.05.2018 |
| H04L 29/06 | (11) EP1869871 | (87) CN2013081928 |
| (11) EP2394212 | (21) EP06749709.9 | 27.02.2014 |
| (21) EP10701429.2 | (47) 23.05.2018 | (22) 21.08.2013 |
| (47) 23.05.2018 | (87) US2006013406 | (54) METHOD AND TERMINAL FOR ANSWERING INCOMING CALL |
| (87) US2010021754 | 26.10.2006 | (73) Huawei Device (Dongguan) Co., Ltd. |
| 12.08.2010 | (22) 11.04.2006 | (72) JIN, Hui |
| (22) 22.01.2010 | (54) METHODS SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING | (31) 201210298881 |
| | | (32) 21.08.2012 |
| | | (33) China |
| | | (51) H04M 1/725 |

| | | |
|--|---|--|
| (11) EP2439915 | Lee, Choonjae | H04M 3/537 |
| (21) EP11184294.4 | Lee, Minjeong | H04W 4/12 |
| (47) 23.05.2018 | (31) 201261693756 P | H04L 12/58 |
| (22) 07.10.2011 | 20120094585 | H04W 52/02 |
| (54) Apparatus and Method for Controlling Application in Wireless Terminal | (32) 27.08.2012 28.08.2012 | (11) EP3110119 |
| (73) Samsung Electronics Co., Ltd. | (33) United States of America | (21) EP16177603.4 |
| (72) Kim, Min-Ji | Korea (Republic) | (47) 23.05.2018 |
| Jeong, Yong-Soo | (51) H04M 1/725 | (22) 09.03.2006 |
| Park, Jin | H04W 4/00 | (54) AUTOMATIC WIRELESS DEVICE |
| (31) 20100099005 | H04M 1/67 | MESSAGE MANAGEMENT |
| (32) 11.10.2010 | (11) EP2728842 | RESPONSIVE TO END USER |
| (33) Korea (Republic) | (21) EP13190548.1 | PREFERENCES |
| (51) H04M 1/725 | (47) 23.05.2018 | (73) Microsoft Technology Licensing, LLC |
| (11) EP2530923 | (22) 28.10.2013 | (72) Sami, Khoury |
| (21) EP12170215.3 | (54) System and method for protecting private information by using NFC tags | (31) 118511 |
| (47) 23.05.2018 | (73) Samsung Electronics Co., Ltd | (32) 29.04.2005 |
| (22) 31.05.2012 | (72) Chin, Woo-seok | (33) United States of America |
| (54) Method and apparatus for displaying home screen in mobile terminal | Park, Jin | (51) H04M 15/00 |
| (73) Samsung Electronics Co., Ltd. | (31) 20120123101 | H04M 3/42 |
| (72) Jeong, Yong-Soo | (32) 01.11.2012 | H04W 4/24 |
| Park, Jin | (33) Korea (Republic) | H04W 76/00 |
| Kim, Min-Ji | (51) H04M 3/02 | H04M 15/28 |
| (31) 20110053907 | H04M 3/436 | H04M 15/30 |
| (32) 03.06.2011 | H04M 3/46 | H04L 12/14 |
| (33) Korea (Republic) | H04M 7/00 | (11) EP2658236 |
| (51) H04M 1/725 | H04M 3/42 | (21) EP11852086.5 |
| G06F 1/16 | H04M 3/54 | (47) 23.05.2018 |
| G06F 3/0482 | H04M 7/12 | (87) JP2011079888 |
| G06F 3/0485 | H04Q 3/00 | 28.06.2012 |
| G06Q 10/10 | H04W 4/12 | (22) 22.12.2011 |
| (11) EP2770709 | H04W 8/28 | (54) COMMUNICATION SYSTEM, |
| (21) EP13156474.2 | H04W 84/16 | COMMUNICATION CONTROL DEVICE, |
| (47) 23.05.2018 | (11) EP1219098 | COMMUNICATION METHOD, AND |
| (22) 22.02.2013 | (21) EP00941400.4 | MOBILE DEVICE |
| (54) Methods and devices for displaying content | (47) 23.05.2018 | (73) NTT DOCOMO, INC. |
| (73) BlackBerry Limited | (87) US2000016252 | (72) WAKUI Michiko |
| (72) Gårdenfors, Dan Zacharias | 21.12.2000 | ASO Hisayuki |
| Johansson, Per Åke Daniel | (22) 14.06.2000 | SEKIYA Naohiro |
| Andersson Reimer, Nils Roger | (54) METHOD AND APPARATUS FOR | (31) 2010288792 |
| Rydenhag, Daniel Tobias | COMMUNICATING VIA VIRTUAL | (32) 24.12.2010 |
| (51) H04M 1/725 | OFFICE TELEPHONE EXTENSIONS | (33) Japan |
| H04M 1/65 | (73) BlackBerry Corporation | (51) H04N 1/00 |
| (11) EP2503765 | (72) FORTE, Stephen, P. | (11) EP2164240 |
| (21) EP11777090.9 | (31) 139498 P | (21) EP09169987.6 |
| (47) 23.05.2018 | 185070 P | (47) 23.05.2018 |
| (87) CN2011070040 | (32) 14.06.1999 | (22) 10.09.2009 |
| 10.11.2011 | 25.02.2000 | (54) Document reading apparatus |
| (22) 05.01.2011 | (33) United States of America | (73) CANON KABUSHIKI KAISHA |
| (54) METHOD AND TERMINAL FOR | United States of America | (72) Ishido, Katsuhiko |
| LEAVING VIDEO MESSAGES | (51) H04M 3/42 | (31) 2008235009 |
| (73) ZTE Corporation | H04M 3/493 | (32) 12.09.2008 |
| (72) PENG, Tao | (11) EP2138966 | (33) Japan |
| (31) 201010171118 | (21) EP09163521.9 | (51) H04N 1/19 |
| (32) 07.05.2010 | (47) 23.05.2018 | H04N 1/028 |
| (33) China | (22) 23.06.2009 | H04N 1/407 |
| (51) H04M 1/725 | (54) Retrieving telephone call information from a telephone terminal via a communication server | H04N 5/361 |
| H04M 1/67 | (73) Alcatel Lucent | (11) EP2617182 |
| (11) EP2704407 | (72) Litteaut, Jacques | (21) EP11825108.1 |
| (21) EP13179240.0 | Rey, Jean-François | (47) 23.05.2018 |
| (47) 23.05.2018 | (31) 0854124 | (87) JP2011070678 |
| (22) 05.08.2013 | (32) 23.06.2008 | 22.03.2012 |
| (54) Mobile Terminal and Controlling Method Thereof | (33) France | (22) 06.09.2011 |
| (73) LG Electronics Inc. | (51) H04M 3/533 | (54) IMAGE PROCESSING APPARATUS AND METHOD |
| (72) Son, Jiyeon | H04M 1/725 | (73) Ricoh Company, Ltd. |
| Song, Younghoon | | (72) IZUMI, Tatsuo |
| | | KANNO, Tohru |
| | | (31) 2010207131 |

| | | |
|--|--|---|
| (32) 15.09.2010 (33) Japan | (54) Image processor, image processing method and program, and recording medium | (73) Koninklijke Philips N.V. |
| (51) H04N 1/21 H04N 5/225 | (73) OMRON CORPORATION | (72) PIETIG, Rainer RUETTEN, Walter HERRMANN, Christoph |
| (11) EP1633126 | (31) 2013085089 | (31) 10156363 |
| (21) EP05255338.5 | (32) 15.04.2013 | (32) 12.03.2010 |
| (47) 23.05.2018 | (33) Japan | (33) European Patent Office (EPO) |
| (22) 31.08.2005 | (51) H04N 5/232 | (51) H04N 5/445 |
| (54) Image pickup apparatus, control method therefor and control program for implementing the control method | (11) EP3205084 | H04N 7/173 |
| (73) Canon Kabushiki Kaisha | (21) EP15802002.4 | H04L 29/08 |
| (72) Koike, Toru, Canon Kabushiki Kaisha | (47) 23.05.2018 | H04N 21/478 |
| (31) 2004254455 | (87) EP2015076881 | H04N 21/482 |
| (32) 01.09.2004 | 16.06.2016 | H04N 21/488 |
| (33) Japan | (22) 17.11.2015 | (11) EP2357806 |
| (51) H04N 1/405 H04N 1/40 | (54) IMAGE PROCESSING METHOD | (21) EP11000058.5 |
| (11) EP2767081 | (73) FotoNation Limited | (47) 23.05.2018 |
| (21) EP11785493.5 | (72) MALAESCU, Alexandru | (22) 05.01.2011 |
| (47) 23.05.2018 | NANU, Florin | (54) A display device and a method for displaying contents on the same |
| (87) IL2011000806 | BIGIOI, Petronel | (73) LG ELECTRONICS INC. |
| 18.04.2013 | CORCORAN, Peter | (72) Lee, Jungbin |
| (22) 11.10.2011 | PETRESCU, Stefan | Kim, Ryoung |
| (54) GENERATING DATA TO CONTROL THE EJECTION OF INK DROPS | (31) 201462089369 P | Kim, Jun |
| (73) HP Scitex Ltd | (32) 09.12.2014 | Heo, Ubeom |
| (72) VEIS, Alex | (33) United States of America | Nam, Jiwan |
| (51) H04N 5/225 H04N 5/228 H04N 5/232 G06K 9/36 G06K 9/46 | (51) H04N 5/232 G06F 3/01 G06F 3/03 G06F 3/00 | Lee, Samsoo |
| (11) EP2727330 | (11) EP2672699 | Kim, Ilhyun |
| (21) EP12729323.1 | (21) EP13169997.7 | Kim, Namhoon |
| (47) 23.05.2018 | (47) 23.05.2018 | Baek, Sungmin Baek |
| (87) US2012042765 | (22) 31.05.2013 | Cho, Eunhae |
| 03.01.2013 | (54) Terminal device and image capturing method | Chung, Jaehee |
| (22) 15.06.2012 | (73) Sony Mobile Communications, Inc. | (31) 20100001032 |
| (54) ENCODER-SUPERVISED IMAGING FOR VIDEO CAMERAS | (72) Takatsuka, Susumu | 20100104271 |
| (73) Cisco Technology, Inc. | Naruse, Tetsuya | (32) 06.01.2010 |
| (72) TIAN, Dihong CHUNG, Wing-Kuen CHEN, Qing | Ide, Yuji | 25.10.2010 |
| (31) 201113174432 | (31) 201261657278 P | (33) Korea (Republic) Korea (Republic) |
| (32) 30.06.2011 | (32) 08.06.2012 | (51) H04N 5/445 |
| (33) United States of America | (33) United States of America | H04N 21/236 |
| (51) H04N 5/232 | (51) H04N 5/232 | H04N 21/431 |
| (11) EP2984813 | H04N 5/235 | H04N 21/47 |
| (21) EP14715900.8 | (11) EP3160129 | H04N 5/44 |
| (47) 23.05.2018 | (21) EP14895229.4 | H04N 19/597 |
| (87) EP2014056915 | (47) 23.05.2018 | H04N 13/00 |
| 16.10.2014 | (87) CN2014089336 | H04N 19/44 |
| (22) 07.04.2014 | 23.12.2015 | (11) EP2426932 |
| (54) AUTOMATIC TIME LAPSE CAPTURE | (22) 23.10.2014 | (21) EP11007120.6 |
| (73) HERE Global B.V. | (54) CAMERA AUTO-FOCUSING OPTIMIZATION METHOD AND CAMERA | (47) 23.05.2018 |
| (72) HARTFORD, Stephen | (73) ZTE Corporation | (22) 01.09.2011 |
| (31) 201313859277 | (72) CAO, Hongyan | (54) Method and apparatus for processing and receiving digital broadcast signal for 3-dimensional display |
| (32) 09.04.2013 | (31) 201410270682 | (73) LG ELECTRONICS INC. |
| (33) United States of America | (32) 17.06.2014 | (72) Suh, Jongyeul |
| (51) H04N 5/232 | (33) China | Choe, Jeehyun |
| (11) EP2809062 | (51) H04N 5/32 | Lee, Joonhui |
| (21) EP14154940.2 | G01T 1/17 | (31) 379378 P |
| (47) 23.05.2018 | G01T 1/24 | (32) 01.09.2010 |
| (22) 13.02.2014 | (11) EP2545701 | (33) United States of America |
| | (21) EP11714424.6 | (51) H04N 7/08 |
| | (47) 23.05.2018 | H04N 7/173 |
| | (87) IB2011050924 | H04H 40/18 |
| | 15.09.2011 | H04N 21/2343 |
| | (22) 04.03.2011 | H04N 21/242 |
| | (54) MULTIFRAME X-RAY DETECTOR FOR IMAGING SYSTEM WITH DISTRIBUTED X-RAY SOURCES | H04N 21/61 |
| | | H04N 21/63 |
| | | H04H 20/18 |
| | | H04N 5/04 |

| | | |
|---|---|--|
| H04N 21/43 | HASHIMOTO, Katsunori | 201113272221 |
| H04N 21/462 | MORI, Masahito | (32) 18.07.2011 |
| (11) EP2728858 | (31) 2009213793 | 13.10.2011 |
| (21) EP12823547.0 | (32) 15.09.2009 | (33) United States of America |
| (47) 23.05.2018 | (33) Japan | United States of America |
| (87) KR2012006455 | (51) H04N 13/00 | (51) H04N 19/423 |
| 21.02.2013 | (11) EP2645725 | H04N 19/44 |
| (22) 13.08.2012 | (21) EP12848650.3 | H04N 19/46 |
| (54) RECEIVING APPARATUS AND | (47) 23.05.2018 | H04N 19/577 |
| RECEIVING METHOD THEREOF | (87) JP2012078621 | H04N 19/58 |
| (73) Samsung Electronics Co., Ltd. | 16.05.2013 | H04N 19/61 |
| (72) JOO, Yu-sung | (22) 05.11.2012 | (11) EP2268037 |
| LEE, Dae-jong | (54) IMAGE DATA TRANSMISSION DEVICE, | (21) EP10182328.4 |
| KIM, Hee-jean | IMAGE DATA TRANSMISSION | (47) 23.05.2018 |
| LEE, Jae-jun | METHOD, AND IMAGE DATA | (22) 22.09.2003 |
| JANG, Yong-seok | RECEIVING DEVICE | (54) Video decoding apparatus |
| PARK, Hong-seok | (73) Saturn Licensing LLC | (73) NTT DoCoMo, Inc. |
| (31) 201161522906 P | (72) TSUKAGOSHI, Ikuro | (72) Adachi, Satoru |
| 20120088488 | ICHIKI, Shoji | Boon, Choong Seng |
| (32) 12.08.2011 | (31) 2011248114 | Kato, Sadaatsu |
| 13.08.2012 | 2012089769 | Etoh, Minoru |
| (33) United States of America | 2012108961 | Tan, Thiw Keng |
| Korea (Republic) | 2012148958 | (31) 2002299512 |
| (51) H04N 7/173 | (32) 11.11.2011 | 2003190567 |
| (11) EP2259594 | 10.04.2012 | (32) 11.10.2002 |
| (21) EP10178083.1 | 10.05.2012 | 02.07.2003 |
| (47) 23.05.2018 | 02.07.2012 | (33) Japan |
| (22) 13.11.2002 | (33) Japan | Japan |
| (54) Improvements in receivers for television | Japan | (51) H04N 21/41 |
| signals | Japan | H04L 29/08 |
| (73) Sky CP Limited | Japan | H04N 21/436 |
| (72) Willame, Xavier | (51) H04N 13/02 | H04N 21/4363 |
| Bodkin, Nigel | (11) EP2597878 | H04N 21/647 |
| James, Nicholas | (21) EP12193680.1 | H04W 76/02 |
| Collins, Ellen Fiona | (47) 23.05.2018 | H04W 84/12 |
| Freeman, Benjamin Jonathan | (22) 21.11.2012 | H04W 88/04 |
| Sullivan, Brian Francis | (54) Stereoscopic camera and control method | (11) EP2688307 |
| (31) 0127234 | thereof | (21) EP13177110.7 |
| (32) 13.11.2001 | (73) LG Electronics Inc. | (47) 23.05.2018 |
| (33) United Kingdom | (72) Ko, Dongseuck | (22) 18.07.2013 |
| (51) H04N 7/173 | Cheon, Jeeyoung | (54) Wireless communication system for offline |
| G06F 13/00 | (31) 20110122436 | participation in a display session |
| (11) EP2566158 | (32) 22.11.2011 | (73) Samsung Electronics Co., Ltd |
| (21) EP11774907.7 | (33) Korea (Republic) | (72) Thangadorai, Kavin Kumar |
| (47) 23.05.2018 | (51) H04N 19/176 | Inthiqab, Mohammed |
| (87) JP2011059842 | H04N 19/96 | Sadula, Srikrishna |
| 03.11.2011 | H04N 19/119 | Khandelwal, Vaibhav |
| (22) 21.04.2011 | H04N 19/147 | (31) CH29522012 |
| (54) CONTENT REPLAY DEVICE AND | H04N 19/463 | (32) 19.07.2012 |
| CONTENT REPLAY SYSTEM | H04N 19/13 | (33) India |
| (73) Saturn Licensing LLC | H04N 19/157 | (51) H04N 21/4363 |
| (72) KITAZATO, Naohisa | H04N 19/46 | H04W 76/02 |
| (31) 2010105467 | H04N 19/91 | H04W 8/00 |
| (32) 30.04.2010 | H04N 19/159 | H04W 76/04 |
| (33) Japan | (11) EP2735161 | (11) EP3119101 |
| (51) H04N 7/173 | (21) EP12815455.6 | (21) EP16181637.6 |
| H04N 21/236 | (47) 23.05.2018 | (47) 23.05.2018 |
| H04N 21/434 | (87) CN2012070582 | (22) 01.04.2009 |
| (11) EP2961162 | 24.01.2013 | (54) PAIRING WIRELESS DEVICES |
| (21) EP15175827.3 | (22) 19.01.2012 | (73) Oticon A/S |
| (47) 23.05.2018 | (54) METHOD AND APPARATUS FOR | (72) KLEMMENSEN, Bjarne |
| (22) 31.08.2010 | COMPRESSING A CODING UNIT IN | (51) H04N 21/438 |
| (54) INFORMATION PROCESSING | HIGH EFFICIENCY VIDEO CODING | H04N 21/44 |
| APPARATUS, DATA MANAGEMENT | (73) HFI Innovation Inc. | H04N 21/4402 |
| METHOD, AND PROGRAM | (72) LIU, Shan | H04N 21/439 |
| (73) Saturn Licensing LLC | HUANG, Yu-Wen | (11) EP2557806 |
| (72) DEWA, Yoshiharu | LEI, Shaw-Min | (21) EP12160000.1 |
| KITAZATO, Naohisa | (31) 201161508825 P | (47) 23.05.2018 |

| | | |
|--|---------------------------------|---|
| (22) 16.03.2012 | (31) 201205289 | (47) 23.05.2018 |
| (54) Method for improving channel change in a television appliance | 201223091 | (87) CN2013077143 |
| (73) Advanced Digital Broadcast S.A. | (32) 26.03.2012 | 19.12.2013 |
| (72) Lysak, Roman | 20.12.2012 | (22) 13.06.2013 |
| Dabrowa, Andrzej | (33) United Kingdom | (54) METHOD AND DEVICE FOR |
| (31) 11006490 | United Kingdom | AUTOMATIC IDENTIFICATION OF |
| (32) 08.08.2011 | (51) H04R 1/40 | MICROPHONE PIN AND GROUND PIN |
| (33) European Patent Office (EPO) | H04R 3/12 | OF AUDIO INTERFACE |
| (51) H04Q 5/22 | (11) EP2543197 | (73) Tendyron Corporation |
| G08C 19/00 | (21) EP11704395.0 | (72) LI, Dongsheng |
| (11) EP1664993 | (47) 23.05.2018 | (31) 201210196122 |
| (21) EP04781889.3 | (87) US2011024674 | (32) 13.06.2012 |
| (47) 23.05.2018 | 09.09.2011 | (33) China |
| (87) US2004027288 | (22) 14.02.2011 | (51) H04R 29/00 |
| 21.04.2005 | (54) MULTI-ELEMENT DIRECTIONAL | H04R 3/00 |
| (22) 23.08.2004 | ACOUSTIC ARRAYS | H04R 3/08 |
| (54) SYSTEM AND METHOD FOR SETTING UP A UNIVERSAL REMOTE CONTROL | (73) Bose Corporation | (11) EP2830331 |
| (73) Universal Electronics, Inc. | (72) BERARDI, William | (21) EP14176554.5 |
| (72) HUANG, Steve, LanPing | DUBLIN, Michael | (47) 23.05.2018 |
| HAYES, Patrick, H. | LEHNERT, Hilmar | (22) 10.07.2014 |
| (31) 665642 | STARK, Michael W. | (54) Method of controlling sound reproduction of enclosure mounted loudspeakers |
| (32) 19.09.2003 | TORIO, Guy | (73) Analog Devices Global Unlimited Company |
| (33) United States of America | (31) 852967 | (72) Pan, Yang |
| (51) H04Q 9/00 | 716309 | Zhang, Fanjiong |
| H04W 72/04 | (32) 09.08.2010 | Berthelsen, Kim Spetzler |
| (11) EP2685744 | 03.03.2010 | Determan, Michael W |
| (21) EP12176220.7 | (33) United States of America | (31) 201313948663 |
| (47) 23.05.2018 | United States of America | 201314059153 |
| (22) 12.07.2012 | (51) H04R 5/04 | (32) 23.07.2013 |
| (54) Method and sensor node network interface system for wireless control of an industrial process | H04R 29/00 | 21.10.2013 |
| (73) ABB Research Ltd. | H04M 1/60 | (33) United States of America |
| (72) Isaksson, Alf | H04M 1/725 | United States of America |
| Landernäs, Krister | G06F 13/40 | (51) H04S 3/00 |
| Åkerberg, Johan | (11) EP1518180 | G10L 19/008 |
| (51) H04R 1/10 | (21) EP03761308.0 | (11) EP3123746 |
| H04R 31/00 | (47) 23.05.2018 | (21) EP15711759.9 |
| (11) EP2842346 | (87) US2003019971 | (47) 23.05.2018 |
| (21) EP13720830.2 | 31.12.2003 | (87) EP2015056206 |
| (47) 23.05.2018 | (22) 24.06.2003 | 01.10.2015 |
| (87) EP2013057823 | (54) IDENTIFICATION SYSTEM AND | (22) 24.03.2015 |
| 31.10.2013 | METHOD FOR RECOGNIZING ANY ONE | (54) METHOD AND DEVICE FOR APPLYING |
| (22) 15.04.2013 | OF A NUMBER OF DIFFERENT TYPES | DYNAMIC RANGE COMPRESSION TO A |
| (54) HUMAN LIKE EAR SIMULATOR | OF DEVICES | HIGHER ORDER AMBISONICS SIGNAL |
| (73) Brüel & Kjaer Sound & Vibration | (73) Analog Devices, Inc. | (73) Dolby International AB |
| Measurement A/S | (72) PATTERSON, Stuart | (72) BOEHM, Johannes |
| (72) JOHANSEN, Brian | LOEB, Frederick | KEILER, Florian |
| JØNSSON, Søren | HOWLEY, John | (31) 14305423 |
| (31) 201261639241 P | LEONARDO, Ludgero | 14305559 |
| (32) 27.04.2012 | (31) 391119 P | (32) 24.03.2014 |
| (33) United States of America | (32) 24.06.2002 | 15.04.2014 |
| (51) H04R 1/40 | (33) United States of America | (33) European Patent Office (EPO) |
| H04R 3/00 | (51) H04R 25/02 | European Patent Office (EPO) |
| H04R 1/04 | (11) EP3068147 | (51) H04S 7/00 |
| H04R 25/00 | (21) EP16154759.1 | (11) EP2421283 |
| (11) EP2832111 | (47) 23.05.2018 | (21) EP11177977.3 |
| (21) EP13715404.3 | (22) 09.02.2016 | (47) 23.05.2018 |
| (47) 23.05.2018 | (54) HEARING AID WITH A CERUMEN | (22) 18.08.2011 |
| (87) GB2013050784 | PROTECTION DEVICE AND CERUMEN | (54) Extraction of channels from multichannel signals utilizing stimulus |
| 03.10.2013 | PROTECTION DEVICE | (73) Harman International Industries, Incorporated |
| (22) 26.03.2013 | (73) Sivantos Pte. Ltd. | (72) Horbach, Ulrich |
| (54) ACOUSTIC SOURCE SEPARATION | (72) DORN, Theo | Bushen, Kirk |
| (73) University of Surrey | (31) 102015204250 | Strauss, Adam |
| (72) NUGENT, David | (32) 10.03.2015 | Wehmeyer, Andy |
| GUNEL, Banu | (33) Germany | (31) 858791 |
| | (51) H04R 29/00 | (32) 18.08.2010 |
| | H04R 1/10 | (33) United States of America |
| | (11) EP2863650 | |
| | (21) EP13804964.8 | |

| | | |
|--|----------------------------------|---|
| (51) H04W 4/00 | (72) YANG, Xi | 201414191330 |
| (11) EP2119301 | LIU, Hsin-Yuo | (32) 15.03.2013 |
| (21) EP08707904.2 | SEN, Indranil S | 26.02.2014 |
| (47) 23.05.2018 | REDDY, Vusthla Sunil | (33) United States of America |
| (87) EP2008050406 | AGBOH, Peter M | United States of America |
| 14.08.2008 | NARANG, Mohit | (51) H04W 4/02 |
| (22) 15.01.2008 | CABALLERO, Ruben | G01C 21/20 |
| (54) A METHOD OF ALLOCATING UPLINK | WU, Qiyang | G01C 21/28 |
| RADIO RESOURCES | (31) 201414502357 | G01C 21/34 |
| (73) Nokia Solutions and Networks GmbH & Co. | (32) 30.09.2014 | G01C 21/36 |
| KG | (33) United States of America | G06Q 10/04 |
| (72) PAROLARI, Sergio | (51) H04W 4/00 | (11) EP2554945 |
| PROVVEDI, Leonardo | H04W 12/08 | (21) EP11759610.6 |
| (31) 0702325 | (11) EP3219117 | (47) 23.05.2018 |
| 0714579 | (21) EP15787790.3 | (87) JP2011057443 |
| (32) 07.02.2007 | (47) 23.05.2018 | 29.09.2011 |
| 27.07.2007 | (87) US2015055148 | (22) 25.03.2011 |
| (33) United Kingdom | 19.05.2016 | (54) POSITION MEASUREMENT DEVICE, |
| United Kingdom | (22) 12.10.2015 | METHOD FOR GENERATING |
| (51) H04W 4/00 | (54) ADVANCED ROUTING MECHANISMS | LOCATIONAL INFORMATION, AND |
| (11) EP2996404 | FOR SECURE ELEMENTS | STORAGE MEDIUM |
| (21) EP15183744.0 | (73) Qualcomm Incorporated | (73) NEC Corporation |
| (47) 23.05.2018 | (72) KUMAR, Utkarsh | (72) KITATANI Kenichi |
| (22) 03.09.2015 | LEE, Gueyoung | (31) 2010072972 |
| (54) SELECTION OF PUBLIC LAND MOBILE | (31) 201462080166 P | (32) 26.03.2010 |
| NETWORK FOR DEVICE-TO-DEVICE | 201514641083 | (33) Japan |
| COMMUNICATION | (32) 14.11.2014 | (51) H04W 4/02 |
| (73) HTC Corporation | 06.03.2015 | G01C 21/36 |
| (72) LIAO, Ching-Yu | (33) United States of America | (11) EP2571295 |
| WU, Chih-Hsiang | United States of America | (21) EP12006345.8 |
| (31) 201462045580 P | (51) H04W 4/02 | (47) 23.05.2018 |
| 201514841728 | (11) EP2526725 | (22) 10.09.2012 |
| (32) 04.09.2014 | (21) EP11734941.5 | (54) Information processing system, mobile |
| 01.09.2015 | (47) 23.05.2018 | information terminal, server, and information |
| (33) United States of America | (87) SE2011050065 | processing method |
| United States of America | 28.07.2011 | (73) Sony Interactive Entertainment Inc. |
| (51) H04W 4/00 | (22) 21.01.2011 | (72) Tada, Koji |
| G06Q 20/32 | (54) METHOD AND SYSTEM FOR | Yamashita, Shingo |
| (11) EP2556596 | MANAGING AN INTERCONNECTION IN | (31) 2011199886 |
| (21) EP11766608.1 | A BORDER CELL | (32) 13.09.2011 |
| (47) 23.05.2018 | (73) Synapse International S.A. | (33) Japan |
| (87) US2011031293 | (72) BERGQVIST, Per | (51) H04W 4/02 |
| 13.10.2011 | ERICSON, Lars-Göran | H04L 29/08 |
| (22) 05.04.2011 | WILLEHADSON, Stefan | (11) EP2638711 |
| (54) SYSTEMS, METHODS, AND COMPUTER | (31) 296897 P | (21) EP11784624.6 |
| READABLE MEDIA FOR PERFORMING | 1050069 | (47) 23.05.2018 |
| MULTIPLE TRANSACTIONS | (32) 21.01.2010 | (87) EP2011069661 |
| THROUGH A SINGLE NEAR FIELD | 21.01.2010 | 18.05.2012 |
| COMMUNICATION (NFC) TAP | (33) United States of America | (22) 08.11.2011 |
| (73) Mastercard International Incorporated | Sweden | (54) A VEHICLE DATA SYSTEM AND |
| (72) KAHN, Mohammad | (51) H04W 4/02 | METHOD |
| MARITN, Phillippe | (11) EP2974399 | (73) TomTom Traffic B.V. |
| RAYNON, Jean-Christophe | (21) EP14719437.7 | (72) FULGER, Daniel |
| CLARK, Aaron | (47) 23.05.2018 | MIETH, Peter |
| VIJAYSHANKAR, Roshan | (87) US2014024958 | WIESNER, Steffen Gunther |
| (31) 321110 P | 25.09.2014 | (31) 201116928 |
| (32) 05.04.2010 | (22) 12.03.2014 | 201018815 |
| (33) United States of America | (54) PROXIMITY FENCE | (32) 30.09.2011 |
| (51) H04W 4/00 | (73) Apple Inc. | 08.11.2010 |
| H04W 8/00 | (72) MARTI, Lukas M. | (33) United Kingdom |
| H04W 12/06 | MA, Shannon M. | United Kingdom |
| (11) EP3002962 | MAYOR, Robert | (51) H04W 4/02 |
| (21) EP15184646.6 | PRATS, Augustin | H04L 29/08 |
| (47) 23.05.2018 | EDMONDS, Christopher J. | H04W 4/20 |
| (22) 10.09.2015 | TUCKER, Brian J. | H04W 76/00 |
| (54) WIRELESS PROXIMITY PAIRING OF | LINDE, Joakim | H04W 64/00 |
| USER-INTERFACE DEVICES | KAZEMI, Pejman Lotfali | (11) EP2338266 |
| (73) Apple Inc. | (31) 201361790813 P | (21) EP09791597.9 |

| | | |
|---|---|--|
| (47) 23.05.2018 | (54) COMMUNICATION CONTROL METHOD AND USER TERMINAL | LI, Jian |
| (87) US2009054096 | | ZHANG, Jian |
| 25.02.2010 | (73) Kyocera Corporation | WEI, Lei |
| (22) 17.08.2009 | (72) CHANG, Henry | HU, Bin |
| (54) CONTROL PLANE SOLUTION FOR LOCATION SERVICE TO SUPPORT WIRELESS ACCESS | FUKUTA, Noriyoshi | (31) 201110055414 |
| (73) Qualcomm Incorporated | (31) 201261591462 P | (32) 09.03.2011 |
| (72) EDGE, Stephen, W. | (32) 27.01.2012 | (33) China |
| BURROUGHS, Kirk, Allan | (33) United States of America | <hr/> |
| (31) 89795 P | (51) H04W 4/08 | (51) H04W 4/20 |
| 142556 P | H04L 12/24 | H04W 12/08 |
| 541841 | H04L 12/18 | H04L 29/06 |
| (32) 18.08.2008 | H04W 4/00 | (11) EP2795939 |
| 05.01.2009 | (11) EP2981107 | (21) EP12859972.7 |
| 14.08.2009 | (21) EP15180347.5 | (47) 23.05.2018 |
| (33) United States of America | (47) 23.05.2018 | (87) US2012071546 |
| United States of America | (22) 31.08.2011 | 27.06.2013 |
| United States of America | (54) GROUP COMMUNICATION METHOD AND APPARATUS FOR GROUP COMMUNICATION | (22) 23.12.2012 |
| <hr/> | | (54) METHOD, APPARATUS AND COMPUTER READABLE STORAGE MEDIUM FOR PARENTAL CONTROL OF A DEVICE |
| (51) H04W 4/04 | (73) Huawei Technologies Co., Ltd. | (73) Microsoft Technology Licensing, LLC |
| H04W 12/02 | (72) Huang, Cheng | (72) KING, Joseph Spencer |
| H04W 4/02 | Mu, Lunjian | MATTHEWS, Joseph H. |
| G07C 5/00 | Bian, Yonggang | SCHRADER, Joseph A. |
| (11) EP3157276 | Zhang, Yongjing | CHEN, Ted Tai-Yu |
| (21) EP16187784.0 | Jin, Lei | (31) 201161580137 P |
| (47) 23.05.2018 | (31) 201110046939 | 201213726027 |
| (22) 08.09.2016 | (32) 25.02.2011 | (32) 23.12.2011 |
| (54) METHOD AND SYSTEM FOR CONTROLLING DATA | (33) China | 22.12.2012 |
| (73) Volkswagen Aktiengesellschaft | (51) H04W 4/18 | (33) United States of America |
| (72) Oberschachtsiek, André | H04L 29/14 | United States of America |
| Pflug, Florian | H04W 8/30 | <hr/> |
| Decke, Hendrik | H04W 4/02 | (51) H04W 8/00 |
| (31) 102015219783 | (11) EP2795941 | H04W 84/18 |
| (32) 13.10.2015 | (21) EP12787608.4 | H04W 52/02 |
| (33) Germany | (47) 23.05.2018 | (11) EP3162162 |
| <hr/> | (87) US2012063047 | (21) EP14895946.3 |
| (51) H04W 4/04 | 27.06.2013 | (47) 23.05.2018 |
| H04W 48/04 | (22) 01.11.2012 | (87) SE2014050776 |
| (11) EP3116248 | (54) HANDLING IMPAIRED WIRELESS CONNECTION IN A COMMUNICATION SYSTEM | 30.12.2015 |
| (21) EP16184486.5 | (73) Qualcomm Incorporated | (22) 24.06.2014 |
| (47) 23.05.2018 | (72) XIANG, Pei | (54) DISCOVERY IN A WIRELESS COMMUNICATIONS SYSTEM |
| (22) 13.01.2012 | HUANG, Hesu | (73) Telefonaktiebolaget LM Ericsson (publ) |
| (54) APPARATUS, SYSTEM, AND METHOD FOR DETECTING THE PRESENCE AND CONTROLLING THE OPERATION OF A MOBILE DEVICE WITHIN A VEHICLE | (72) CAI, Lukai | (72) KERÄNEN, Ari |
| (73) Hannon, Marwan | EL-MALEH, Khaled Helmi | ARKKO, Jari |
| (72) Hannon, Marwan | (31) 201161577613 P | TIRRONEN, Tuomas |
| (31) 201161433854 P | 201213665621 | <hr/> |
| 201113041209 | (32) 19.12.2011 | (51) H04W 8/02 |
| (32) 18.01.2011 | 31.10.2012 | (11) EP3101928 |
| 04.03.2011 | (33) United States of America | (21) EP14883593.7 |
| (33) United States of America | United States of America | (47) 23.05.2018 |
| United States of America | (51) H04W 4/20 | (87) CN2014072628 |
| <hr/> | H04L 29/06 | 03.09.2015 |
| (51) H04W 4/06 | H04L 12/58 | (22) 27.02.2014 |
| H04W 36/04 | G09F 9/00 | (54) METHOD AND SYSTEM FOR PROVIDING SERVICE ACCORDING TO POLICY |
| H04W 36/22 | (11) EP2685695 | (73) Huawei Technologies Co., Ltd. |
| H04W 36/00 | (21) EP12754830.3 | (72) TAO, Yuan |
| H04L 12/18 | (47) 23.05.2018 | ZHEN, Bin |
| H04W 48/06 | (87) CN2012070915 | YU, Qi |
| H04W 84/04 | 13.09.2012 | <hr/> |
| H04W 76/00 | (22) 07.02.2012 | (51) H04W 8/20 |
| (11) EP2809092 | (54) METHOD, SYSTEM AND COMPUTER STORAGE MEDIUM FOR DISPLAYING MICROBLOG WALL | (11) EP2830339 |
| (21) EP13740982.7 | (73) Tencent Technology (Shenzhen) Company Limited | (21) EP13763951.4 |
| (47) 23.05.2018 | (72) WU, Xiangbo | (47) 23.05.2018 |
| (87) JP2013051667 | | (87) CN2013072974 |
| 01.08.2013 | | 26.09.2013 |
| (22) 25.01.2013 | | (22) 21.03.2013 |

| | | |
|---|---|--|
| (54) METHOD AND TERMINAL FOR LOADING CONFIGURATION INFORMATION OF MOBILE NETWORK OPERATOR | H04W 88/06 H04W 36/14 (11) EP2922325 (21) EP12890423.2 | SHU, Kodo (31) 201310258222 (32) 26.06.2013 (33) China |
| (73) Huawei Device Co., Ltd. | (47) 23.05.2018 | (51) H04W 24/02 |
| (72) GUO, Ligang CHEN, Minjiang LI, Bin | (87) CN2012086930 26.06.2014 (22) 19.12.2012 | H04W 72/04 H04W 72/00 H04W 76/06 |
| (31) 201210077953 (32) 22.03.2012 (33) China | (54) METHOD AND APPARATUS FOR COMMUNICATION SECURITY PROCESSING | (11) EP3024293 (21) EP13891329.8 (47) 23.05.2018 (87) CN2013080969 12.02.2015 |
| (51) H04W 8/22 H04W 8/24 | (73) Huawei Technologies Co., Ltd. (72) ZHANG, Hongping ZHONG, Tao ZENG, Qinghai | (22) 07.08.2013 (54) METHOD, APPARATUS AND HOST FOR CONFIGURING SECONDARY CELL |
| (11) EP2897434 (21) EP13837895.5 (47) 23.05.2018 (87) CN2013082733 20.03.2014 (22) 30.08.2013 | (51) H04W 12/06 H04L 29/06 (11) EP2506616 (21) EP12151828.6 (47) 23.05.2018 (22) 19.01.2012 | (73) Huawei Technologies Co., Ltd. (72) CHANG, Junren |
| (54) METHOD AND DEVICE FOR REPORTING AND ISSUING FREQUENCY BAND SCALABILITY | (54) PROGRAM, INFORMATION COMMUNICATION DEVICE AND SYSTEM | (51) H04W 24/08 H04W 12/02 H04L 29/06 H04M 3/22 H04W 64/00 |
| (73) ZTE Corporation (72) HUANG, He MA, Zhifeng CAO, Yiqing MA, Zijiang LIU, Hongjun | (73) Fujitsu Limited (72) Kimura, Masatoshi Miura, Yuichi Ishioka, Eiji | (11) EP2403288 (21) EP11164020.7 (47) 23.05.2018 (22) 28.04.2011 |
| (31) 201210344342 (32) 17.09.2012 (33) China | (31) 2011081120 (32) 31.03.2011 (33) Japan | (54) System and method for determining commonly used communication terminals and for identifying noisy entities in large- scale link analysis |
| (51) H04W 12/00 H04L 29/06 | (51) H04W 12/06 H04L 29/06 H04L 9/32 H04L 9/08 H04W 12/04 | (73) Verint Systems Ltd. (72) Corem, Yochai Goldfarb, Eithan Segal, Muli |
| (11) EP1997278 (21) EP07739556.4 (47) 23.05.2018 (87) JP2007056115 27.09.2007 (22) 16.03.2007 | (11) EP2449803 (21) EP10745324.3 (47) 23.05.2018 | (31) 20539510 20539610 (32) 28.04.2010 28.04.2010 |
| (54) COMMUNICATIONS APPARATUS AND CONTROL METHOD THEREFOR | (87) FR2010051303 06.01.2011 (22) 25.06.2010 | (33) Israel Israel |
| (73) CANON KABUSHIKI KAISHA (72) FUJII, Kenichi (31) 2006077401 (32) 20.03.2006 (33) Japan | (54) METHOD FOR CHANGING AN AUTHENTICATION KEY | (51) H04W 24/10 (11) EP2719215 (21) EP11773205.7 (47) 23.05.2018 (87) EP2011005332 20.12.2012 (22) 21.10.2011 |
| (51) H04W 12/02 H04W 8/16 | (73) Orange (72) MICHAU, Benoit ROUSSEL, Jean-Luc COUREAU, Laurent | (54) INTER-CARRIER MEASUREMENT TECHNIQUE |
| (11) EP2774446 (21) EP11874957.1 (47) 23.05.2018 (87) FI2011050951 10.05.2013 (22) 31.10.2011 | (31) 0954474 (32) 30.06.2009 (33) France | (73) Telefonaktiebolaget LM Ericsson (publ) |
| (54) LOCATION PRIVACY IN COMMUNICATION NETWORKS | (51) H04W 16/14 (11) EP3016425 (21) EP14817012.9 (47) 23.05.2018 (87) CN2014080671 31.12.2014 (22) 25.06.2014 | (72) AXMON, Joakim ALRIKSSON, Peter (31) 201161496115 P (32) 13.06.2011 (33) United States of America |
| (73) Nokia Technologies Oy (72) GINZBOORG, Philip EGGERT, Lars KASSLIN, Mika | (87) Shanghai Research Center For Wireless Communications (72) YI, Huiyue WANG, Rui HU, Honglin LI, Haitao | (51) H04W 24/10 (11) EP2625911 (21) EP11764562.2 (47) 23.05.2018 (87) EP2011067373 12.04.2012 (22) 05.10.2011 |
| (51) H04W 12/04 H04W 36/00 H04W 12/06 H04W 12/08 H04W 48/12 H04W 88/02 H04W 88/08 H04W 92/10 | (54) SYSTEM AND METHOD FOR AVOIDING MOBILE RELAY INTERFERENCE TO PRIMARY SYSTEM ON AUTHORIZED FREQUENCY SPECTRUM | (54) CHANNEL STATE INFORMATION MEASUREMENT AND REPORTING |

| | | |
|--------------------------------------|---|------------------------------------|
| LUNTTILA, Timo Erkki | (73) ZTE Corporation | (72) ZHANG, Rong |
| (31) 389865 P | (72) WANG, Zhanli, ZTE Plaza, Keji Road South | SUN, Wei |
| (32) 05.10.2010 | WANG, Wei, ZTE Plaza, Keji Road South | (31) 201210243082 |
| (33) United States of America | LI, Haiyun, ZTE Plaza, Keji Road South | (32) 13.07.2012 |
| (51) H04W 24/10 | (31) 200410008410 | (33) China |
| H04W 36/00 | (32) 10.03.2004 | (51) H04W 48/10 |
| H04W 36/14 | (33) China | (11) EP2550820 |
| (11) EP2760230 | (51) H04W 36/00 | (21) EP11759629.6 |
| (21) EP12833432.3 | (11) EP3158796 | (47) 23.05.2018 |
| (47) 23.05.2018 | (21) EP14731631.9 | (87) JP2011057500 |
| (87) CN2012076559 | (47) 23.05.2018 | 29.09.2011 |
| 28.03.2013 | (87) EP2014062944 | (22) 18.03.2011 |
| (22) 07.06.2012 | 23.12.2015 | (54) STAMPING MECHANISM FOR BEACON |
| (54) SIGNALING BASED METHOD | (22) 19.06.2014 | MESSAGE TRANSMISSION |
| AND NETWORK APPARATUS FOR | (54) APPARATUSES AND METHODS | (73) NEC Corporation |
| TRANSFERRING INSTANT MDT | THEREIN FOR RELAYING AN | (72) ZAPPULLA Fabrice |
| CONFIGURATION INFORMATION | ONGOING DATA SESSION | (31) 10157561 |
| (73) ZTE Corporation | (73) Telefonaktiebolaget LM Ericsson (publ) | (32) 24.03.2010 |
| (72) GAO, Yin | (72) RYDNELL, Gunnar | (33) European Patent Office (EPO) |
| (31) 201110279401 | TOTH, Stefan | (51) H04W 48/16 |
| (32) 20.09.2011 | GUSTAFSSON, Roland | (11) EP3086602 |
| (33) China | (51) H04W 36/00 | (21) EP16169044.1 |
| (51) H04W 28/02 | H04B 7/024 | (47) 23.05.2018 |
| H04L 12/18 | (11) EP2811683 | (22) 27.03.2014 |
| (11) EP2769503 | (21) EP13751569.8 | (54) TECHNIQUES FOR WIRELESS |
| (21) EP11773262.8 | (47) 23.05.2018 | NETWORK DISCOVERY AND |
| (47) 23.05.2018 | (87) CN2013071811 | SELECTION SUPPORT |
| (87) EP2011068437 | 29.08.2013 | (73) Intel Corporation |
| 25.04.2013 | (22) 25.02.2013 | Intel IP Corporation |
| (22) 21.10.2011 | (54) METHOD, USER EQUIPMENT AND | (72) Gupta, Vivek |
| (54) BEARER SERVICE IN | SYSTEM FOR HANDOVER IN A COMP | (31) 201361806821 P |
| COMMUNICATIONS | SCENARIO | 201361841230 P |
| (73) Nokia Solutions and Networks Oy | (73) Huawei Technologies Co., Ltd. | (32) 29.03.2013 |
| (72) LAITILA, Matti, Einari | (72) XIAO, Dengkun | 28.06.2013 |
| VESTERINEN, Seppo, Ilmari | ZHANG, Yuxiang | (33) United States of America |
| (51) H04W 28/02 | YANG, Qing | United States of America |
| H04W 88/06 | LI, Hong | (51) H04W 48/16 |
| (11) EP3001765 | (31) 201210043503 | H04J 11/00 |
| (21) EP15186622.5 | (32) 24.02.2012 | H04L 5/00 |
| (47) 23.05.2018 | (33) China | H04W 56/00 |
| (22) 24.09.2015 | (51) H04W 36/00 | H04L 27/26 |
| (54) MULTI-RAT RADIO RESOURCE | H04W 36/30 | H04L 25/02 |
| AGGREGATION WITH SPLIT BEARER | H04W 36/36 | (11) EP2732663 |
| SUPPORT | H04W 60/04 | (21) EP11867550.3 |
| (73) APPLE INC. | (11) EP2557842 | (47) 23.05.2018 |
| (72) BELGHOUL, Farouk | (21) EP11360036.5 | (87) CN2011077021 |
| TABET, Tarik | (47) 23.05.2018 | 13.12.2012 |
| ZHANG, Dawei | (22) 10.08.2011 | (22) 11.07.2011 |
| (31) 201462054539 P | (54) Autonomous cell reselection by a user | (54) METHOD OF CELL SEARCH IN |
| 201514862735 | equipment | WIRELESS COMMUNICATION SYSTEM |
| (32) 24.09.2014 | (73) Alcatel Lucent | (73) Huawei Technologies Co., Ltd. |
| 23.09.2015 | (72) Wong, Shin Horng | (72) BERGGREN, Fredrik |
| (33) United States of America | Puddle, Nicola | (51) H04W 48/16 |
| United States of America | Brend, Graham | H04W 48/20 |
| (51) H04W 28/08 | (51) H04W 36/00 | H04W 8/00 |
| H04L 12/801 | H04W 76/02 | H04W 84/12 |
| H04W 84/12 | H04W 76/06 | (11) EP2900031 |
| H04W 88/08 | H04W 36/14 | (21) EP12886879.1 |
| (11) EP1727312 | (11) EP2858414 | (47) 23.05.2018 |
| (21) EP05706649.0 | (21) EP13805145.3 | (87) CN2012083131 |
| (47) 23.05.2018 | (47) 23.05.2018 | 24.04.2014 |
| (87) CN2005000213 | (87) CN2013079316 | (22) 18.10.2012 |
| 15.09.2005 | 19.12.2013 | (54) FINDING WIRELESS LOCAL AREA |
| (22) 23.02.2005 | (22) 12.07.2013 | NETWORK |
| (54) A METHOD FOR ACHIEVING LOAD | (54) METHOD AND APPARATUS FOR | (73) Huawei Technologies Co., Ltd. |
| BALANCE BETWEEN ACCESS POINT | IMPLEMENTING VOICE SERVICE | (72) LUO, Haiyan |
| DEVICES IN THE WIRELESS LOCAL | FALLBACK | DENG, Tianle |
| AREA NETWORK | (73) ZTE Corporation | |

| | | |
|--|-------------------------------|-----------------------------------|
| (51) H04W 48/18 | 408858 P | 201313802621 |
| (11) EP2172042 | 201161533021 P | (32) 27.04.2012 |
| (21) EP08736335.4 | 416033 P | 13.03.2013 |
| (47) 23.05.2018 | (32) 09.09.2011 | (33) United States of America |
| (87) EP2008054676 | 22.11.2010 | United States of America |
| 24.12.2008 | 01.11.2010 | <hr/> |
| (22) 17.04.2008 | 01.11.2010 | (51) H04W 52/02 |
| (54) METHODS, APPARATUSES AND | 07.01.2011 | (11) EP2842372 |
| COMPUTER PROGRAM PRODUCT FOR | 01.11.2010 | (21) EP13720740.3 |
| ACCESS DOMAIN SELECTION FOR THE | 01.11.2010 | (47) 23.05.2018 |
| MEDIA CHANNEL AND THE SESSION | 01.11.2010 | (87) US2013038527 |
| CONTROL CHANNEL | 09.09.2011 | 31.10.2013 |
| (73) Nokia Solutions and Networks Oy | 01.11.2010 | (22) 26.04.2013 |
| (72) MUTIKAINEN, Jari | 01.11.2010 | (54) METHOD AND APPARATUS FOR |
| MELANDER, Mari | 09.09.2011 | SIGNALING IN DENSE NETWORK |
| SAARENPAÄ, Matti | 22.11.2010 | OPERATIONS |
| ÖTTL, Martin | (33) United States of America | (73) Qualcomm Incorporated |
| WONG, Curt | United States of America | (72) XU, Hao |
| (31) 929238 P | United States of America | MALLADI, Durga Prasad |
| (32) 19.06.2007 | United States of America | WEI, Yongbin |
| (33) United States of America | United States of America | GAAL, Peter |
| <hr/> | United States of America | CHEN, Wanshi |
| (51) H04W 48/18 | United States of America | DAMNJANOVIC, Aleksandar |
| (11) EP2592859 | United States of America | LUO, Tao |
| (21) EP11803083.2 | United States of America | (31) 201261639778 P |
| (47) 23.05.2018 | United States of America | 201313802649 |
| (87) CN2011072752 | United States of America | (32) 27.04.2012 |
| 12.01.2012 | United States of America | 13.03.2013 |
| (22) 13.04.2011 | United States of America | (33) United States of America |
| (54) DATA ACCOUNT MANAGING METHOD | United States of America | United States of America |
| FOR MOBILE COMMUNICATION | (51) H04W 48/18 | <hr/> |
| TERMINAL | H04W 48/02 | (51) H04W 52/02 |
| (73) Huizhou TCL Mobile Communication Co., | H04W 88/06 | (11) EP2713662 |
| Ltd. | (11) EP2823673 | (21) EP13186735.0 |
| (72) ZHENG, Yu | (21) EP13717867.9 | (47) 23.05.2018 |
| (31) 201010223638 | (47) 23.05.2018 | (22) 30.09.2013 |
| (32) 09.07.2010 | (87) IB2013051750 | (54) LOW ENERGY SHORT RANGE |
| (33) China | 12.09.2013 | COMMUNICATION FUNCTION |
| <hr/> | (22) 05.03.2013 | OPERATION METHOD AND |
| (51) H04W 48/18 | (54) METHOD AND APPARATUS FOR | APPARATUS OF MOBILE TERMINAL |
| H04W 28/18 | IMPROVING EFFICIENCY OF | (73) Samsung Electronics Co., Ltd |
| G06F 15/16 | CELLULAR COMMUNICATION | (72) Heo, Changryong |
| H04L 29/06 | (73) Xiaomi H.K. Limited | Park, Kenhyung |
| H04W 52/02 | (72) HIETALAHTI, Hannu | Shin, Hyunseok |
| H04W 76/04 | (31) 201204039 | Kim, Hyunsoo |
| H04L 29/08 | 201213633926 | (31) 20120109406 |
| H04W 4/18 | (32) 07.03.2012 | (32) 28.09.2012 |
| (11) EP2636252 | 03.10.2012 | (33) Korea (Republic) |
| (21) EP11838705.9 | (33) United Kingdom | <hr/> |
| (47) 23.05.2018 | United States of America | (51) H04W 52/02 |
| (87) US2011058843 | <hr/> | (11) EP2842374 |
| 10.05.2012 | (51) H04W 52/02 | (21) EP13722202.2 |
| (22) 01.11.2011 | (11) EP2842373 | (47) 23.05.2018 |
| (54) MOBILE TRAFFIC CATEGORIZATION | (21) EP13722200.6 | (87) US2013038472 |
| AND POLICY FOR NETWORK USE | (47) 23.05.2018 | 31.10.2013 |
| OPTIMIZATION WHILE PRESERVING | (87) US2013038451 | (22) 26.04.2013 |
| USER EXPERIENCE | 31.10.2013 | (54) METHOD AND APPARATUS FOR |
| (73) Seven Networks, LLC | (22) 26.04.2013 | SIGNALING IN DENSE NETWORK |
| (72) LUNA, Michael | (54) METHOD AND APPARATUS FOR | OPERATIONS |
| BACKHOLM, Ari | SIGNALING IN DENSE NETWORK | (73) Qualcomm Incorporated |
| (31) 201161533007 P | OPERATIONS | (72) MALLADI, Durga Prasad |
| 416020 P | (73) Qualcomm Incorporated | WEI, Yongbin |
| 408846 P | (72) XU, Hao | GAAL, Peter |
| 408826 P | MALLADI, Durga Prasad | CHEN, Wanshi |
| 201161430828 P | WEI, Yongbin | DAMNJANOVIC, Aleksandar |
| 408854 P | GAAL, Peter | LUO, Tao |
| 408820 P | CHEN, Wanshi | XU, Hao |
| 408829 P | DAMNJANOVIC, Aleksandar | (31) 201261639778 P |
| 201161532857 P | LUO, Tao | 201313802637 |
| 408839 P | (31) 201261639778 P | (32) 27.04.2012 |
| | | 13.03.2013 |

| | | |
|---|------------------------------------|---|
| (33) United States of America United States of America | H04B 7/06 (11) EP3024290 | H04W 52/44 H04W 52/28 |
| (51) H04W 52/02 | (21) EP13891866.9 | (11) EP2351438 |
| (11) EP3187006 | (47) 23.05.2018 | (21) EP09779360.8 |
| (21) EP14758355.3 | (87) CN2013081850 | (47) 23.05.2018 |
| (47) 23.05.2018 | 26.02.2015 | (87) EP2009055050 |
| (87) EP2014068258 | (22) 20.08.2013 | 29.04.2010 |
| 03.03.2016 | (54) METHOD FOR CONTROLLING | (22) 27.04.2009 |
| (22) 28.08.2014 | TRANSMISSION POWER IN | (54) METHOD AND APPARATUS TO ADJUST |
| (54) SYSTEM POWER MANAGEMENT | MULTICHANNEL SYSTEM, RECEPTION | THE RATE OF TRANSMISSION POWER |
| AND OPTIMIZATION IN | END AND TRANSMISSION END | CONTROL COMMANDS |
| TELECOMMUNICATION SYSTEMS | (73) Huawei Technologies Co., Ltd. | (73) SnapTrack, Inc. |
| (73) Nokia Solutions and Networks Oy | (72) CHEN, Zihuan | (72) KARLSSON, Thomas |
| (72) EVANGELINAKIS, Dimitrios | (51) H04W 52/24 | (31) 257863 |
| SKRAPARLIS, Dimitrios | H04W 52/14 | (32) 24.10.2008 |
| (51) H04W 52/02 | (11) EP3141050 | (33) United States of America |
| H04W 36/16 | (21) EP15721080.8 | (51) H04W 56/00 |
| (11) EP3090597 | (47) 23.05.2018 | (11) EP2629573 |
| (21) EP14838871.3 | (87) US2015026653 | (21) EP13168049.8 |
| (47) 23.05.2018 | 12.11.2015 | (47) 23.05.2018 |
| (87) IB2014067416 | (22) 20.04.2015 | (22) 08.04.2010 |
| 09.07.2015 | (54) MAXIMUM PATHLOSS MEASUREMENT | (54) Minimizing the impact of self |
| (22) 30.12.2014 | FOR BROADCAST COMMUNICATION | synchronization on wireless communication |
| (54) METHODS AND DEVICES FOR | (73) Qualcomm Incorporated | devices |
| DEACTIVATING A NODE IN A | (72) BODAS, Shreeshankar | (73) Qualcomm Incorporated |
| COMMUNICATION NETWORK | TAVILDAR, Saurabha Rangrao | (72) Palanki, Ravi |
| (73) Telefonaktiebolaget LM Ericsson (publ) | LASHGARI, Sina | Gheorghiu, Valentin A. |
| (72) DIMOU, Konstantinos | (31) 201414272128 | (31) 167653 P |
| (31) 201314144692 | (32) 07.05.2014 | 755288 |
| (32) 31.12.2013 | (33) United States of America | (32) 08.04.2009 |
| (33) United States of America | (51) H04W 52/28 | 06.04.2010 |
| (51) H04W 52/02 | H04W 52/02 | (33) United States of America |
| H04W 84/12 | (11) EP2417806 | United States of America |
| (11) EP3060013 | (21) EP10715008.8 | (51) H04W 56/00 |
| (21) EP16162001.8 | (47) 23.05.2018 | (11) EP2901776 |
| (47) 23.05.2018 | (87) US2010030278 | (21) EP13730406.9 |
| (22) 31.10.2012 | 14.10.2010 | (47) 23.05.2018 |
| (54) METHOD FOR TRANSMITTING AND | (22) 07.04.2010 | (87) US2013043908 |
| RECEIVING FRAME PERFORMED BY | (54) WIRELESS POWER TRANSMISSION | 03.04.2014 |
| STATION OPERATING IN POWER SAVE | SCHEDULING | (22) 03.06.2013 |
| MODE IN WIRELESS LOCAL AREA | (73) QUALCOMM Incorporated | (54) UPLINK TIMING MAINTENANCE UPON |
| NETWORK SYSTEM AND APPARATUS | (72) LI, Peng | TIME ALIGNMENT TIMER EXPIRY |
| FOR THE SAME | (31) 167512 P | (73) BlackBerry Limited |
| (73) LG Electronics, Inc. | 715988 | (72) SUZUKI, Takashi |
| (72) SEOK, Yong Ho | (32) 07.04.2009 | EARNSHAW, Andrew, Mark |
| (31) 201261594378 P | 02.03.2010 | CAI, Zhijun |
| (32) 03.02.2012 | (33) United States of America | (31) 201261706689 P |
| (33) United States of America | United States of America | (32) 27.09.2012 |
| (51) H04W 52/14 | (51) H04W 52/34 | (33) United States of America |
| H04W 52/36 | (11) EP2559299 | (51) H04W 68/04 |
| (11) EP3113552 | (21) EP11738848.8 | (11) EP3065477 |
| (21) EP14886731.0 | (47) 23.05.2018 | (21) EP16150777.7 |
| (47) 23.05.2018 | (87) US2011032772 | (47) 23.05.2018 |
| (87) CN2014073941 | 20.10.2011 | (22) 11.01.2016 |
| 01.10.2015 | (22) 15.04.2011 | (54) PAGING METHOD AND PAGING |
| (22) 24.03.2014 | (54) LOAD CONTROL IN UPLINK | DEVICE |
| (54) METHOD FOR CONTROLLING UPLINK | INTERFERENCE CANCELLATION | (73) Sercomm Corporation |
| POWER, USER EQUIPMENT, AND BASE | SYSTEMS WITH SOFT DECISION | (72) Cao, Ruo-Yu |
| STATIONS | (73) Qualcomm Incorporated | (31) 201510084736 |
| (73) Huawei Technologies Co. Ltd. | (72) SAMBHWANI, Sharad Deepak | (32) 16.02.2015 |
| (72) QU, Bingyu | ZENG, Wei | (33) China |
| HE, Chuanfeng | (31) 201113087148 | (51) H04W 72/00 |
| (51) H04W 52/24 | 324700 P | H04L 1/00 |
| H04W 52/04 | (32) 14.04.2011 | H04L 5/00 |
| H04W 52/42 | 15.04.2010 | H04B 7/15 |
| H04W 52/08 | (33) United States of America | (11) EP2728951 |
| H04B 7/0456 | United States of America | (21) EP14152927.1 |
| | (51) H04W 52/60 | (47) 23.05.2018 |

| | | |
|--|---|--|
| (22) 23.06.2011 | (11) EP2643987 | (22) 24.08.2012 |
| (54) Adapting code rate | (21) EP11842703.8 | (54) RADIO COMMUNICATION METHOD, RADIO COMMUNICATION SYSTEM, RADIO BASE STATION, AND RADIO TERMINAL |
| (73) Huawei Technologies Co., Ltd. | (47) 23.05.2018 | (73) Fujitsu Limited |
| (72) Soong, Anthony | (87) KR2011008946 | (72) ITO, Akira |
| Sartori, Philippe | 31.05.2012 | <hr/> |
| Classon, Brian | (22) 23.11.2011 | (51) H04W 72/12 |
| Li, Zhongfeng | (54) METHOD OF COMMUNICATING DATA BASED ON AN UNLICENSED BAND IN A WIRELESS COMMUNICATION SYSTEM | (11) EP2099249 |
| Gong, Zhengwei | (73) LG Electronics Inc. | (21) EP09002890.3 |
| (31) 357840 P | (72) KIM, Sang Gook | (47) 23.05.2018 |
| 201113165244 | LEE, Ki Dong | (22) 27.02.2009 |
| (32) 23.06.2010 | ROH, Dong Wook | (54) Method and apparatus for performing buffer status reporting |
| 21.06.2011 | SUN, Li-Hsiang | (73) Innovative Sonic Limited |
| (33) United States of America | (31) 417127 P | (72) Tseng, Li-Chih |
| United States of America | 201113302567 | (31) 33020 P |
| <hr/> | (32) 24.11.2010 | (32) 03.03.2008 |
| (51) H04W 72/04 | (33) United States of America | (33) United States of America |
| (11) EP2262344 | United States of America | <hr/> |
| (21) EP09721471.2 | (51) H04W 72/04 | (51) H04W 72/12 |
| (47) 23.05.2018 | H04W 24/02 | H04W 72/04 |
| (87) JP2009054926 | H04W 16/32 | H04W 4/06 |
| 24.09.2009 | H04W 92/20 | H04W 16/14 |
| (22) 13.03.2009 | (11) EP2884798 | (11) EP3130193 |
| (54) MOBILE STATION DEVICE, BASE STATION DEVICE, COMMUNICATION METHOD, AND COMMUNICATION SYSTEM | (21) EP13827985.6 | (21) EP15720825.7 |
| (73) Huawei Technologies Co., Ltd. | (47) 23.05.2018 | (47) 23.05.2018 |
| (72) SATO, Seiji | (87) CN2013080560 | (87) US2015024570 |
| AKIMOTO, Yosuke | 13.02.2014 | 15.10.2015 |
| YAMADA, Shohei | (22) 31.07.2013 | (22) 06.04.2015 |
| AIBA, Tatsushi | (54) METHOD, SYSTEM AND DEVICE FOR CELL MANAGEMENT | (54) ADAPTIVELY USING SUBFRAMES FOR RADAR DETECTION IN UNLICENSED SPECTRUM |
| (31) 2008072465 | (73) China Academy of Telecommunications Technology | (73) Qualcomm Incorporated |
| (32) 19.03.2008 | (72) ZHAO, Yali | (72) FAN, Mingxi |
| (33) Japan | LIANG, Jing | SADEK, Ahmed Kamel |
| <hr/> | FU, Zhe | BHUSHAN, Naga |
| (51) H04W 72/04 | (31) 201210280081 | (31) 201461978661 P |
| (11) EP2384598 | (32) 08.08.2012 | 201414457830 |
| (21) EP09786293.2 | (33) China | (32) 11.04.2014 |
| (47) 23.05.2018 | (51) H04W 72/04 | 12.08.2014 |
| (87) IB2009050163 | H04W 72/08 | (33) United States of America |
| 22.07.2010 | H04W 76/02 | United States of America |
| (22) 16.01.2009 | (11) EP2819472 | <hr/> |
| (54) APPARATUS AND METHOD OFSCHEDULING RESOURCES FOR DEVICE-TO-DEVICE COMMUNICATIONS | (21) EP12868960.1 | (51) H04W 72/12 |
| (73) Nokia Technologies Oy | (47) 23.05.2018 | H04W 72/04 |
| (72) CHARBIT, Gilles | (87) CN2012076035 | H04W 16/14 |
| CHEN, Tao | 29.08.2013 | H04L 5/00 |
| HAKOLA, Sami | (22) 25.05.2012 | (11) EP2661115 |
| KOSKELA, Timo | (54) END-TO-END D2D COMMUNICATION METHOD AND D2D COMMUNICATION DEVICE | (21) EP11856947.4 |
| <hr/> | (73) Huawei Technologies Co., Ltd. | (47) 23.05.2018 |
| (51) H04W 72/04 | (72) YU, Rongdao | (87) CN2011079887 |
| (11) EP2907338 | LIU, Sheng | 02.08.2012 |
| (21) EP13845075.4 | (31) 201210042037 | (22) 20.09.2011 |
| (47) 23.05.2018 | (32) 23.02.2012 | (54) METHOD AND SYSTEM FOR SHARING FREQUENCY SPECTRUM BETWEEN GSM SYSTEM AND LTE SYSTEM |
| (87) JP2013005145 | (33) China | (73) ZTE Corporation |
| 17.04.2014 | (51) H04W 72/04 | (72) XIANG, Jiyong |
| (22) 30.08.2013 | H04W 72/12 | YU, Guanghui |
| (54) COMMUNICATIONS NODE | H04W 4/00 | HU, Liujun |
| (73) NEC Corporation | H04W 88/04 | CHEN, Shijun |
| (72) NGUYEN, Phong | (11) EP2890193 | WU, Yanwei |
| LAN, Yuanrong | (21) EP12883235.9 | HE, Zhaogang |
| (31) 2012904479 | (47) 23.05.2018 | ZHAO, Xianming |
| (32) 12.10.2012 | (87) JP2012005325 | XIE, Daxiong |
| (33) Australia | 27.02.2014 | (31) 201110031601 |
| <hr/> | | (32) 28.01.2011 |
| (51) H04W 72/04 | | (33) China |
| H04W 16/14 | | <hr/> |
| H04W 84/04 | | (51) H04W 72/14 |
| H04W 72/08 | | |
| H04W 88/10 | | |

| | | |
|--|--|--|
| H04L 1/16 | H04W 84/18 | Ramamurthy, Venugopal (Gopal) |
| H04L 1/18 | (11) EP2736298 | (31) 654771 P |
| H04L 1/08 | (21) EP12814154.6 | 239711 |
| (11) EP1891830 | (47) 23.05.2018 | (32) 17.02.2005 |
| (21) EP06773355.0 | (87) KR2012005634 | 29.09.2005 |
| (47) 23.05.2018 | 24.01.2013 | (33) United States of America |
| (87) US2006023506 | (22) 13.07.2012 | United States of America |
| 28.12.2006 | (54) RESOURCE MAPPING FOR PEER | (51) H04W 76/04 |
| (22) 16.06.2006 | DISCOVERY MESSAGES | H04W 76/06 |
| (54) LINK ASSIGNMENT MESSAGES | (73) LG Electronics Inc. | H04W 8/18 |
| IN LIEU OF ASSIGNMENT | (72) KANG, Seung Hyun | H04W 8/20 |
| ACKNOWLEDGEMENT MESSAGES | CHO, Han Gyu | H04W 28/00 |
| (73) QUALCOMM INCORPORATED | LIM, Dong Guk | (11) EP2480022 |
| (72) BARRIAC, Gwendolyn D., c/o Qualcomm | (31) 201161510079 P | (21) EP12164350.6 |
| Incorporated | 201161510080 P | (47) 23.05.2018 |
| TEAGUE, Edward, Harrison | 201161544261 P | (22) 27.02.2009 |
| (31) 691703 P | 201161544262 P | (54) Bearer processing method and mobile |
| (32) 16.06.2005 | (32) 21.07.2011 | management device |
| (33) United States of America | 21.07.2011 | (73) Huawei Technologies Co., Ltd. |
| (51) H04W 74/00 | 06.10.2011 | (72) Di, Zhiyu |
| H04W 72/08 | 06.10.2011 | Wu, Wenfu |
| (11) EP2898745 | (33) United States of America | Wang, Shanshan |
| (21) EP13842220.9 | United States of America | (31) 200810085728 |
| (47) 23.05.2018 | United States of America | (32) 13.03.2008 |
| (87) US2013061992 | United States of America | (33) China |
| 03.04.2014 | (51) H04W 74/08 | (51) H04W 80/02 |
| (22) 26.09.2013 | H04W 84/12 | H04W 28/02 |
| (54) SYSTEM AND METHOD FOR RANDOM | H04W 48/04 | H04L 1/18 |
| ACCESS IN HETEROGENEOUS | G06F 9/455 | H04L 1/16 |
| COMMUNICATIONS SYSTEMS | (11) EP2939489 | H04W 28/06 |
| (73) Huawei Technologies Co., Ltd. | (21) EP13880915.7 | (11) EP2763363 |
| (72) LIU, Jialing | (47) 23.05.2018 | (21) EP12851508.7 |
| QU, Bingyu | (87) US2013034749 | (47) 23.05.2018 |
| XIAO, Weimin | 09.10.2014 | (87) CN2012085237 |
| (31) 201261705987 P | (22) 31.03.2013 | 30.05.2013 |
| (32) 26.09.2012 | (54) SCHEDULE FOR ACCESS TO SHARED | (22) 26.11.2012 |
| (33) United States of America | WIRELESS MEDIUM BASED ON | (54) RLC DATA PACKET TRANSMISSION |
| (51) H04W 74/04 | PROFILE DATA | ACKNOWLEDGEMENT METHOD AND |
| H04W 52/02 | (73) Hewlett Packard Enterprise Development LP | RLC AM ENTITY SENDING PARTY |
| H04W 84/06 | (72) CHOI, Byung, Kyu | (73) Huawei Technologies Co., Ltd. |
| (11) EP2632208 | (51) H04W 76/02 | (72) QUAN, Wei |
| (21) EP12156450.4 | H04L 12/66 | JIANG, Yi |
| (47) 23.05.2018 | (11) EP2417826 | (31) 201110378143 |
| (22) 22.02.2012 | (21) EP10762240.9 | 201210021900 |
| (54) WIRELESS NETWORK FOR AIRCRAFT | (47) 23.05.2018 | (32) 24.11.2011 |
| CABIN | (87) US2010029737 | 31.01.2012 |
| (73) Zodiac Aerotechnics | 14.10.2010 | (33) China |
| (72) Glösekötter, Peter | (22) 02.04.2010 | China |
| Meckes, Rüdiger | (54) DIRECT PEER LINK ESTABLISHMENT | (51) H04W 80/06 |
| Rittner, Wolfgang | IN WIRELESS NETWORKS | H04W 80/04 |
| Boomgarden, Günter | (73) Intel Corporation | H04W 88/06 |
| (51) H04W 74/08 | (72) SOOD, Kapil | H04L 29/12 |
| (11) EP3139692 | (31) 384522 | (11) EP2437568 |
| (21) EP16195758.4 | (32) 06.04.2009 | (21) EP10780569.9 |
| (47) 23.05.2018 | (33) United States of America | (47) 23.05.2018 |
| (22) 07.03.2014 | (51) H04W 76/02 | (87) JP2010058895 |
| (54) FLEXIBLE TRANSMISSION AND | H04L 29/06 | 02.12.2010 |
| BACK-OFF INTERVALS IN NETWORK | H04W 80/04 | (22) 26.05.2010 |
| DEVICES | (11) EP2276291 | (54) WIRELESS LAN ACCESS |
| (73) QUALCOMM Incorporated | (21) EP10179619.1 | POINT APPARATUS, MOBILE |
| (72) WENTINK, Maarten Menzo | (47) 23.05.2018 | COMMUNICATION TERMINAL, |
| (31) 201361774414 P | (22) 16.02.2006 | COMMUNICATION METHOD, AND |
| (32) 07.03.2013 | (54) Control of data call origination based on prior | PROGRAM |
| (33) United States of America | origination attempts | (73) NEC Corporation |
| (51) H04W 74/08 | (73) Qualcomm Incorporated | (72) SEO, Takahiro |
| H04W 48/16 | (72) Nookala, Sriram Nagesh | (31) 2009128035 |
| H04W 8/00 | Cooper, Rotem | (32) 27.05.2009 |
| H04W 28/04 | Hutchison, James A. | (33) Japan |

| | | |
|---|---|--|
| (51) H04W 88/02 G06F 3/048 G06F 1/32 G06F 3/01 H04M 1/67 | H05B 6/70 A23L 5/10 A47J 29/02 H05B 6/80 | (54) FLEXIBLE CIRCUIT BOARD AND DISPLAY DEVICE INCLUDING THE SAME |
| (11) EP2618626 (21) EP10857309.8 (47) 23.05.2018 (87) KR2010006237 22.03.2012 (22) 13.09.2010 | (11) EP3133962 (21) EP15715741.3 (47) 23.05.2018 (87) EP2015058056 29.10.2015 (22) 14.04.2015 | (73) Samsung Display Co., Ltd. (72) Ahn, Hyeong-Cheol (31) 20150035256 (32) 13.03.2015 (33) Korea (Republic) |
| (54) MOBILE TERMINAL AND METHOD FOR CONTROLLING OPERATION THEREOF | (54) AN APPARATUS FOR COOKING AT LEAST ONE EGG WITH AN EGGSHELL AS WELL AS SUCH A METHOD | (51) H05K 1/14 H01R 12/73 H01R 12/70 (11) EP2555600 (21) EP11176064.1 (47) 23.05.2018 (22) 30.07.2011 (54) A PCB arrangement (73) Advanced Digital Broadcast S.A. (72) Paczkowski, Jacek |
| (73) Taiwan Semiconductor Manufacturing Company, Ltd. (72) LEE, Jungsu CHOI, Jinwook LEE, Seungwon BAEK, Seungcheon | (73) Eggciting Products B.V. (72) NELISSEN, Joseph Wilhelmus Petrus Maria VAN SCHAİK, Sander-Willem HANSSEN, Edwin Matheus Jozef (31) 2012689 (32) 24.04.2014 (33) Netherlands | (51) H05K 1/18 H05K 1/02 H05K 1/03 (11) EP2702842 (21) EP12864805.2 (47) 23.05.2018 (87) US2012032888 18.07.2013 (22) 10.04.2012 (54) CIRCUIT ELEMENT COUPLING DEVICES AND METHODS FOR FLEXIBLE AND OTHER CIRCUITS (73) Soligie, Inc. (72) TATE, Michael, J. SIME, David, G. (31) 201113093117 (32) 25.04.2011 (33) United States of America |
| (51) H04W 88/08 (11) EP3189705 (21) EP14772464.5 (47) 23.05.2018 (87) SE2014051001 10.03.2016 (22) 01.09.2014 | (51) H05B 33/08 H02H 7/12 H02M 3/157 (11) EP2559323 (21) EP11717105.8 (47) 23.05.2018 (87) US2011032528 20.10.2011 (22) 14.04.2011 | (51) H05K 7/20 (11) EP2713687 (21) EP12843598.9 (47) 23.05.2018 (87) CN2012083535 02.05.2013 (22) 26.10.2012 (54) HEAT DISSIPATION SYSTEM FOR COMMUNICATION DEVICE WITH BOX- TYPE CHASSIS, BOX-TYPE CASSIS, AND COMMUNICATION DEVICE (73) Huawei Technologies Co., Ltd. (72) CHEN, Gang ZHANG, Shoukai SHU, Liwen TANG, Weidong (31) 201110331930 (32) 27.10.2011 (33) China |
| (54) SPLITTER DEVICE CONNECTING MULTIPLE REMOTE RADIO HEADS (73) Telefonaktiebolaget LM Ericsson (publ) (72) BERG, Miguel LU, Chenguang ERIKSSON, Per-Erik TROJER, Elmar | (54) FAULT PROTECTED CURRENT SOURCE FOR LIGHTING ELEMENT TESTING (73) Vektrex Electronic Systems, Inc. (72) HULETT, Jeffrey, Neil (31) 282870 P 201113086313 (32) 14.04.2010 13.04.2011 (33) United States of America United States of America | (51) H05H 1/34 H01L 21/3065 H01L 21/203 H01L 21/205 H01L 21/265 C23C 16/455 C23C 16/509 H01J 37/32 (11) EP2316253 (21) EP09806941.2 (47) 23.05.2018 (87) US2009004495 18.02.2010 (22) 06.08.2009 |
| (51) H05B 3/84 (11) EP3192326 (21) EP15766211.5 (47) 23.05.2018 (87) GB2015052621 17.03.2016 (22) 10.09.2015 | (51) H05H 1/34 H01L 21/3065 H01L 21/203 H01L 21/205 H01L 21/265 C23C 16/455 C23C 16/509 H01J 37/32 (11) EP2316253 (21) EP09806941.2 (47) 23.05.2018 (87) US2009004495 18.02.2010 (22) 06.08.2009 | (51) H05K 1/02 H05K 1/11 H05K 1/18 (11) EP3068198 (21) EP16159776.0 (47) 23.05.2018 (22) 11.03.2016 |
| (54) HEATED COATED GLAZING (73) Pilkington Group Limited (72) CHAMBERLAIN, Mark Andrew HAZZARD, Alan David (31) 201416175 (32) 12.09.2014 (33) United Kingdom | (54) A COMPOSITE SHOWERHEAD ELECTRODE ASSEMBLY FOR A PLASMA PROCESSING APPARATUS (73) Lam Research Corporation (72) DHINDSA, Rajinder (31) 222778 (32) 15.08.2008 (33) United States of America | (51) H05K 7/20 (11) EP2996451 (21) EP14879676.6 (47) 23.05.2018 (87) CN2014080563 30.07.2015 (22) 24.06.2014 (54) AIR DIRECTING SYSTEM (73) Huawei Technologies Co., Ltd. (72) LI, Wei ZHANG, Zhao CHEN, Jie WANG, Nan |
| (51) H05B 6/12 H05B 6/06 (11) EP2579680 (21) EP11786272.2 (47) 23.05.2018 (87) JP2011002426 01.12.2011 (22) 25.04.2011 | (51) H05H 1/34 H01L 21/3065 H01L 21/203 H01L 21/205 H01L 21/265 C23C 16/455 C23C 16/509 H01J 37/32 (11) EP2316253 (21) EP09806941.2 (47) 23.05.2018 (87) US2009004495 18.02.2010 (22) 06.08.2009 | (51) H05K 1/02 H05K 1/11 H05K 1/18 (11) EP3068198 (21) EP16159776.0 (47) 23.05.2018 (22) 11.03.2016 |
| (54) INDUCTION HEATING COOKER (73) Mitsubishi Electric Corporation Mitsubishi Electric Home Appliance Co., Ltd. (72) GOTO, Haruyo BUNYA, Jun SATO, Suguru KINOSHITA, Hirokazu KAWADA, Yukio (31) 2010122206 (32) 28.05.2010 (33) Japan | (54) A COMPOSITE SHOWERHEAD ELECTRODE ASSEMBLY FOR A PLASMA PROCESSING APPARATUS (73) Lam Research Corporation (72) DHINDSA, Rajinder (31) 222778 (32) 15.08.2008 (33) United States of America | (51) H05K 1/02 H05K 1/11 H05K 1/18 (11) EP3068198 (21) EP16159776.0 (47) 23.05.2018 (22) 11.03.2016 |
| (51) H05B 6/64 | (51) H05B 6/64 | (51) H05K 1/02 H05K 1/11 H05K 1/18 (11) EP3068198 (21) EP16159776.0 (47) 23.05.2018 (22) 11.03.2016 |

- (31) 201410033727
(32) 23.01.2014
(33) China
-
- (51) H05K 7/20
H01L 23/473
(11) EP2838329
(21) EP13775403.2
(47) 23.05.2018
(87) JP2013057472
17.10.2013
(22) 15.03.2013
(54) COOLING STRUCTURE, VORTEX-
FLOW FORMING PLATE MOLDING
APPARATUS, AND METHOD
FOR MOLDING VORTEX-FLOW
GENERATING PORTION
(73) Nissan Motor Co., Ltd
(72) KOIZUKA, Yousuke
NAKAYAMA, Tatsuomi
ISHIKAWA, Ichiro
(31) 2012089202
2013042572
(32) 10.04.2012
05.03.2013
(33) Japan
Japan
-
- (51) H05K 13/02
(11) EP2903404
(21) EP12885826.3
(47) 23.05.2018
(87) JP2012074850
03.04.2014
(22) 27.09.2012
(54) COMPONENT SUPPLY DEVICE
(73) Fuji Machine Mfg. Co., Ltd.
(72) KAKO, Tetsuya
NAKAI, Kenji
SHIOYA, Satoshi
-
- (51) H05K 13/02
B65H 19/18
B65H 21/00
(11) EP2986098
(21) EP13881710.1
(47) 23.05.2018
(87) JP2013060964
16.10.2014
(22) 11.04.2013
(54) SPLICING DEVICE
(73) Fuji Machine Mfg. Co., Ltd.
(72) CHI Xiao Dong
-
- (51) H05K 13/04
(11) EP2741597
(21) EP13005622.9
(47) 23.05.2018
(22) 03.12.2013
(54) Jam prevention mechanism
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) Kobayashi, Yusetsu
Akiyoshi, Hiroshi
Kusunoki, Toshiyuki
(31) 2012265945
(32) 05.12.2012
(33) Japan
-

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.

| | | |
|--|---|---|
| (11) EP2288196 | (33) European Patent Office (EPO) | (74) ir. C.M. Jansen c.s. |
| (21) EP10176878.6 | (47) 07.02.2018 | (31) 476005 P |
| (22) 10.01.2007 | (51) A01D 87/12 | 477447 P |
| (54) Wireless communication methods and apparatus supporting synchronization | (11) EP2509405 | 388273 P |
| (73) Qualcomm Incorporated | (21) EP10798748.9 | 327240 P |
| (72) Laroia, Rajiv | (22) 07.12.2010 | (32) 15.04.2011 |
| Lane, Frank A. | (54) A BALE CUTTING APPARATUS AND METHOD | 20.04.2011 |
| Li, Junyi | (73) Sheedy, Thomas | 30.09.2010 |
| Richardson, Thomas | Sheedy, Nuala | 23.04.2010 |
| (74) ir. M.F.J.M. Ketelaars c.s. | O'Connell, Anne | (33) United States of America |
| (31) 758010 P | Herbert, Michael | United States of America |
| 758011 P | (72) Sheedy, Thomas | United States of America |
| 758012 P | Sheedy, Nuala | United States of America |
| 845051 P | O'Connell, Anne | (47) 14.02.2018 |
| 845052 P | Herbert, Michael | (51) A01H 5/00 |
| 863304 P | (74) ir. H.V. Mertens c.s. | A01H 5/10 |
| (32) 11.01.2006 | (31) 20090919 | C12N 5/04 |
| 11.01.2006 | (32) 07.12.2009 | A01N 63/02 |
| 11.01.2006 | (33) Ireland | C12N 15/82 |
| 15.09.2006 | (47) 07.02.2018 | (11) EP2560478 |
| 15.09.2006 | (51) A01F 15/08 | (21) EP11772790.9 |
| 27.10.2006 | (11) EP3078259 | (22) 22.04.2011 |
| (33) United States of America | (21) EP16164333.3 | (54) COMBINATIONS INCLUDING CRY3AA AND CRY6AA PROTEINS TO PREVENT DEVELOPMENT OF RESISTANCE IN CORN ROOTWORMS (DIABROTICA SPP.) |
| United States of America | (22) 07.04.2016 | (73) Dow AgroSciences, LLC |
| United States of America | (54) SYNCHRONIZATION MECHANISM | (72) NARVA, Kenneth, E. |
| United States of America | (73) CNH Industrial Belgium nv | MEADE, Thomas |
| United States of America | (72) NAEYAERT, Karel | FENCIL, Kristin, J. |
| United States of America | VANDE RYSE, Johan A.E. | LI, Huarong |
| United States of America | VANPOUCKE, Johan O. | HEY, Timothy, D. |
| (47) 21.02.2018 | VERHAEGHE, Didier | WOOSLEY, Aaron, T. |
| (51) A01C 15/00 | SCHOONHEERE, Marnix J. | OLSON, Monica, Britt |
| A01C 19/00 | (74) ir. M.F.J.M. Ketelaars c.s. | (74) ir. C.M. Jansen c.s. |
| (11) EP3020264 | (31) 201505233 | (31) 477447 P |
| (21) EP15401117.5 | (32) 10.04.2015 | 476005 P |
| (22) 11.11.2015 | (33) Belgium | 388273 P |
| (54) SPREADER | (47) 07.03.2018 | 327240 P |
| (73) Amazonen-Werke H. Dreyer GmbH & Co. KG | (51) A01H 5/00 | (32) 20.04.2011 |
| (72) Johannaber, Stefan Jan | A01H 5/10 | 15.04.2011 |
| Kleine-Hartlage, Hubertus | C12N 5/04 | 30.09.2010 |
| Walter, Achim | A01N 63/02 | 23.04.2010 |
| Schiemenz, Friedhelm | C12N 15/82 | (33) United States of America |
| (74) ir. M.F.J.M. Ketelaars c.s. | (11) EP2560475 | United States of America |
| (31) 102014116738 | (21) EP11772785.9 | United States of America |
| (32) 17.11.2014 | (22) 22.04.2011 | United States of America |
| (33) Germany | (54) COMBINATIONS INCLUDING CRY34AB/35AB AND CRY3AA PROTEINS TO PREVENT DEVELOPMENT OF RESISTANCE IN CORN ROOTWORMS (DIABROTICA SPP.) | (47) 14.02.2018 |
| (47) 21.02.2018 | (73) Dow AgroSciences LLC | (51) A01J 7/02 |
| (51) A01D 34/74 | (72) NARVA, Kenneth, E. | (11) EP1815737 |
| A01B 73/00 | MEADE, Thomas | (21) EP07007282.2 |
| (11) EP3086632 | FENCIL, Kristin, J. | (22) 12.03.2003 |
| (21) EP14828472.2 | LI, Huarong | (54) An arrangement for a dairy farm |
| (22) 23.12.2014 | HEY, Timothy, D. | (73) DeLaval Holding AB |
| (54) AGRICULTURAL MACHINE | WOOSLEY, Aaron, T. | (72) Wase, Lars |
| (73) Kvermeland Group Kerteminde AS | OLSON, Monica, Britt | Holmertz, Nils Erik |
| (72) NIELSEN, Rasmus Elmelund | | Ericsson, Jan |
| (74) dr. A. Krebs | | Bosma, Epke |
| (31) 13199340 | | |
| (32) 23.12.2013 | | |

- (74) dr. W.A.H.M. Van Borm
(31) 0200802
0202988
(32) 15.03.2002
10.10.2002
(33) Sweden
Sweden
(47) 25.04.2018
-
- (51) A01K 39/012
(11) EP2883448
(21) EP14195654.0
(22) 01.12.2014
(54) Control feed tray and feed assembly for poultry
(73) Big Dutchman International GmbH
(72) Otto-Luebker, Friedrich
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 202013010980 U
(32) 12.12.2013
(33) Germany
(47) 21.02.2018
-
- (51) A01K 63/04
(11) EP3003020
(21) EP14732440.4
(22) 04.06.2014
(54) AQUARIUM FILTER
(73) Van Amerongen, Jasper Michaël
(72) Van Amerongen, Jasper Michaël
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2010914
(32) 04.06.2013
(33) Netherlands
(47) 07.03.2018
-
- (51) A01N 59/06
A01P 3/00
A01P 7/00
A01N 25/04
A01N 25/14
(11) EP3033944
(21) EP14198305.6
(22) 16.12.2014
(54) CALCIUM CARBONATE FOR PLANT PROTECTION
(73) Omya International AG
(72) Stürm, Christoph
Hansen, Wulff
(74) J.M.H. Duyver lic.
(47) 14.02.2018
-
- (51) A01N 59/16
A01N 25/34
B05D 5/00
(11) EP3082430
(21) EP14821626.0
(22) 19.12.2014
(54) METHOD FOR PRODUCING AN ANTIMICROBIAL FURNITURE PART AND/OR INTERIOR FITTING PART
(73) Fritz Egger GmbH & Co. OG
(72) GUGGENBICHLER, Josef-Peter
SCHIEGL, Walter
(74) ir. J.M.G. Dohmen c.s.
(31) 102013114573
(32) 19.12.2013
(33) Germany
(47) 14.02.2018
-
- (51) A01N 63/00
A01N 63/02
- A01N 63/04
A01N 59/12
A01N 59/20
A01P 1/00
(11) EP2871962
(21) EP13726410.7
(22) 23.05.2013
(54) WOOD PROTECTION AGAINST MICROORGANISMS BY LACCASE-CATALYSED IODINATION
(73) EMPA Eidgenössische Materialprüfungs- und Forschungsanstalt
(72) SCHUBERT, Mark
IHSSSEN, Julian
(74) mr. ir. J. van Breda c.s.
(31) 12004058
(32) 24.05.2012
(33) European Patent Office (EPO)
(47) 07.02.2018
-
- (51) A23G 1/00
A23G 1/32
(11) EP3114940
(21) EP15002046.9
(22) 08.07.2015
(54) CHOCOLATE, CHOCOLATE-LIKE PRODUCTS, CHOCOLATE CONSTRUCTION KIT AND METHODS FOR PREPARING THE SAME
(73) ODC Lizenz AG
(72) Hühn, Tilo
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 21.02.2018
-
- (51) A23G 1/00
A23G 1/32
A23G 1/02
A23G 1/04
A23G 1/30
(11) EP3114941
(21) EP15002047.7
(22) 08.07.2015
(54) COCOA EXTRACTS, COCOA PRODUCTS AND METHODS OF MANUFACTURING THE SAME
(73) ODC Lizenz AG
(72) Hühn, Tilo
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 21.02.2018
-
- (51) A23K 50/10
A23K 10/30
A23K 30/10
A23K 30/15
(11) EP2563157
(21) EP11774524.0
(22) 28.04.2011
(54) NOVEL RUMINANT FEED
(73) The Agricultural Research Organization
(72) MIRON, Joshuah
KUSHNIR, Uri
(74) dr. A. Krebs
(31) 329122 P
(32) 29.04.2010
(33) United States of America
(47) 21.03.2018
-
- (51) A23K 50/30
(11) EP2424382
(21) EP10721668.1
(22) 30.04.2010
- (54) METHOD OF FEEDING A GROWING - FINISHING PIG
(73) Tiense Suikerraffinaderij N.V.
(72) JANSSENS, Guy
THURMAN, Karel
(74) ir. W.J.J.M. Kempes
(31) 09005989
(32) 30.04.2009
(33) European Patent Office (EPO)
(47) 14.02.2018
-
- (51) A23L 29/00
A23K 20/10
A61K 36/82
A61K 47/22
A23K 20/111
A23L 33/105
A61Q 19/00
A61K 8/97
A61K 31/352
A61K 31/353
A61K 8/49
(11) EP2925160
(21) EP13798343.3
(22) 29.11.2013
(54) INCREASING THE BIOAVAILABILITY OF FLAVAN-3-OLS BY POLYPHENOLS
(73) Nestec S.A.
(72) ACTIS GORETTA, Lucas
LEVEQUES, Antoine
DA SILVA PINTO, Marcia
SABATIER, Magalie
REIN, Maarit
WILLIAMSON, Gary
DIONISI, Fabiola
(74) ir. F.A. Geurts c.s.
(31) 12194895
(32) 29.11.2012
(33) European Patent Office (EPO)
(47) 14.03.2018
-
- (51) A23L 33/00
A61K 31/122
A61K 35/00
A61P 29/02
(11) EP2477510
(21) EP10752497.7
(22) 01.09.2010
(54) NUTRITIONAL COMPOSITIONS FOR MODULATING INFLAMMATION INCLUDING EXOGENOUS VITAMIN K2
(73) Nestec S.A.
(72) BOLSTER, Douglas Richard
ROUGHEAD, Zamzam Kabiry
(74) ir. F.A. Geurts c.s.
(31) 242087 P
250847 P
347945 P
371846 P
(32) 14.09.2009
12.10.2009
25.05.2010
09.08.2010
(33) United States of America
United States of America
United States of America
United States of America
(47) 07.03.2018
-
- (51) A23P 10/40
A23C 1/04

| | | |
|-------------------------------------|-----------------------------------|--------------------------------------|
| A23C 1/05 | (33) European Patent Office (EPO) | (54) INVERTED MOTION BASE WITH |
| A23L 29/219 | (47) 04.04.2018 | SUSPENDED SEATING AND METHOD |
| A23L 33/00 | (51) A24F 47/00 | OF ENTERTAINMENT IMPLEMENTED |
| (11) EP1845802 | A24B 15/16 | WITH SUCH AN INVERTED MOTION |
| (21) EP05707896.6 | (11) EP2814344 | BASE |
| (22) 31.01.2005 | (21) EP13708106.3 | (73) OCEANEERING INTERNATIONAL, INC. |
| (54) PROCESS FOR PREPARING | (22) 12.02.2013 | (72) FOSTER, Samuel T. |
| NUTRITIONAL PRODUCTS | (54) SMOKING ARTICLE COMPRISING | FROMYER, Stephen F. |
| (73) Nestec S.A. | AN ISOLATED COMBUSTIBLE HEAT | KING, Eric A. |
| (72) MEISTER, Niklaus | SOURCE | JENNINGS, Clifford A. |
| (74) ir. F.A. Geurts c.s. | (73) Philip Morris Products S.A. | (74) J.M.H. Duyver lic. |
| (47) 14.03.2018 | (72) MIRONOV, Oleg | (31) 201361801695 P |
| (51) A24D 1/02 | POGET, Laurent Edouard | (32) 15.03.2013 |
| A24D 3/04 | (74) dr. W.A.H.M. Van Borm | (33) United States of America |
| A24D 3/06 | (31) 12155239 | (47) 14.02.2018 |
| (11) EP2317881 | (32) 13.02.2012 | (51) A47C 31/00 |
| (21) EP09757503.9 | (33) European Patent Office (EPO) | A47C 1/02 |
| (22) 02.06.2009 | (47) 04.04.2018 | A47C 7/72 |
| (54) SMOKING ARTICLE WITH | (51) A24F 47/00 | (11) EP3087874 |
| TRANSPARENT SECTION | A61M 15/06 | (21) EP16167371.0 |
| (73) Philip Morris Products S.A. | (11) EP3072407 | (22) 27.04.2016 |
| (72) CECCHETTO, Andrea | (21) EP16165974.3 | (54) STUFFED CHAIR WITH ONE OR MORE |
| CHAPUIS, Frédéric | (22) 05.12.2012 | SEATS, IN PARTICULAR ARMCHAIR OR |
| PRESELLO, Marco | (54) AN AEROSOL-GENERATING DEVICE | COUCH |
| KUERSTEINER, Charles | WITH A CAPILLARY INTERFACE | (73) CIAR S.p.A. |
| (74) dr. W.A.H.M. Van Borm | (73) Philip Morris Products S.A. | (72) ARCECI, Zeno |
| (31) 08157446 | (72) DUBIEF, Flavien | MARCANTONI, Egidio |
| (32) 02.06.2008 | (74) dr. W.A.H.M. Van Borm | (74) ir. H.V. Mertens c.s. |
| (33) European Patent Office (EPO) | (31) 11192697 | (31) BO20150209 |
| (47) 11.04.2018 | (32) 08.12.2011 | (32) 27.04.2015 |
| (51) A24F 47/00 | (33) European Patent Office (EPO) | (33) Italy |
| (11) EP2503912 | (47) 11.04.2018 | (47) 21.03.2018 |
| (21) EP10793150.3 | (51) A41D 20/00 | (51) A47F 3/00 |
| (22) 26.11.2010 | (11) EP2854582 | A47F 3/04 |
| (54) AN ELECTRICALLY HEATED SMOKING | (21) EP13740362.2 | (11) EP3023035 |
| SYSTEM WITH INTERNAL OR | (22) 22.05.2013 | (21) EP15201246.4 |
| EXTERNAL HEATER | (54) A WEARABLE APPARATUS WITH | (22) 28.11.2014 |
| (73) Philip Morris Products S.A. | WICKING PROPERTIES | (54) GOODS DISPLAY CABINET AND |
| (72) GREIM, Olivier | (73) Nokia Technologies Oy | DETAILS OF A GOODS DISPLAY |
| PLOJOUX, Julien | (72) BOWER, Chris | CABINET |
| RUSCIO, Dani | KILPI, Pekka | (73) PAN-DUR Holding GmbH & Co. KG |
| ZUBER, Gerard | MARINELLI, Claudio | (72) WEISS, Albert |
| (74) dr. W.A.H.M. Van Borm | (74) ir. W.J.J.M. Kempes | (74) dr. A. Krebs |
| (31) 09252687 | (31) 201213482225 | (31) 102013113166 |
| (32) 27.11.2009 | (32) 29.05.2012 | 102014101680 |
| (33) European Patent Office (EPO) | (33) United States of America | (32) 28.11.2013 |
| (47) 04.04.2018 | (47) 21.03.2018 | 11.02.2014 |
| (51) A24F 47/00 | (51) A42B 3/06 | (33) Germany |
| (11) EP2840913 | A42B 3/28 | Germany |
| (21) EP12875611.1 | (11) EP3007576 | (47) 28.02.2018 |
| (22) 26.04.2012 | (21) EP14738620.5 | (51) A47F 5/00 |
| (54) ELECTRONIC CIGARETTE WITH | (22) 12.06.2014 | A47B 57/58 |
| SEALED CARTRIDGE | (54) SELECTIVE VENTILATION HELMET | (11) EP2859816 |
| (73) Fontem Holdings 1 B.V. | FOR CYCLING USE | (21) EP14188476.7 |
| (72) HON, Lik | (73) KASK S.p.A. | (22) 10.10.2014 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (72) GOTTI, Angelo | (54) SHELF SYSTEM |
| (47) 14.02.2018 | (74) J.M.H. Duyver lic. | (73) Walter Holding B.V. |
| (51) A24F 47/00 | (31) MI20130978 | (72) Walter, Friedrich Georg |
| (11) EP3086672 | (32) 13.06.2013 | (74) ir. P.J. Hylarides c.s. |
| (21) EP14820802.8 | (33) Italy | (31) 2011595 |
| (22) 12.12.2014 | (47) 21.02.2018 | (32) 11.10.2013 |
| (54) SMOKING ARTICLE WITH A VALVE | (51) A47C 1/12 | (33) Netherlands |
| (73) Philip Morris Products S.A. | E04H 3/30 | (47) 14.02.2018 |
| (72) MIRONOV, Oleg | A47C 9/06 | (51) A47F 5/08 |
| LANASPEZE, Sebastien | (11) EP2967216 | (11) EP2587969 |
| (74) dr. W.A.H.M. Van Borm | (21) EP14770326.8 | (21) EP11703576.6 |
| (31) 13199311 | (22) 13.03.2014 | (22) 31.01.2011 |
| (32) 23.12.2013 | | (54) DEVICE FOR DISPLAYING ARTICLES |

| | | |
|---|---|---|
| (73) Visplay International AG | A61B 5/044 | G01N 1/02 |
| (72) EWALD, Andreas | A61B 18/12 | B01L 3/00 |
| (74) ir. M.F.J.M. Ketelaars c.s. | A61B 5/02 | (11) EP2682188 |
| (31) 202010009767 U | A61B 5/0402 | (21) EP12715236.1 |
| (32) 02.07.2010 | A61B 7/04 | (22) 01.03.2012 |
| (33) Germany | A61B 5/042 | (54) PORTABLE DEVICE FOR THE |
| (47) 07.03.2018 | A61B 5/0452 | STORAGE, TRANSPORT AND |
| (51) A47J 31/36 | A61B 18/00 | RECUPERATION OF BIOLOGICAL |
| B65D 85/804 | A61B 5/00 | MATERIAL |
| (11) EP2996521 | A61B 5/04 | (73) Infogene Lda. |
| (21) EP14730192.3 | A61B 5/046 | (72) GONÇALVES PEREIRA NOBRE, Rui |
| (22) 16.05.2014 | A61B 5/024 | Jorge |
| (54) A BEVERAGE PREPARATION SYSTEM, A CAPSULE AND A METHOD FOR FORMING A BEVERAGE | A61B 5/0245 | MARQUES PRAZERES, Hugo João |
| (73) Koninklijke Douwe Egberts B.V. | A61B 18/14 | MARQUES DA COSTA, Rui Pedro |
| (72) CHAPMAN, Andrew | A61B 8/08 | GONÇALVES PEREIRA NOBRE, Luís |
| BANISTER, Stuart | (11) EP2339961 | Carlos |
| JELLEY, Simon | (21) EP09819953.2 | (74) ir. H.V. Mertens c.s. |
| SHABUDIN, Esak | (22) 09.10.2009 | (31) 2012105553 |
| HALLIDAY, Andrew | (54) MACHINE FOR THE AUTOMATIC LOCALIZATION OF SOURCES OF BIOLOGICAL RHYTHM DISORDERS | (32) 01.03.2011 |
| (74) ir. C.M. Jansen c.s. | (73) The Regents of the University of California | (33) Portugal |
| (31) 201308925 | (72) NARAYAN, Sanjiv | (47) 28.02.2018 |
| 201308929 | RAPPEL, Wouter-Jan | (51) A61B 17/00 |
| (32) 17.05.2013 | (74) ir. M.F.J.M. Ketelaars c.s. | A61B 17/29 |
| 17.05.2013 | (31) 195866 P | A61B 17/072 |
| (33) United Kingdom | (32) 09.10.2008 | A61B 18/14 |
| United Kingdom | (33) United States of America | (11) EP2618765 |
| (47) 02.05.2018 | (47) 07.03.2018 | (21) EP11827626.0 |
| (51) A47K 13/16 | (51) A61B 5/083 | (22) 23.09.2011 |
| A47K 17/00 | A61B 5/08 | (54) SURGICAL INSTRUMENT WITH SELECTIVELY ARTICULATABLE END EFFECTOR |
| (11) EP3092926 | G01N 33/497 | (73) Ethicon LLC |
| (21) EP15001414.0 | (11) EP3167800 | (72) SCHMID, Katherine, J. |
| (22) 12.05.2015 | (21) EP16193897.2 | BAXTER, Chester, O., III |
| (54) TOUCH-FREE TOILET-SEAT PAPER DISPENSING DEVICE | (22) 14.10.2016 | ARONHALT, Taylor, W. |
| (73) Tranzonic Companies | (54) DEVICE AND METHOD FOR THE ANALYSIS OF THE AIR EXHALED BY A SUBJECT IN ORDER TO MEASURE THE BASAL METABOLISM THEREOF | YOUNG, Joseph, E. |
| (72) Bagdi, Sándor | (73) COSMED S.r.l. | SHELTON, Frederick, E., IV |
| Rist, Atilla | (72) BRUGNOLI, Mr. Paolo | WORRELL, Barry, C. |
| (74) J.M.H. Duyver lic. | DI PIETRO, Mr. Alberto | MILLER, Matthew, C. |
| (47) 21.02.2018 | RAGUSA, Mr. Marco | (74) ir. M.F.J.M. Ketelaars c.s. |
| (51) A61B 5/00 | CELENTANO, Mr. Domenico | (31) 386094 P |
| A61M 16/04 | (74) ir. J.M.G. Dohmen c.s. | (32) 24.09.2010 |
| A61B 1/04 | (31) UB20155114 | (33) United States of America |
| A61B 1/06 | (32) 23.10.2015 | (47) 14.03.2018 |
| (11) EP2996549 | (33) Italy | (51) A61B 17/02 |
| (21) EP14732408.1 | (47) 11.04.2018 | (11) EP2793711 |
| (22) 16.05.2014 | (51) A61B 8/12 | (21) EP12812973.1 |
| (54) GUIDED ENDOTRACHEAL INTUBATION SYSTEM | A61B 8/08 | (22) 20.12.2012 |
| (73) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd. Hadasit Medical Research Services and Development Ltd. | A61B 10/02 | (54) SURGICAL RETRACTOR SYSTEMS |
| (72) HAYUT, Itai | A61B 17/34 | (73) Medevision |
| FRIED, Elchanan | A61B 10/04 | (72) FOULON, Wouter |
| NAHMIA, Yaakov | (11) EP2872045 | WINNELLINCKX, Bastiaan |
| WEISS-SADAN, Tommy | (21) EP13816371.2 | CORTEN, Kristoff |
| SHREM, Ariel | (22) 10.07.2013 | (31) 201100746 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (54) ULTRASONIC PROBE AND ALIGNED NEEDLE GUIDE SYSTEM | (32) 21.12.2011 |
| (31) 201361824015 P | (73) Fujifilm Visualsonics, Inc. | (33) Belgium |
| 201461950413 P | (72) CHAGGARES, Nicholas, Christopher | (47) 07.02.2018 |
| (32) 16.05.2013 | RIEDER, Eric Michael | (51) A61B 17/02 |
| 10.03.2014 | (74) J.M.H. Duyver lic. | (11) EP2961329 |
| (33) United States of America | (31) 201213545352 | (21) EP13771217.0 |
| United States of America | (32) 10.07.2012 | (22) 23.07.2013 |
| (47) 07.03.2018 | (33) United States of America | (54) DEVICE PROVIDING ENLARGEMENT AND PREVENTING COLLAPSE OF THE PUPIL OF THE EYE |
| (51) A61B 5/0464 | (47) 11.04.2018 | (73) Med Invent Devices Private Limited |
| | (51) A61B 10/00 | (72) Bhattacharjee, Suven |
| | | (74) dr. A. Krebs |
| | | (31) 225KO2013 |

| | | |
|---|--|-----------------------------------|
| (32) 27.02.2013 | (11) EP1626672 | 12.07.2014 |
| (33) India | (21) EP04751632.3 | 12.07.2014 |
| (47) 21.02.2018 | (22) 07.05.2004 | (33) United States of America |
| (51) A61B 17/32 | (54) THIN, FLEXIBLE MEMBRANE DENTAL TRAY | United States of America |
| A61F 9/007 | (73) Ultradent Products, Inc. | United States of America |
| A61B 17/29 | (72) FISCHER, Dan, E. | United States of America |
| A61B 90/00 | MCLEAN, Bruce, S. | United States of America |
| A61B 34/30 | (74) ir. M.F.J.M. Ketelaars c.s. | United States of America |
| (11) EP3066998 | (31) 444242 | (47) 21.02.2018 |
| (21) EP16166892.6 | (32) 23.05.2003 | (51) A61F 5/445 |
| (22) 13.06.2013 | (33) United States of America | (11) EP3169286 |
| (54) ULTRASONIC SURGICAL INSTRUMENTS WITH CONTROL MECHANISMS | (47) 07.03.2018 | (21) EP15738106.2 |
| (73) Ethicon Endo-Surgery, Inc. | (51) A61F 2/07 | (22) 16.07.2015 |
| (72) GEE, Jacob S. | (11) EP2654620 | (54) OSTOMY BAG |
| STULEN, Foster B. | (21) EP11822821.2 | (73) WELLAND MEDICAL LIMITED |
| HOUSER, Kevin L. | (22) 20.12.2011 | (72) SMITH, Rory James Maxwell |
| FALLER, Craig N. | (54) STENT GRAFT | BRAY, Christopher David |
| STROBL, Geoffrey S. | (73) Bentley InnoMed GmbH | FRAMPTON, Kim Sarah |
| RHEE, Sora | (72) OBRADOVIC, Milisav | NEWTON, Mark Andrew |
| DANNAHER, William D. | BREGULLA, Rainer | (74) dr. A. Krebs |
| WORRELL, Barry C. | (74) ir. H.J.G. Lips c.s. | (31) 201412693 |
| JOHNSON, Gregory W. | (31) 102010055545 | (32) 17.07.2014 |
| (74) ir. M.F.J.M. Ketelaars c.s. | 102011115902 | (33) United Kingdom |
| (31) 201213538733 | (32) 22.12.2010 | (47) 28.02.2018 |
| (32) 29.06.2012 | 14.10.2011 | (51) A61F 13/00 |
| (33) United States of America | (33) Germany | A61F 13/06 |
| (47) 14.03.2018 | Germany | A41B 11/00 |
| (51) A61B 18/12 | (47) 14.02.2018 | A61F 13/08 |
| A61B 18/18 | (51) A61F 2/38 | D04B 1/26 |
| A61N 5/02 | A61F 2/30 | (11) EP2436276 |
| H01P 1/213 | (11) EP2532323 | (21) EP11007551.2 |
| (11) EP3150158 | (21) EP12004236.1 | (22) 16.09.2011 |
| (21) EP16194764.3 | (22) 04.06.2012 | (54) Compression item with insert |
| (22) 16.09.2013 | (54) Mould for producing a tibia component of a knee joint spacer | (73) BSN -Jobst GmbH |
| (54) ELECTROSURGICAL APPARATUS FOR COMBINED RF/MICROWAVE DELIVERY | (73) Heraeus Medical GmbH | (72) Platz, Sascha |
| (73) Creo Medical Limited | (72) Wüst, Edgar | Dittmann, Stefan |
| (72) HANCOCK, Christopher | (74) drs. ir. M. Smit | Greve, Jürgen |
| WHITE, Malcolm | (31) 102011104808 | (74) ir. J.M.G. Dohmen c.s. |
| AMOA, Francis | (32) 06.06.2011 | (31) 102010046945 |
| DHARMISIRI, Nuwan | (33) Germany | (32) 29.09.2010 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (47) 07.02.2018 | (33) Germany |
| (31) 201217247 | (51) A61F 5/01 | (47) 28.02.2018 |
| (32) 27.09.2012 | A61F 5/04 | (51) A61F 13/15 |
| (33) United Kingdom | A61F 13/04 | A61F 13/494 |
| (47) 07.03.2018 | (11) EP3019127 | A61F 13/49 |
| (51) A61C 7/08 | (21) EP14822068.4 | A61F 13/56 |
| A61C 19/06 | (22) 14.07.2014 | (11) EP2752177 |
| (11) EP2194910 | (54) SYSTEMS AND METHODS FOR PROVIDING A TOTAL CONTACT AND OFFLOADING CAST | (21) EP12828584.8 |
| (21) EP08828540.8 | (73) Hollister Incorporated | (22) 23.08.2012 |
| (22) 29.08.2008 | (72) LIDEN, Brock | (54) DISPOSABLE DIAPER |
| (54) DENTAL TREATMENT TRAYS COMPRISING SILICONE OR OTHER ELASTOMERIC MATERIAL | BROWN, Spencer | (73) Unicharm Corporation |
| (73) Ultradent Products, Inc. | (74) ir. M.F.J.M. Ketelaars c.s. | (72) OKU, Tomomi |
| (72) LEWIS, Paul | (31) 201361845921 P | MATSUSHIMA, Hideki |
| ANDERSEN, Scot, N. | 201461978891 P | (74) ir. C.M. Jansen c.s. |
| ALLRED, Peter, M. | 201414329927 | (31) 2011189101 |
| FISCHER, Dan, E. | 201414329930 | (32) 31.08.2011 |
| (74) ir. M.F.J.M. Ketelaars c.s. | 201414329932 | (33) Japan |
| (31) 849075 | 201414329933 | (47) 07.03.2018 |
| (32) 31.08.2007 | (32) 12.07.2013 | (51) A61F 13/15 |
| (33) United States of America | 13.04.2014 | A61F 13/532 |
| (47) 07.03.2018 | 12.07.2014 | A61F 13/539 |
| (51) A61C 19/06 | 12.07.2014 | (11) EP2627295 |
| | | (21) EP11773682.7 |
| | | (22) 13.10.2011 |
| | | (54) ABSORBENT STRUCTURE |
| | | (73) Drylock Technologies NV |
| | | (72) VAN DE MAELE, Marleen |

| | | |
|---|--|--|
| (74) ir. P.J. Hylarides c.s. | (31) 201161495401 P | (32) 19.01.2011 |
| (31) 11153268 | (32) 10.06.2011 | (33) Korea (Republic) |
| 10447024 | (33) United States of America | (47) 11.04.2018 |
| 10447023 | (47) 28.02.2018 | <hr/> |
| 10447022 | (51) A61J 1/14 | (51) A61K 9/08 |
| 10447021 | A61J 1/10 | A61K 9/107 |
| 10447020 | A61J 1/05 | A61K 47/18 |
| (32) 03.02.2011 | A61J 1/20 | (11) EP2874604 |
| 13.10.2010 | (11) EP2623085 | (21) EP13747452.4 |
| 13.10.2010 | (21) EP11827834.0 | (22) 17.07.2013 |
| 13.10.2010 | (22) 02.09.2011 | (54) USE OF AN AMPHOTERIC CHELATING AGENT FOR PREVENTING CONTACT ALLERGIES |
| 13.10.2010 | (54) MEDICAMENT RECONSTITUTION BAG | (73) PREVOR INTERNATIONAL |
| (33) European Patent Office (EPO) | (73) Caetano, Norival | (72) BLOMET, Joël |
| European Patent Office (EPO) | (72) Caetano, Norival | MATHIEU, Laurence |
| European Patent Office (EPO) | (74) ir. P.J. Hylarides c.s. | MEYER, Marie-Claude |
| European Patent Office (EPO) | (31) PI1003460 | (74) J.M.H. Duyver lic. |
| European Patent Office (EPO) | (32) 29.09.2010 | (31) 1256939 |
| European Patent Office (EPO) | (33) Brazil | (32) 18.07.2012 |
| European Patent Office (EPO) | (47) 07.02.2018 | (33) France |
| (47) 21.02.2018 | <hr/> | (47) 14.02.2018 |
| (51) A61F 13/15 | (51) A61J 15/00 | <hr/> |
| B05C 19/04 | A61M 39/10 | (51) A61K 9/127 |
| A61F 13/532 | A61M 25/00 | (11) EP2012750 |
| A61F 13/539 | (11) EP2938315 | (21) EP07754936.8 |
| B32B 37/00 | (21) EP13826863.6 | (22) 04.04.2007 |
| B32B 3/28 | (22) 11.12.2013 | (54) METHODS FOR COACERVATION INDUCED LIPOSOMAL ENCAPSULATION AND FORMULATIONS THEREOF |
| D04H 1/46 | (54) MEDICAL CONNECTOR WITH SPANNING ARMS | (73) Insmed Incorporated |
| B32B 5/16 | (73) Avent, Inc. | (72) MALININ, Vladimir |
| (11) EP2810630 | (72) GRIESBACH III, Henry, L. | (74) J.M.H. Duyver lic. |
| (21) EP14183749.2 | (74) mr. ir. J. van Breda c.s. | (31) 789688 P |
| (22) 13.10.2011 | (31) 201213729294 | (32) 06.04.2006 |
| (54) Absorbent structure | (32) 28.12.2012 | (33) United States of America |
| (73) Drylock Technologies NV | (33) United States of America | (47) 21.02.2018 |
| (72) Van De Maele, Marleen | (47) 21.02.2018 | <hr/> |
| (74) ir. P.J. Hylarides c.s. | (51) A61K 8/19 | (51) A61K 9/20 |
| (31) 10447024 | A61K 8/23 | A61K 9/16 |
| 10447023 | A61K 8/41 | A61K 38/28 |
| 10447022 | A61Q 5/10 | (11) EP2203181 |
| 10447021 | (11) EP2283803 | (21) EP08840520.4 |
| 10447020 | (21) EP09754460.5 | (22) 16.10.2008 |
| 11153268 | (22) 29.05.2009 | (54) AN ORALLY ADMINISTERABLE SOLID PHARMACEUTICAL COMPOSITION AND A PROCESS THEREOF |
| (32) 13.10.2010 | (54) TWO-PART FOAM HAIR DYE | (73) Biocon Limited |
| 13.10.2010 | (73) Kao Corporation | (72) KHEDKAR, Anand |
| 13.10.2010 | (72) OGAWA, Yoshio | RANGAPPA, Sharath, Kumar, Mallapura |
| 13.10.2010 | SAITO, Yoshinori | SUBRAMANI, Ramesh |
| 03.02.2011 | (74) J.M.H. Duyver lic. | DAVE, Nitesh |
| (33) European Patent Office (EPO) | (31) 2008143007 | RADHAKRISHNAN, Devesh |
| European Patent Office (EPO) | (32) 30.05.2008 | SHANKAR, Sundaresh |
| European Patent Office (EPO) | (33) Japan | CHIVUKULA, Sudheer |
| European Patent Office (EPO) | (47) 11.04.2018 | RAMAKRISHNA, Ranjith |
| European Patent Office (EPO) | <hr/> | MURTHY, Shanmugam, Thandava |
| European Patent Office (EPO) | (51) A61K 8/65 | PAI, Harish Venkatraman |
| (47) 21.02.2018 | A61K 47/36 | SENGUPTA, Nilanjan |
| (51) A61F 13/532 | A61K 9/06 | MELARKODE, Ramakrishnan |
| A61F 13/535 | A61Q 19/00 | IYER, Harish |
| (11) EP3111903 | (11) EP2666462 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (21) EP15201454.4 | (21) EP11856000.2 | (31) CH23402007 |
| (22) 08.06.2012 | (22) 17.02.2011 | CH07142008 |
| (54) ABSORBENT STRUCTURE FOR ABSORBENT ARTICLES | (54) RADIATION CROSS-LINKED COLLAGEN GEL, PREPARATION METHOD THEREOF | (32) 16.10.2007 |
| (73) The Procter & Gamble Company | (73) Sewon Cellontech Co., Ltd | 24.03.2008 |
| (72) ROSATI, Rodrigo | (72) YU, Ji Chul | (33) India |
| KREUZER, Carsten Heinrich | YEO, Se Ken | India |
| JACKELS, Hans Adolf | KIM, Tai Hyoung | (47) 14.02.2018 |
| ARIZTI, Blanca | SHU, Dong Sam | <hr/> |
| BIANCHI, Ernesto Gabriel | CHANG, Cheong Ho | (51) A61K 9/20 |
| ROE, Donald Carroll | (74) J.M.H. Duyver lic. | |
| | (31) 20110005588 | |

| | | |
|--|---|--|
| A61K 31/34 | (22) 22.03.2011 | European Patent Office (EPO) |
| A61K 9/00 | (54) PHARMACEUTICAL COMPOSITION | (47) 14.02.2018 |
| A61K 9/50 | FOR INDUCING HEPATIC | (51) A61K 31/4439 |
| A61K 9/16 | REGENERATION | A61P 1/04 |
| (11) EP1737432 | (73) Industrial Technology Research Institute | C07D 471/04 |
| (21) EP05731543.4 | (72) CHANG, Shau-Feng | C07D 209/30 |
| (22) 31.03.2005 | MA, Chun-Hsien | C07D 401/12 |
| (54) ORALLY DISINTEGRATING TABLETS | YANG, Kuo-Yi | C07D 401/14 |
| AND METHODS OF MANUFACTURE | LIN, Shyh-Horng | C07D 405/14 |
| (73) Adare Pharmaceuticals, Inc. | LIN, Chien-Tung | A61K 31/444 |
| (72) VENKATESH, Gopi, M. | HUANG, Kai-Wen | A61K 31/4045 |
| QIAN, Ken Kangyi | (74) J.M.H. Duyver lic. | A61K 31/437 |
| VANGALA, Shyam | (47) 28.03.2018 | (11) EP3052484 |
| CLEVENGER, James, M. | (51) A61K 31/417 | (21) EP14850178.6 |
| GUENTHER, Donald | A61K 38/05 | (22) 02.10.2014 |
| (74) dr. A. Krebs | A61P 31/14 | (54) SULFONYLINDOLE DERIVATIVES AND |
| (31) 827106 | A61P 31/16 | METHOD FOR PREPARING THE SAME |
| (32) 19.04.2004 | (11) EP2893936 | (73) Daewoong Pharmaceutical Co., Ltd. |
| (33) United States of America | (21) EP13833080.8 | (72) YU, Kyung A |
| (47) 21.03.2018 | (22) 29.08.2013 | YOON, Ji Sung |
| (51) A61K 9/28 | (54) GLUTARYL HISTAMINE FOR THE | EOM, Deok Ki |
| A61K 9/20 | TREATMENT AND PROPHYLAXIS | LEE, Yeon Im |
| (11) EP3082776 | OF DISEASES CAUSED BY (+)RNA- | SHIN, Hye Ryun |
| (21) EP14871661.6 | CONTAINING VIRUSES | LEE, Jun Hee |
| (22) 15.12.2014 | (73) Obschestvo S Ogranichennoi | SEO, Ha Nee |
| (54) FILM COATED TABLET CONTAINING | Otvetstvennostiyu "Pharmenterprises" | KIM, Ji Duck |
| CHOLINE ALFOSCERATE AND | (72) NEBOLSIN, Vladimir Evgenievich | LEE, Sang Ho |
| PROCESS FOR PREPARING THE SAME | BORISEVICH, Sergei Vladimirovich | LEE, Chun Ho |
| (73) Daewoong Pharmaceutical Co., Ltd. | EGOROV, Andrei Yurievich | (74) ir. J.M.G. Dohmen c.s. |
| (72) PARK, Sang-Han | (74) ir. J.P.E. Brants | (31) 20130118189 |
| CHANG, Hee-Chul | (31) 2012137097 | (32) 02.10.2013 |
| (74) ir. F.A. Geurts c.s. | (32) 30.08.2012 | (33) Korea (Republic) |
| (31) 20130157198 | (33) Russian Federation | (47) 21.03.2018 |
| (32) 17.12.2013 | (47) 04.04.2018 | (51) A61K 31/497 |
| (33) Korea (Republic) | (51) A61K 31/4196 | (11) EP2734205 |
| (47) 28.03.2018 | C07D 401/14 | (21) EP12815055.4 |
| (51) A61K 31/07 | C07D 403/06 | (22) 20.07.2012 |
| A61K 31/201 | C07D 413/14 | (54) HETEROCYCLIC PROTEIN KINASE |
| A61K 31/575 | A61P 5/06 | INHIBITORS |
| A61K 31/59 | (11) EP2616070 | (73) Tolero Pharmaceuticals, Inc. |
| A61K 36/07 | (21) EP11757614.0 | (72) XU, Yong |
| A23K 10/12 | (22) 16.09.2011 | BRENNING, Benjamin, Gary |
| A23K 10/30 | (54) NOVEL TRIAZOLE DERIVATIVES WITH | KULTGEN, Steven, G. |
| A23K 20/174 | IMPROVED RECEPTOR ACTIVITY | LIU, Xiaohui |
| A23K 20/163 | AND BIOAVAILABILITY PROPERTIES | SAUNDERS, Michael |
| A23K 50/75 | AS GHRELIN ANTAGONISTS OF | HO, Koc-Kan |
| (11) EP2849576 | GROWTH HORMONE SECRETAGOGUE | (74) ir. J.M.G. Dohmen c.s. |
| (21) EP13723469.6 | RECEPTORS | (31) 201161510207 P |
| (22) 14.05.2013 | (73) Æterna Zentaris GmbH | 201161632834 P |
| (54) FEED MATERIAL COMPRISING GRAIN | Centre National de la Recherche Scientifique | 201261632826 P |
| AND AGARICUS BLAZEI EXTRACT | University of Montpellier I | 201261608028 P |
| AND USE THEREOF IN FEED FOR | University of Montpellier II | (32) 21.07.2011 |
| LAYING HENS | (72) AICHER, Babette | 21.07.2011 |
| (73) SSipfeed B.V. | MÜLLER, Gilbert | 01.03.2012 |
| (72) VAN DEN ELSHOUT, Wilhelmus, | PAULINI, Klaus | 07.03.2012 |
| Hubertus, Henricus, An | BLUMENSTEIN, Lars | (33) United States of America |
| GRAMMARE, Pierre, Michel | SCHMIDT, Peter | United States of America |
| (74) drs. W.H.P. Derks | GERLACH, Matthias | United States of America |
| (31) 2008812 | TEIFEL, Michael | United States of America |
| (32) 14.05.2012 | MARTINEZ, Jean | (47) 21.03.2018 |
| (33) Netherlands | FEHRENTZ, Jean-Alain | (51) A61K 31/536 |
| (47) 14.02.2018 | BLAYO, Anne-Laure | A61K 9/10 |
| (51) A61K 31/352 | (74) drs. ir. M. Smit | A61K 31/439 |
| C07D 311/62 | (31) 383392 P | A61K 9/08 |
| A61P 1/16 | 10177105 | A61P 11/00 |
| A61P 31/12 | (32) 16.09.2010 | (11) EP1940349 |
| (11) EP2689777 | 16.09.2010 | (21) EP06807028.3 |
| (21) EP11861553.3 | (33) United States of America | (22) 06.10.2006 |

- (54) AEROSOL FORMULATION FOR THE INHALATION OF BETA AGONISTS
(73) Boehringer Ingelheim International GmbH
(72) NIKLAUS-HÜMKE, Barbara
NOWAK, Michael
RADAU, Kirsten
(74) ir. F.A. Geurts c.s.
(31) 05109376
(32) 10.10.2005
(33) European Patent Office (EPO)
(47) 14.02.2018
-
- (51) A61K 31/59
A61P 5/20
(11) EP2679228
(21) EP13177274.1
(22) 21.06.2007
(54) Therapy using vitamin D repletion agent and vitamin D hormone replacement agent
(73) Opko Ireland Global Holdings, Ltd.
Opko Renal, LLC
(72) Bishop, Charles W.
Crawford, Keith H.
Messner, Eric J.
Petkovich, P. Martin
Helvig, Christian F.
(74) dr. A. Ellens c.s.
(31) 815148 P
(32) 21.06.2006
(33) United States of America
(47) 21.03.2018
-
- (51) A61K 31/7034
A61P 35/00
(11) EP2928476
(21) EP13811325.3
(22) 05.12.2013
(54) COMPOUNDS, COMPOSITIONS AND METHODS USING E-SELECTIN ANTAGONISTS FOR MOBILIZATION OF HEMATOPOIETIC CELLS
(73) GlycoMimetics, Inc.
(72) MAGNANI, John, L.
(74) dr. A. Krebs
(31) 201261734924 P
201361784206 P
(32) 07.12.2012
14.03.2013
(33) United States of America
United States of America
(47) 14.02.2018
-
- (51) A61K 36/18
A61K 35/644
A61K 31/375
A61K 31/201
A61P 39/06
A61K 31/352
A61K 31/355
(11) EP2514429
(21) EP10825268.5
(22) 07.10.2010
(54) ANTIOXIDANT
(73) Obshchestvo S Ogranichennoj Otvetstvennostju "PARAFARM"
(72) ELISTRATOV, Dmitriy Gennadjevich
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2009138990
(32) 21.10.2009
(33) Russian Federation
(47) 07.03.2018
-
- (51) A61K 36/804
A61K 36/74
A61K 36/71
A61K 36/536
A61K 36/486
A61K 36/482
A61K 36/236
A61K 9/14
A61P 25/04
A61P 25/00
A61P 25/06
A61P 29/00
A61K 36/9068
A61K 36/232
A61K 36/48
A61K 36/505
A61K 36/65
A61K 36/66
A61K 35/618
A61K 9/16
A61K 36/268
(11) EP2937094
(21) EP13864253.3
(22) 19.12.2013
(54) PHARMACEUTICAL COMPOSITION FOR TREATING HEADACHE, AND PREPARATION METHOD THEREOF
(73) Tasly Pharmaceutical Group Co., Ltd.
(72) YAN, Xijun
WU, Naifeng
ZHANG, Shunnan
YANG, Jianhui
LIU, Yan
SHAO, Xingyun
GAO, Song
DONG, Lina
BAI, Xiaolin
SUN, Yan
XU, Bo
ZHENG, Yongfeng
FAN, Lijun
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201210562103
(32) 21.12.2012
(33) China
(47) 21.02.2018
-
- (51) A61K 39/00
A61K 39/12
A61K 39/42
C12N 7/00
C07H 21/04
(11) EP2338508
(21) EP10177735.7
(22) 25.04.2003
(54) A rDEN3/4delta 30(ME), rDEN2/4delta30(ME) or rDEN1/4delta30(ME) recombinant chimeric dengue virus containing a 30 nucleotide deletion (delta30) in a section of the 3' untranslated region of dengue type 4 genome, wherein said 30 nucleotide deletion corresponds to the TL2 stem-loop structure
(73) The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
(72) Whitehead, Stephen S.
Murphy, Brian R.
Markoff, Lewis
-
- Falgout, Barry
Blaney, Joseph
Hanley, Kathryn
Lai, Ching-Juh
(74) ir. H.V. Mertens c.s.
(31) 377860 P
436500 P
(32) 03.05.2002
23.12.2002
(33) United States of America
United States of America
(47) 14.02.2018
-
- (51) A61K 39/00
C12N 15/12
A61P 35/00
(11) EP2197481
(21) EP08838033.2
(22) 08.10.2008
(54) RNA COMPOSITION FOR TREATING NON-SMALL LUNG CANCERS (NSCLC)
(73) CureVac AG
(72) BARNER, Marijke
PROBST, Jochen
LANDER, Thomas
HOERR, Ingmar
(74) ir. M.F.J.M. Ketelaars c.s.
(31) PCT/EP2007/008770
(32) 09.10.2007
(33) World Intellectual Property Office (WIPO)
(47) 14.02.2018
-
- (51) A61K 39/095
A61K 39/385
A61P 31/04
C12P 19/04
(11) EP2216044
(21) EP09075009.2
(22) 20.06.2002
(54) Capsular polysaccharide solubilisation and combination vaccines
(73) GlaxoSmithKline Biologicals SA
(72) Costantino, Paolo
(74) ir. F.A. Geurts c.s.
(31) 0115176
(32) 20.06.2001
(33) United Kingdom
(47) 21.03.2018
-
- (51) A61K 39/12
A61K 39/00
C07K 14/005
G01N 33/569
C12N 15/81
(11) EP2403947
(21) EP09808976.6
(22) 13.11.2009
(54) METHOD FOR THE ORAL/MUCOSAL VACCINATION BY MEANS OF RECOMBINANT YEASTS
(73) Martin-Luther-Universität Halle-Wittenberg
(72) BREUNIG, Karin
BEHRENS, Sven-Erik
(74) dr. A. Ellens c.s.
(31) 102008057451
(32) 14.11.2008
(33) Germany
(47) 14.02.2018
-
- (51) A61K 39/395
A61P 5/24
(11) EP3045182

| | | |
|---|---|--|
| (21) EP16154418.4 | (22) 08.12.2010 | (33) United States of America |
| (22) 02.11.2006 | (54) METHOD OF REVERSING IMMUNE SUPPRESSION OF LANGERHANS CELLS | (47) 14.02.2018 |
| (54) ANTAGONIST ANTIBODIES DIRECTED AGAINST CALCITONIN GENE-RELATED PEPTIDE FOR TREATING CLUSTER HEADACHE | (73) IRX Therapeutics, Inc. | (51) A61L 27/18 |
| (73) Teva Pharmaceuticals International GmbH | (72) EGAN, James | A61L 27/50 |
| (72) ZELLER, Joerg | KAST, Martin | A61F 2/30 |
| POULSEN, Kristian Todd | BRANDWEIN, Harvey | (11) EP3054999 |
| ABDICHE, Yasmina Noubia | (74) ir. W.J.J.M. Kempes | (21) EP14809758.7 |
| PONS, Jaume | (31) 267590 P | (22) 09.10.2014 |
| ROSENTHAL, Arnon | (32) 08.12.2009 | (54) JOINT SPACER |
| COLLIER, Sierra Jones | (33) United States of America | (73) Revomotion GmbH |
| (74) ir. M.F.J.M. Ketelaars c.s. | (47) 14.02.2018 | (72) JANSEN, Josef |
| (31) 736623 P | (51) A61K 47/38 | (31) 102013016899 |
| (32) 14.11.2005 | A61K 9/48 | 202013010444 U |
| (33) United States of America | A23L 2/00 | (32) 11.10.2013 |
| (47) 07.03.2018 | (11) EP2800585 | 19.11.2013 |
| (51) A61K 39/395 | (21) EP13700951.0 | (33) Germany |
| A61P 5/24 | (22) 04.01.2013 | Germany |
| C07K 16/26 | (54) CELLULOSE ETHERS WITH IMPROVED THERMAL GEL STRENGTH | (47) 07.03.2018 |
| (11) EP2380592 | (73) Hercules Incorporated | (51) A61L 27/52 |
| (21) EP11166787.9 | (72) BAKEEV, Kirill | A61L 27/54 |
| (22) 02.11.2006 | HUEBNER, Brian, John | A61L 27/58 |
| (54) Antagonist antibody directed against calcitonin gene-related peptide | YANG, Hong | A61K 9/00 |
| (73) Teva Pharmaceuticals International GmbH | (74) ir. M.F.J.M. Ketelaars c.s. | A61K 47/36 |
| (72) Zeller, Joerg | (31) 201261583790 P | A61K 9/10 |
| Poulsen, Kristian, Todd | (32) 06.01.2012 | A61K 9/16 |
| Abdiche, Yasmina, Noubia | (33) United States of America | (11) EP1699500 |
| Pons, Jaume | (47) 07.03.2018 | (21) EP03819294.4 |
| Rosenthal, Arnon | (51) A61K 49/12 | (22) 23.12.2003 |
| Collier, Sierra, Jones | A61K 49/18 | (54) CROSSLINKED HYALURONIC ACID COMPOSITIONS FOR TISSUE AUGMENTATION |
| (74) ir. M.F.J.M. Ketelaars c.s. | C08G 65/00 | (73) Anika Therapeutics, Inc. |
| (31) 736623 P | (11) EP2170975 | (72) SADOZAI, Khalid, K. |
| (32) 14.11.2005 | (21) EP08794445.0 | GOODING, Tamera, B. |
| (33) United States of America | (22) 10.07.2008 | BUI, Kyle |
| (47) 07.03.2018 | (54) COMPOSITIONS AND METHODS FOR PRODUCING CELLULAR LABELS FOR NUCLEAR MAGNETIC RESONANCE TECHNIQUES | SHERWOOD, Charles, H. |
| (51) A61K 45/06 | (73) Carnegie Mellon University | (74) ir. M.F.J.M. Ketelaars c.s. |
| A61K 39/00 | (72) JANJIC, Jelena | (31) 743557 |
| C07K 16/28 | AHRENS, Eric, T. | (32) 22.12.2003 |
| A61K 39/395 | (74) ir. H.V. Mertens c.s. | (33) United States of America |
| C07K 16/30 | (31) 959135 P | (47) 21.02.2018 |
| (11) EP2703486 | 62710 | (51) A61L 29/00 |
| (21) EP12776528.7 | (32) 10.07.2007 | A61M 25/00 |
| (22) 24.04.2012 | 28.01.2008 | A61F 2/06 |
| (54) ANTI-B7-H3 ANTIBODY | (33) United States of America | B29C 47/06 |
| (73) Daiichi Sankyo Company, Limited | United States of America | (11) EP1669094 |
| (72) TAKAHASHI, Shu | (47) 02.05.2018 | (21) EP06101227.4 |
| MATSUOKA, Tatsuji | (51) A61L 27/18 | (22) 21.04.1999 |
| MURAKAMI, Kenji | A61L 27/38 | (54) Method of making a balloon for a catheter |
| TAKIZAWA, Takeshi | A61L 27/58 | (73) Abbott Cardiovascular Systems Inc. |
| HIROTANI, Kenji | A61L 26/00 | (72) LEE, Jeong S. |
| URANO, Atsushi | A61L 27/20 | LIM, Forencia |
| FUKUCHI, Keisuke | A61L 27/24 | (74) ir. M.F.J.M. Ketelaars c.s. |
| YAZAWA, Mitsuhiro | A61L 27/26 | (31) 63969 |
| (74) ir. C.M. Jansen c.s. | A61L 27/50 | (32) 21.04.1998 |
| (31) 2011097645 | (11) EP2307065 | (33) United States of America |
| 201161478878 P | (21) EP09774553.3 | (47) 14.03.2018 |
| (32) 25.04.2011 | (22) 02.07.2009 | (51) A61M 5/142 |
| 25.04.2011 | (54) COMPOSITIONS AND METHODS FOR TISSUE FILLING AND REGENERATION | A61M 5/158 |
| (33) Japan | (73) ALLERGAN, INC. | A61M 39/04 |
| United States of America | (72) VAN EPPS, Dennis, E. | (11) EP2125077 |
| (47) 07.03.2018 | (74) J.M.H. Duyver lic. | (21) EP07849604.9 |
| (51) A61K 45/06 | (31) 77683 P | (22) 20.12.2007 |
| A61P 31/20 | (32) 02.07.2008 | (54) SYSTEMS AND DEVICES FOR SUSTAINED DELIVERY OF A THERAPEUTIC FLUID |
| (11) EP2510106 | | (73) F.Hoffmann-La Roche AG |
| (21) EP10836605.5 | | (72) YODFAT, Ofer |

| | | |
|---|--|---|
| IDDAN, Gavriel J. NETA, Avraham (74) dr. A. Krebs (31) 876679 P (32) 22.12.2006 (33) United States of America (47) 18.04.2018 | United States of America (47) 11.04.2018 | (11) EP2407211 (21) EP11305915.8 (22) 13.07.2011 (54) Lifeline system for fall protection, rope grab, rope support and sleeve (73) Tractel S.A.S. (72) Copin, Patrick (74) ir. M.F.J.M. Ketelaars c.s. (31) 1055789 (32) 16.07.2010 (33) France (47) 28.02.2018 |
| (51) A61M 5/20 A61J 1/20 A61M 5/32 (11) EP2326368 (21) EP09766103.7 (22) 10.06.2009 (54) AUTOMATIC INJECTION DEVICE WITH TRIGGER LOCK (73) Cilag GmbH International (72) JENNINGS, Douglas, Ivan BURNELL, Rosemary, Louise HOGWOOD, Jonathan (74) ir. M.F.J.M. Ketelaars c.s. (31) 0811348 (32) 19.06.2008 (33) United Kingdom (47) 14.03.2018 | (51) A61N 1/36 A61N 1/32 A61N 1/20 (11) EP2209518 (21) EP08844728.9 (22) 28.10.2008 (54) ONSET-MITIGATING HIGH-FREQUENCY NERVE BLOCK (73) Case Western Reserve University (72) KILGORE, Kevin, L. BHADRA, Niloy (74) ir. H.J.G. Lips c.s. (31) 983420 P (32) 29.10.2007 (33) United States of America (47) 21.02.2018 | (51) B01D 39/16 B01D 46/52 D21H 15/02 D21H 27/00 D21H 27/30 D21H 27/08 (11) EP3100779 (21) EP15742683.4 (22) 27.01.2015 (54) MULTILAYER FILTRATION MATERIAL FOR FILTER, METHOD FOR MANUFACTURING SAME, AND AIR FILTER (73) Teijin Frontier Co., Ltd. (72) KAMIYAMA, Mie (74) ir. M.F.J.M. Ketelaars c.s. (31) 2014013382 (32) 28.01.2014 (33) Japan (47) 14.03.2018 |
| (51) A61M 5/24 A61M 5/31 A61M 5/315 (11) EP2352536 (21) EP09752333.6 (22) 05.11.2009 (54) ELECTRONICALLY ASSISTED DRUG DELIVERY DEVICE (73) Novo Nordisk A/S (72) JØRGENSEN, Bjarke, Dupont PETERSEN, Jan, Lindhardt LINNEBJERG, Steven LUDVIGSEN, Henrik, Groth HANSEN, Michael, Ejstrup BEYERHOLM, Erik ELAHI, Ramin, Nateghi ROLSTED, Niels, Pryds HOLME, Jens (74) ir. M.F.J.M. Ketelaars c.s. (31) 111858 P (32) 06.11.2008 (33) United States of America (47) 14.03.2018 | (51) A61N 1/375 A61N 1/378 A61N 1/37 A61N 1/372 (11) EP2498870 (21) EP10757376.8 (22) 17.09.2010 (54) STRUCTURE FOR AN IMPLANTABLE MEDICAL DEVICE HAVING TELEMETRY AND CHARGING COILS WITHIN A CASE (73) Boston Scientific Neuromodulation Corporation (72) RAHMAN, Md. Mizanur NIMMAGADDA, Kiran PARRAMON, Jordi FELDMAN, Emanuel (74) ir. A.R. Aalbers (31) 616178 (32) 11.11.2009 (33) United States of America (47) 21.03.2018 | (51) B01D 53/14 B01D 53/18 B32B 13/12 C09K 15/08 F16L 58/10 B32B 15/085 (11) EP2729232 (21) EP12732660.1 (22) 05.07.2012 (54) CO2 capture in an polypropylene absorption column comprising an antioxidant (73) Aker Engineering & Technology AS (72) JAMTVEDT, Svein ØYSÆD, Harry GJERP, John Ole FORSBERG, Frank Henning (74) ir. M.F.J.M. Ketelaars c.s. (31) 20110971 (32) 05.07.2011 (33) Norway (47) 14.02.2018 |
| (51) A61N 1/05 A61N 1/36 A61B 5/021 A61N 1/04 (11) EP3157617 (21) EP15735789.8 (22) 18.06.2015 (54) BARORECEPTOR MAPPING SYSTEM (73) Cardiac Pacemakers, Inc. (72) DE KOCK, Andrew L. MOKELKE, Eric A. SOLTIS, Brian GIWOYNA, Doug E. BLOOD, James E. GORDON, Jack (74) ir. H.J.G. Lips c.s. (31) 201462014390 P 201462014496 P (32) 19.06.2014 19.06.2014 (33) United States of America | (51) A61N 5/10 A61K 45/06 A61K 31/704 C07K 7/06 C07K 14/415 (11) EP2817004 (21) EP13751205.9 (22) 21.02.2013 (54) BOUVARDIN DERIVATIVES AND THERAPEUTIC USES THEREOF (73) The Regents of The University of Colorado, A Body Corporate Suvica, Inc. (72) SU, Tin, Tin GLADSTONE, Mara, N. ZHANG, Gan SAMMAKIA, Tarek (74) dr. A. Krebs (31) 201261601981 P 201261702706 P (32) 22.02.2012 18.09.2012 (33) United States of America United States of America (47) 11.04.2018 | (51) B01D 53/72 (11) EP2893258 (21) EP13762096.9 (22) 09.09.2013 (54) SYSTEM FOR REGENERATIVE THERMAL OXIDATION (RTO) (73) Luft- und Thermotechnik Bayreuth GmbH (72) HAGEN, Matthias SCHRICKER, Bernd (74) drs. ir. M. Smit (31) 102012108391 (32) 10.09.2012 (33) Germany (47) 14.02.2018 |
| (51) A61N 1/05 A61N 1/36 A61B 5/021 A61N 1/04 (11) EP3157617 (21) EP15735789.8 (22) 18.06.2015 (54) BARORECEPTOR MAPPING SYSTEM (73) Cardiac Pacemakers, Inc. (72) DE KOCK, Andrew L. MOKELKE, Eric A. SOLTIS, Brian GIWOYNA, Doug E. BLOOD, James E. GORDON, Jack (74) ir. H.J.G. Lips c.s. (31) 201462014390 P 201462014496 P (32) 19.06.2014 19.06.2014 (33) United States of America | (51) A61N 1/36 A61N 1/32 A61N 1/20 (11) EP2209518 (21) EP08844728.9 (22) 28.10.2008 (54) ONSET-MITIGATING HIGH-FREQUENCY NERVE BLOCK (73) Case Western Reserve University (72) KILGORE, Kevin, L. BHADRA, Niloy (74) ir. H.J.G. Lips c.s. (31) 983420 P (32) 29.10.2007 (33) United States of America (47) 21.02.2018 | (51) B01D 39/16 B01D 46/52 D21H 15/02 D21H 27/00 D21H 27/30 D21H 27/08 (11) EP3100779 (21) EP15742683.4 (22) 27.01.2015 (54) MULTILAYER FILTRATION MATERIAL FOR FILTER, METHOD FOR MANUFACTURING SAME, AND AIR FILTER (73) Teijin Frontier Co., Ltd. (72) KAMIYAMA, Mie (74) ir. M.F.J.M. Ketelaars c.s. (31) 2014013382 (32) 28.01.2014 (33) Japan (47) 14.03.2018 |
| (51) A61N 1/05 A61N 1/36 A61B 5/021 A61N 1/04 (11) EP3157617 (21) EP15735789.8 (22) 18.06.2015 (54) BARORECEPTOR MAPPING SYSTEM (73) Cardiac Pacemakers, Inc. (72) DE KOCK, Andrew L. MOKELKE, Eric A. SOLTIS, Brian GIWOYNA, Doug E. BLOOD, James E. GORDON, Jack (74) ir. H.J.G. Lips c.s. (31) 201462014390 P 201462014496 P (32) 19.06.2014 19.06.2014 (33) United States of America | (51) A61N 1/36 A61N 1/32 A61N 1/20 (11) EP2209518 (21) EP08844728.9 (22) 28.10.2008 (54) ONSET-MITIGATING HIGH-FREQUENCY NERVE BLOCK (73) Case Western Reserve University (72) KILGORE, Kevin, L. BHADRA, Niloy (74) ir. H.J.G. Lips c.s. (31) 983420 P (32) 29.10.2007 (33) United States of America (47) 21.02.2018 | (51) B01D 39/16 B01D 46/52 D21H 15/02 D21H 27/00 D21H 27/30 D21H 27/08 (11) EP3100779 (21) EP15742683.4 (22) 27.01.2015 (54) MULTILAYER FILTRATION MATERIAL FOR FILTER, METHOD FOR MANUFACTURING SAME, AND AIR FILTER (73) Teijin Frontier Co., Ltd. (72) KAMIYAMA, Mie (74) ir. M.F.J.M. Ketelaars c.s. (31) 2014013382 (32) 28.01.2014 (33) Japan (47) 14.03.2018 |

| | | |
|--|--|--|
| (11) EP2237867 | (47) 21.02.2018 | OBTAINED BY METALLURGICAL OR |
| (21) EP08870047.1 | (51) B02C 18/36 | COMPOSITE GRADIENT |
| (22) 19.12.2008 | (11) EP2338602 | (73) OPT'ALM |
| (54) FLUID BED GRANULATION PROCESS AND APPARATUS | (21) EP10004657.2 | (72) TOUFINE, Alain |
| (73) CASALE SA | (22) 03.05.2010 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (72) ZARDI, Federico | (54) Pre-cutter or perforated disc for multi-part cutting sets | (31) 1402904 |
| (74) dr. A. Ellens c.s. | (73) Power Tools GmbH | (32) 15.12.2014 |
| (31) 08000098 | Haack, Eberhard | (33) France |
| (32) 04.01.2008 | (72) Haack, Eberhard | (47) 07.02.2018 |
| (33) European Patent Office (EPO) | Haack, Oliver | (51) B22F 3/105 |
| (47) 14.03.2018 | (74) ir. M.F.J.M. Ketelaars c.s. | B29C 64/35 |
| (51) B01J 4/00 | (31) 202009017439 U | B33Y 40/00 |
| B01J 19/00 | (32) 23.12.2009 | B25J 21/02 |
| (11) EP2818238 | (33) Germany | B66F 9/02 |
| (21) EP14174857.4 | (47) 14.03.2018 | B66F 11/00 |
| (22) 27.06.2014 | (51) B05C 9/06 | (11) EP3165303 |
| (54) Method for thermal conversion of a substance mixture into particles in a reactor chamber | G03F 7/00 | (21) EP15193412.2 |
| (73) JENOPTIK Automatisierungstechnik GmbH | G03F 7/12 | (22) 06.11.2015 |
| (72) Krippendorf, Ronald | C23F 1/00 | (54) UNPACKING SYSTEM FOR USE IN AN APPARATUS FOR PRODUCING THREE- DIMENSIONAL WORK PIECES |
| Krech, Thomas | B41M 7/00 | (73) SLM Solutions Group AG |
| (74) ir. A.R. Aalbers | B44C 1/00 | (72) Hübinger, Karsten |
| (31) 102013106837 | B41M 1/20 | Schwarze, Dieter |
| (32) 28.06.2013 | B44C 1/22 | Krol, Toni Adam |
| (33) Germany | B29C 33/38 | Gieser, Eduard |
| (47) 07.03.2018 | B29C 45/37 | (74) J.M.H. Duyver lic. |
| (51) B01J 19/00 | (11) EP2875872 | (47) 04.04.2018 |
| B01J 8/00 | (21) EP13194261.7 | (51) B24B 3/52 |
| C07C 5/333 | (22) 25.11.2013 | B24B 3/54 |
| C07C 15/40 | (54) Template for surface structures produced by etching | B24B 7/00 |
| C07C 15/46 | (73) AKK GmbH | B24B 19/16 |
| (11) EP3068530 | (72) Kesper, Peter | B24D 15/06 |
| (21) EP14802202.3 | (74) ir. J.M.G. Dohmen c.s. | (11) EP3130428 |
| (22) 10.11.2014 | (47) 28.03.2018 | (21) EP16183145.8 |
| (54) ETHYLBENZENE DEHYDROGENATION PLANT FOR PRODUCING STYRENE AND RELATIVE PROCESS | (51) B05D 3/06 | (22) 26.03.2014 |
| (73) Versalis S.p.A. | F26B 3/28 | (54) MANUALLY OPERATED SHARPENER |
| (72) GALEOTTI, Armando | B01J 19/12 | (73) EDGE CRAFT CORPORATION |
| OLIOSI, Mirko | G02B 5/20 | (72) HUBER, Thomas, M. |
| (74) J.M.H. Duyver lic. | G02B 5/28 | FRIEL, Daniel, D. |
| (31) MI20131870 | (11) EP2911808 | WEINER, Samuel |
| (32) 11.11.2013 | (21) EP13783254.9 | GLUYAS, Cassandra, Wilson |
| (33) Italy | (22) 22.10.2013 | GLUYAS, Thomas, Walter |
| (47) 21.02.2018 | (54) UV IRRADIATION DEVICE FOR CLOCKED OPERATION | (74) ir. J.M.G. Dohmen c.s. |
| (51) B01L 3/00 | (73) Oerlikon Surface Solutions AG, Trübbach | (31) 201313927253 |
| B01F 5/06 | (72) RIBEIRO, Carlos | (32) 26.06.2013 |
| (11) EP2830766 | KARSCH, Tasso | (33) United States of America |
| (21) EP13717299.5 | SCHÄFER, Rüdiger | (47) 09.05.2018 |
| (22) 28.03.2013 | KASPAR, Martin | (51) B29B 11/16 |
| (54) BIOSENSOR DEVICE AND SYSTEM | (74) ir. M.F.J.M. Ketelaars c.s. | C09J 4/00 |
| (73) DNAE GROUP HOLDINGS LIMITED | (31) 102012020743 | B29C 70/34 |
| (72) ATHANASIOU, Panteleimon | (32) 23.10.2012 | B29C 70/38 |
| PATEL, Alpesh | (33) Germany | B29C 70/54 |
| WHITAKER, David | (47) 21.02.2018 | (11) EP1749631 |
| BAI, Hua | (51) B22F 3/105 | (21) EP06015128.9 |
| PALMER-FELGATE, John | B22F 3/11 | (22) 20.07.2006 |
| COOMBER-ALFORD, Daniel | B22F 7/02 | (54) Method for making three-dimensional preforms using anaerobic binders |
| REED, Sam | B29C 67/00 | (73) American GFM Corporation |
| FISHER, Jessica | B32B 3/12 | (72) Buckley, Daniel T. |
| SCHNEIDER, Chad | (11) EP3034208 | (74) ir. H.J.G. Lips c.s. |
| FLAMM, Alex | (21) EP15200033.7 | (31) 194835 |
| LANE, Ben | (22) 15.12.2015 | (32) 01.08.2005 |
| (74) ir. C.M. Jansen c.s. | (54) METHOD FOR OBTAINING HIGHLY ANISOTROPIC SANDWICH STRUCTURE | (33) United States of America |
| (31) 201205497 | INCORPORATING MECHANICAL | (47) 21.02.2018 |
| (32) 28.03.2012 | AND THERMAL FUNCTIONS, AND | (51) B29B 11/16 |
| (33) United Kingdom | STRUCTURE CORE AND SKINS | F01D 25/24 |
| | | (11) EP2937198 |

- (21) EP15169213.4
(22) 21.10.2013
(54) CIRCUMFERENTIAL STIFFENERS FOR COMPOSITE FANCASES
(73) Albany Engineered Composites, Inc.
(72) Goering, Jonathan
(74) dr. A. Krebs
(31) 201213658578
(32) 23.10.2012
(33) United States of America
(47) 04.04.2018
-
- (51) B32B 3/02
B32B 15/02
B32B 15/14
B32B 15/18
B32B 3/04
(11) EP3162554
(21) EP16020423.6
(22) 27.10.2016
(54) WALL AND PANEL FOR SAFETY CABINET
(73) Metal Quartz SA
(72) Dalla Valle, Dario
(74) ir. R. Wijnstra
(31) 201500251
(32) 30.10.2015
(33) Belgium
(47) 07.03.2018
-
- (51) B32B 37/10
B44C 5/04
B32B 29/00
B32B 29/06
B32B 3/30
(11) EP3119607
(21) EP15711472.9
(22) 17.03.2015
(54) LAMINATE, PRESSING MEANS, AND METHOD FOR THE PRODUCTION THEREOF
(73) Fritz Egger GmbH & Co. OG
(72) ARTHOLD, Andreas
(74) ir. J.M.G. Dohmen c.s.
(31) 102014003722
102014104754
(32) 18.03.2014
03.04.2014
(33) Germany
Germany
(47) 28.02.2018
-
- (51) B41J 2/165
(11) EP2404759
(21) EP11171718.7
(22) 28.06.2011
(54) Discharge ink collecting apparatus
(73) Miyakoshi Printing Machinery Co., Ltd.
(72) Izawa, Hideo
Namiki, Takao
Itabashi, Wataru
(74) ir. A.R. Aalbers
(31) 2010154436
(32) 07.07.2010
(33) Japan
(47) 07.03.2018
-
- (51) B41J 2/175
(11) EP2522514
(21) EP12180180.7
(22) 09.10.2008
- (54) Container and method for liquid storage and dispensing
(73) Videojet Technologies, Inc.
(72) Tomlin, Matthew
Mann, Carl
Blowfield, Philip John
(74) ir. C.M. Jansen c.s.
(31) 0720288
(32) 12.10.2007
(33) United Kingdom
(47) 21.02.2018
-
- (51) B41J 2/21
B41M 5/00
C09D 11/322
C09D 11/101
B41J 2/175
C09D 11/40
B41M 7/00
(11) EP2097265
(21) EP07821776.7
(22) 24.10.2007
(54) WHITE INKJET INK IMPROVED FOR DISPERSION STABILITY
(73) AGFA NV
(72) VAN THILLO, Etienne
DE VOEGHT, Frank
VERDONCK, Emiel
(31) 06126903
885498 P
(32) 21.12.2006
18.01.2007
(33) European Patent Office (EPO)
United States of America
(47) 21.02.2018
-
- (51) B41J 13/14
B41J 3/407
(11) EP3090877
(21) EP16167612.7
(22) 29.04.2016
(54) METHOD OF FORMING SUBSTRATE ALIGNMENT TABS ON A PRINT SURFACE
(73) OCE-Technologies B.V.
(72) MULKENS, Edwin C.
EDWARDS, Eric J.
(31) 15166334
(32) 05.05.2015
(33) European Patent Office (EPO)
(47) 28.02.2018
-
- (51) B41M 5/00
B44C 1/28
B44C 3/12
B41M 7/00
(11) EP2596959
(21) EP12180559.2
(22) 15.08.2012
(54) Method and system for production of a picture by means of tiles on a wall, floor or ceiling
(73) Evermark, Birgit
(72) Evermark, Birgit
(31) 1150745
(32) 16.08.2011
(33) Sweden
(47) 14.02.2018
-
- (51) B41M 5/323
B41M 5/333
B41M 5/34
- B41M 3/14
(11) EP3083261
(21) EP14824820.6
(22) 17.12.2014
(54) LASER MARKABLE LAMINATES AND DOCUMENTS
(73) Agfa-Gevaert
(72) STEENACKERS, Marin
LOCCUFIER, Johan
(31) 13198474
(32) 19.12.2013
(33) European Patent Office (EPO)
(47) 21.02.2018
-
- (51) B44B 5/02
B32B 37/10
B29C 59/02
B44C 1/24
B44C 5/04
(11) EP2862724
(21) EP13188777.0
(22) 15.10.2013
(54) Method for coating and embossing a substrate
(73) SWISS KRONO Tec AG
(72) Zitzmann, Klaus
Hofer, Josef
(74) ir. H.V. Mertens c.s.
(47) 21.02.2018
-
- (51) B60D 1/52
B60D 1/54
(11) EP2623345
(21) EP12153625.4
(22) 02.02.2012
(54) Towing hook arrangement and a method for displacing a towing hook of a towing hook arrangement
(73) Brink Towing Systems B.V.
(72) Eising, Frederik, Jacob
Borgonje, Christian Frans
(74) J.M.H. Duyver lic.
(47) 04.04.2018
-
- (51) B60K 7/00
B60L 11/18
(11) EP3077241
(21) EP14809336.2
(22) 02.12.2014
(54) INDIVIDUAL WHEEL DRIVE FOR MOTOR VEHICLES WITH A FUEL CELL OR FLOW BATTERY
(73) Riegel, Jürgen
(72) Riegel, Jürgen
(74) ir. H.V. Mertens c.s.
(31) 20122013
(32) 05.12.2013
(33) Switzerland
(47) 04.04.2018
-
- (51) B60L 3/12
B60L 11/18
G06Q 50/06
(11) EP2928721
(21) EP13808151.8
(22) 03.12.2013
(54) METHOD OF DISTRIBUTED MANAGEMENT OF THE CHARGING OF TRACTION BATTERIES OF ELECTRIC VEHICLES
(73) Renault S.A.S.

| | | |
|---|--|--|
| Centre National de la Recherche Scientifique (CNRS) | (54) METHOD AND CONTROL DEVICE FOR CARRYING OUT OPEN-LOOP OR CLOSED-LOOP CONTROL OF A VEHICLE BRAKE SYSTEM | (11) EP2394896 (21) EP11161941.7 (22) 11.04.2011 (54) Twin-frame bicycle |
| (72) BEAUDE, Olivier SAHELI, Mehdi HENNEBEL, Martin LASAULCE, Samson | (73) WABCO GmbH (72) ECKERT, Horst GAULKE, Arnd | (73) Chin, Hsu-Sheng Fan Chiang, Tsung-Lin Chin, Chih-Ching |
| (74) J.M.H. Duyver lic. (31) 1261601 (32) 04.12.2012 (33) France (47) 21.02.2018 | (74) ir. W.J.J.M. Kempes (31) 102011111592 (32) 25.08.2011 (33) Germany (47) 21.02.2018 | (72) Chin, Hsu-Sheng Fan Chiang, Tsung-Lin Chin, Chih-Ching (31) 814203 (32) 11.06.2010 (33) United States of America (47) 21.02.2018 |
| (51) B60P 1/02 B62D 53/00 B60P 1/43 | (51) B60T 15/00 B60T 13/68 B60T 17/04 | (51) B63B 35/44 E21B 19/00 E21B 19/09 |
| (11) EP3126190 (21) EP14827751.0 (22) 19.12.2014 | (11) EP2635475 (21) EP11767639.5 (22) 08.10.2011 | (11) EP3114026 (21) EP15710954.7 (22) 03.03.2015 |
| (54) TRAILER-TRAIN TRAILER HAVING A CARRYING FRAME FOR A TRANSPORT-MATERIAL CART | (54) VALVE ARRANGEMENT, BRAKE SYSTEM AND VEHICLE | (54) OFFSHORE DRILLING SYSTEM, VESSEL AND METHODS |
| (73) LR Intralogistik GmbH (72) BERGHAMMER, Fritz (74) ir. W.J.J.M. Kempes (31) 202014101510 U (32) 31.03.2014 (33) Germany (47) 14.02.2018 | (73) WABCO GmbH (72) KIEL, Bernd-Joachim ROSENDAHL, Hartmut ROTERS, Gerd STRACHE, Wolfgang STRUWE, Otmar (74) ir. W.J.J.M. Kempes (31) 102010050580 (32) 05.11.2010 (33) Germany (47) 21.02.2018 | (73) Itrec B.V. (72) ROODENBURG, Joop WIJNING, Diederick Bernardus (74) ir. H.V. Mertens c.s. (31) 2012354 (32) 03.03.2014 (33) Netherlands (47) 28.02.2018 |
| (51) B60R 9/048 (11) EP2803534 (21) EP13167951.6 (22) 16.05.2013 | (51) B62D 21/14 B62D 61/12 (11) EP2554458 (21) EP12005425.9 (22) 25.07.2012 | (51) B63H 21/38 B63H 23/06 F16H 57/04 B63H 23/30 B63H 23/32 B63H 5/125 B63H 23/04 |
| (54) ROOF-RACK ELEMENT | (54) Modular system for supporting industrial vehicle, trucks in particular | (11) EP2614000 (21) EP11755276.0 (22) 06.09.2011 (54) TRANSMISSION |
| (73) ROLIX S.p.r.l. (72) Burnick, Frank (47) 07.02.2018 | (73) Mario, Scurti (72) Mario, Scurti (74) dr. A. Krebs (31) PE20110010 (32) 01.08.2011 (33) Italy (47) 14.02.2018 | (73) REINTRIEB GmbH (72) LAIS, Siegfried (74) ir. P.J. Hylarides c.s. (31) 102010044436 (32) 06.09.2010 (33) Germany (47) 14.02.2018 |
| (51) B60R 9/06 B60R 9/10 (11) EP2842809 (21) EP14182292.4 (22) 26.08.2014 (54) Load carrier | (51) B62K 11/00 B62K 17/00 B62D 51/02 B62D 61/02 B62D 51/00 (11) EP2987712 (21) EP14885065.4 (22) 02.12.2014 | (51) B64D 11/06 A47C 7/50 B60N 2/44 (11) EP3060472 (21) EP14789756.5 (22) 17.10.2014 |
| (73) Thule NV (72) Zwanenburg, Guido Coucke, Davy (31) 202013103898 U (32) 28.08.2013 (33) Germany (47) 14.02.2018 | (54) ELECTRIC BALANCE SCOOTER | (54) LINEARLY DEPLOYABLE AIRCRAFT SEAT LEGREST |
| (51) B60S 1/38 B60S 1/40 (11) EP2965957 (21) EP15174985.0 (22) 02.07.2015 | (73) Hangzhou Chic Intelligent Technology Co., Ltd (72) YING, Jiawei CAO, Shaojun (31) 201410262353 (32) 13.06.2014 (33) China (47) 25.04.2018 | (73) B/E Aerospace, Inc. (72) MEISTER, Peter, C. MAHABALESHWARA, Aravinda (74) ir. J.M.G. Dohmen c.s. (31) 201361893618 P (32) 21.10.2013 (33) United States of America (47) 11.04.2018 |
| (54) PIVOT LINK FOR A VEHICLE WIPER BLADE | (54) ELECTRIC BALANCE SCOOTER | (51) B65B 3/02 B29C 49/42 B65D 1/02 (11) EP2595887 |
| (73) Valeo Systèmes d'Essuyage (72) BARRET, Guillaume (74) J.M.H. Duyver lic. (31) 1456725 (32) 11.07.2014 (33) France (47) 14.02.2018 | (51) B62K 13/00 B62K 5/00 B62K 3/12 B62K 13/02 B62K 17/00 B62K 5/02 | |

- (21) EP11729572.5
(22) 30.06.2011
(54) METHOD AND DEVICE FOR PRODUCING AND FILLING CONTAINERS MADE OF THERMOPLASTIC PLASTIC
(73) Hansen, Bernd
(72) Hansen, Bernd
(74) ir. H.V. Mertens c.s.
(31) 102010027617
(32) 20.07.2010
(33) Germany
(47) 25.04.2018
-
- (51) B65B 11/04
B65B 59/04
B65B 65/00
(11) EP3015374
(21) EP13888057.0
(22) 22.08.2013
(54) WINDING MACHINE
(73) Hangzhou Youngsun Intelligent Equipment Co., Ltd.
(72) LUO, Bangyi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201310266617
201320378884 U
(32) 27.06.2013
27.06.2013
(33) China
China
(47) 07.03.2018
-
- (51) B65B 51/06
B65B 61/20
B65B 67/06
(11) EP3142932
(21) EP15729262.4
(22) 15.05.2015
(54) APPARATUS AND METHOD FOR SEALING OR TYING PRODUCTS
(73) DuoSeal Automatics B.V.
(72) AARTS, Guido Maurinus Adriana Maria
(74) ir. C.M. Jansen c.s.
(31) 2012818
(32) 15.05.2014
(33) Netherlands
(47) 14.02.2018
-
- (51) B65B 69/00
(11) EP3010813
(21) EP14737337.7
(22) 17.06.2014
(54) DEVICE FOR EXTRACTING PILLS FROM A BLISTER AND METHOD FOR ADJUSTING THE DEVICE
(73) Langemaat, Willem
(72) Langemaat, Willem
(74) drs. C.H. Mink-Lindenburg
(31) 2010987
(32) 17.06.2013
(33) Netherlands
(47) 14.02.2018
-
- (51) B65D 5/00
(11) EP2922760
(21) EP13808094.0
(22) 21.11.2013
(54) CARDBOARD BOX HAVING A CENTRING TAB, BLANK, SET OF BLANKS AND METHOD FOR PRODUCING SUCH A BOX
(73) DS Smith Packaging France
(72) BOURDIN, Olivier
GUERIN, Arnaud
LE LAY, Nicolas
(74) ir. F.A. Geurts c.s.
(31) 1261059
(32) 21.11.2012
(33) France
(47) 21.02.2018
-
- (51) B65D 5/74
B29C 45/14
B65D 17/50
(11) EP2955122
(21) EP14171690.2
(22) 10.06.2014
(54) Opening device and apparatus for moulding an opening device on a sheet packaging material
(73) Tetra Laval Holdings & Finance S.A.
(72) Golfieri, Daniele
Cani, Franco
(74) ir. W.J.J.M. Kempes
(47) 21.03.2018
-
- (51) B65D 25/28
(11) EP3088320
(21) EP16167577.2
(22) 28.04.2016
(54) CONTAINER FOR FOOD PRODUCTS AND METHOD TO MANUFACTURE IT
(73) Siropack Italia S.r.l.
(72) DE LUCIA, Rocco
(74) mr. ir. J. van Breda c.s.
(31) BO20150212
(32) 28.04.2015
(33) Italy
(47) 28.02.2018
-
- (51) B65D 30/20
B65D 30/10
B65D 77/06
B65D 75/00
B65B 51/10
B65D 25/16
B65B 1/04
(11) EP2935032
(21) EP13815489.3
(22) 19.12.2013
(54) FLEXIBLE POUCH WITH A LARGER OPENING
(73) Nestec S.A.
(72) VARBANOV, Petar
(74) ir. F.A. Geurts c.s.
(31) 12198357
(32) 20.12.2012
(33) European Patent Office (EPO)
(47) 21.02.2018
-
- (51) B65D 83/66
B65D 83/38
(11) EP3186166
(21) EP16801969.3
(22) 10.11.2016
(54) PRESSURE CONTROL DEVICE, DISPENSER COMPRISING SAID PRESSURE CONTROL DEVICE AND METHOD OF MANUFACTURING
(73) Gojara
(72) VANDERSTRAETEN, Erwin
DE CUYPER, Dirk
ANTHIERENS, Tom
(74) Eeckhaoudt IP bvba
(31) 201505737
16061840
(32) 10.11.2015
25.05.2016
(33) Belgium
European Patent Office (EPO)
(47) 28.02.2018
-
- (51) B65D 85/804
(11) EP3118139
(21) EP16175526.9
(22) 21.06.2016
(54) SYSTEM AND CAPSULE WITH A CAPSULE BODY, PREFERABLY FORMED IN A ROTATIONALLY SYMMETRICAL MANNER
(73) Delica AG
(72) Gugerli, Raphael
Kurtz, Olivia
Alberti, Giovanni Erminio Pietro
(74) ir. F.A. Geurts c.s.
(31) 10222015
(32) 14.07.2015
(33) Switzerland
(47) 14.02.2018
-
- (51) B65D 88/08
B65D 90/02
B65D 90/04
(11) EP3078610
(21) EP16163839.0
(22) 24.03.2009
(54) STORAGE BIN
(73) CTB Inc.
(72) Dingeldein, Mark S
Grossman, Rodney B
Holmes, Justin M
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 38845 P
409104
(32) 24.03.2008
23.03.2009
(33) United States of America
United States of America
(47) 14.03.2018
-
- (51) B65G 13/10
(11) EP3105152
(21) EP15710900.0
(22) 09.02.2015
(54) TRANSFERRING ASSEMBLY FOR CONVEYING SYSTEMS
(73) AVANCON SA
(72) SPECHT, Dieter
(74) ir. W.J.J.M. Kempes
(31) RM20140060
(32) 12.02.2014
(33) Italy
(47) 04.04.2018
-
- (51) B65G 17/08
B65G 17/40
(11) EP3066034
(21) EP14795550.4
(22) 06.11.2014
(54) CONVEYOR BELT MODULE
(73) Ammeraal Beltech Modular A/S
(72) ANDERSEN, Kenneth Westergaard
(74) ir. P.J. Hylarides c.s.
(31) 201370650
(32) 07.11.2013

- (33) Denmark
(47) 07.02.2018
(51) B65G 47/08
(11) EP2890623
(21) EP13833420.6
(22) 19.08.2013
(54) SYSTEMS AND METHODS FOR SELECTING AND GROUPING PRODUCTS
(73) Graphic Packaging International, Inc.
(72) FORD, Colin
(74) ir. F.A. Geurts c.s.
(31) 201261743352 P
201313969067
(32) 31.08.2012
16.08.2013
(33) United States of America
United States of America
(47) 21.02.2018
(51) B65H 75/44
(11) EP2512966
(21) EP10836848.1
(22) 17.12.2010
(54) HOSE REEL REWIND SPEED CONTROL
(73) Reel-Tech Pty Ltd
(72) MORGAN, Sean
MORGAN, Stuart
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2009906131
(32) 17.12.2009
(33) Australia
(47) 07.02.2018
(51) B66C 23/00
B66C 23/62
(11) EP2974993
(21) EP15002091.5
(22) 14.07.2015
(54) MOUNTING DEVICE
(73) Palfinger AG
(72) Juen, Thomas
Pichorner, Gernot
(74) ir. C.M. Jansen c.s.
(31) 2862014 U
(32) 16.07.2014
(33) Austria
(47) 14.02.2018
(51) B67D 7/08
B67D 7/16
B67D 7/20
B67D 7/22
B67D 7/66
G01F 1/74
G01F 15/02
(11) EP2199754
(21) EP09014847.9
(22) 30.11.2009
(54) Method and device for transferring a liquid with one at least temporary gas inclusion and for determining the amount of transferred liquid
(73) BARTEC BENKE GmbH
(72) Böhm, Alfred
Binder, Wilhelm
Lerach, Dieter
(74) ir. H.V. Mertens c.s.
(31) 102008063779
(32) 18.12.2008
(33) Germany
- (47) 04.04.2018
(51) C01B 21/28
B01J 8/00
(11) EP2753575
(21) EP12780650.3
(22) 07.09.2012
(54) APPARATUS FOR MINIMIZING BYPASS IN AMMONIA OXIDATION BURNERS OF INDUSTRIAL PLANTS WITH BURNER DIAMETERS OF 2-7 M IN NATURAL- OR FORCED-CIRCULATION BOILERS
(73) ThyssenKrupp Industrial Solutions AG
(72) FUCHS, Jürgen
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102011112782
(32) 09.09.2011
(33) Germany
(47) 28.02.2018
(51) C01B 33/26
C08K 3/34
C08K 9/04
(11) EP2671844
(21) EP12742539.5
(22) 30.01.2012
(54) METHOD FOR PRODUCING A COMPOUND BASED ON PSEUDOLAMINAR SILICATES AND THE USE THEREOF AS FILLER FOR POLYMER MATERIALS
(73) Tolsa, S.A.
(72) SANTARÉN ROMÉ, Julio
AGUILAR DÍEZ, Eduardo
ESTEBAN CUBILLO, Antonio
ÁLVAREZ BERENGUER, Antonio
BENITO CANO, Esperanza
GARCÍA GARCÍA, Nuria
GUZMÁN PEROTE, Julio
TIEMBLO MAGRO, Pilar
(74) ir. F.A. Geurts c.s.
(31) 201130128 P
(32) 01.02.2011
(33) Spain
(47) 07.03.2018
(51) C03C 27/12
(11) EP3053890
(21) EP14848708.5
(22) 30.09.2014
(54) INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS
(73) Sekisui Chemical Co., Ltd.
(72) MIKAYAMA, Kaoru
NAGAI, Yasuharu
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013204323
(32) 30.09.2013
(33) Japan
(47) 07.03.2018
(51) C07C 1/20
C07C 11/167
C07C 29/60
C07C 33/025
C07B 61/00
(11) EP3045436
(21) EP14843276.8
(22) 08.09.2014
- (54) METHOD FOR PRODUCING 1,3-BUTADIENE AND/OR 3-BUTEN-2-OL
(73) Toray Industries, Inc.
National University Corporation Chiba University
(72) SAKAMI, Satoshi
YAMADA, Katsushige
SATO, Satoshi
DUAN, Hailing
(74) ir. H.V. Mertens c.s.
(31) 2013186946
(32) 10.09.2013
(33) Japan
(47) 02.05.2018
(51) C07C 27/16
C07C 49/403
C07C 45/28
C07C 35/08
C07C 29/48
(11) EP2877439
(21) EP12881881.2
(22) 26.07.2012
(54) CYCLOALKANE OXIDATION CATALYSTS AND METHOD TO PRODUCE ALCOHOLS AND KETONES
(73) Rhodia Opérations
Ecole Normale Supérieure de Lyon
East China Normal University
(72) DECAMPO, Floryan
ZHOU, Wenjuan
WU, Peng
XUE, Kai
LIU, Yueming
HE, Mingyuan
(74) ir. W.J.J.M. Kempes
(47) 14.02.2018
(51) C07C 29/62
C07C 29/76
C07C 31/22
C07D 301/26
C07D 303/08
(11) EP2234947
(21) EP08862084.4
(22) 16.12.2008
(54) GLYCEROL-BASED PRODUCT, PROCESS FOR OBTAINING SAME AND USE THEREOF IN THE MANUFACTURE OF DICHLOROPROPANOL
(73) SOLVAY SA
(72) GILBEAU, Patrick
BALTHASART, Dominique
(74) ir. C.M. Jansen c.s.
(31) 0759891
(32) 17.12.2007
(33) France
(47) 21.02.2018
(51) C07C 45/48
C07C 49/203
C07C 67/04
C07C 69/28
C07C 51/44
C07C 57/12
C07C 51/36
C10M 105/38
(11) EP2966056
(21) EP15175655.8
(22) 07.07.2015

| | | |
|--|--|---|
| (54) ESTOLIDE COMPOUND CONTAINING KETONE FUNCTIONAL GROUP AND METHOD FOR PREPARING THE SAME | C07C 69/24 C07C 69/78 C07C 51/09 | (22) 12.11.2010 (54) Methods for the production of L-carnitine |
| (73) SK Innovation Co., Ltd. SK Lubricants Co., Ltd. | C07C 53/08 C07C 53/122 | (73) Lonza Ltd (72) PARADIES, Gesa BÜCHNER, Thomas |
| (72) KIM, Yong Woo JEON, Hee Jung KWON, Wan Seop KIM, Hak Mook OK, Jin Hee | C07C 67/54 C07C 67/055 C07C 67/08 C07C 29/149 C07C 31/08 | (74) drs. ir. M. Smit (31) 09014403 262367 P (32) 18.11.2009 18.11.2009 |
| (74) M.L. Huisman (31) 20140084970 (32) 08.07.2014 (33) Korea (Republic) (47) 21.03.2018 | C07C 31/10 C07C 51/02 C07C 53/12 (11) EP2812307 (21) EP13701905.5 | (33) European Patent Office (EPO) United States of America (47) 14.02.2018 |
| (51) C07C 45/50 B01J 31/02 B01J 31/18 B01D 61/02 | (22) 18.01.2013 (54) METHOD FOR PRODUCING VINYL ESTERS (73) OXEA GmbH (72) JOHNNEN, Leif STRUTZ, Heinz SCHALAPSKI, Kurt NOWOTNY, Norman HÖFS, Wolfgang GEISEL, Sebastian (74) ir. M.F.J.M. Ketelaars c.s. | (51) C07C 231/02 A61K 47/18 A61K 9/127 A61K 47/24 A61K 31/713 C12N 15/113 C12N 15/11 C07C 279/14 C07C 209/50 (11) EP1771206 (21) EP05742844.3 (22) 06.05.2005 (54) LIPIDS, LIPID COMPLEXES AND USE THEREOF (73) Silence Therapeutics GmbH (72) KEIL, Oliver KAUFMANN, Jörg (74) J.M.H. Duyver lic. |
| (11) EP3080066 (21) EP14809847.8 (22) 10.12.2014 (54) TWO-STEP HYDROFORMYLATION WITH GAS-RECYCLE AND SILP-TECHNOLOGY (73) Evonik Degussa GmbH (72) BECKER, Marc DYBALLA, Katrin Marie FRANKE, Robert FRIDAG, Dirk HAHN, Hanna LAZAR, Marina PRISKE, Markus STOCHNIOL, Guido (74) ir. W.J.J.M. Kempes (31) 102013225883 (32) 13.12.2013 (33) Germany (47) 21.02.2018 | (31) 102012002282 (32) 06.02.2012 (33) Germany (47) 14.03.2018 (51) C07C 68/02 C07C 69/62 (11) EP2788313 (21) EP12788587.9 (22) 23.11.2012 (54) PROCESS FOR THE MANUFACTURE OF 1,1'-DIFLUOROSUBSTITUTED DIALKYL CARBONATES (73) Solvay SA (72) BOMKAMP, Martin (74) ir. W.J.J.M. Kempes (31) 11192446 (32) 07.12.2011 (33) European Patent Office (EPO) (47) 21.02.2018 | (32) 05.05.2004 27.12.2004 (33) European Patent Office (EPO) European Patent Office (EPO) (47) 11.04.2018 |
| (51) C07C 51/265 C07C 63/26 B01J 8/22 B01J 10/00 B01J 8/18 | (31) 102013225883 (32) 13.12.2013 (33) Germany (47) 21.02.2018 (51) C07C 51/265 C07C 63/26 B01J 8/22 B01J 10/00 B01J 8/18 | (51) C07C 275/50 C07C 275/54 A61K 31/17 A61P 35/00 A61P 35/02 A61P 29/00 C07D 333/60 C07C 311/51 C07C 317/50 C07C 323/25 C07C 323/44 C07D 209/20 C07D 295/185 C07D 213/56 (11) EP1763509 (21) EP05756678.8 (22) 01.07.2005 (54) ALPHA-HELICAL MIMETICS (73) THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH (72) LESSENE, Guillaume, Laurent BAELL, Jonathan (74) ir. W.J.J.M. Kempes (31) 584473 P (32) 02.07.2004 (33) United States of America (47) 21.02.2018 |
| (11) EP2528887 (21) EP10795159.2 (22) 09.12.2010 (54) OXIDATION SYSTEM WITH SIDEDRAW SECONDARY REACTOR (73) GRUPO PETROTEMEX, S.A. DE C.V. (72) SHAIKH, Ashfaq WONDERS, Alan, George (74) ir. W.J.J.M. Kempes (31) 957733 299455 P 299453 P 299450 P (32) 01.12.2010 29.01.2010 29.01.2010 29.01.2010 (33) United States of America United States of America United States of America United States of America (47) 14.03.2018 | (21) EP10795159.2 (22) 09.12.2010 (54) OXIDATION SYSTEM WITH SIDEDRAW SECONDARY REACTOR (73) GRUPO PETROTEMEX, S.A. DE C.V. (72) SHAIKH, Ashfaq WONDERS, Alan, George (74) ir. W.J.J.M. Kempes (31) 957733 299455 P 299453 P 299450 P (32) 01.12.2010 29.01.2010 29.01.2010 29.01.2010 (33) United States of America United States of America United States of America United States of America (47) 14.03.2018 (51) C07C 67/10 C07C 69/01 (11) EP2501673 (21) EP10782190.2 | (32) 05.05.2004 27.12.2004 (33) European Patent Office (EPO) European Patent Office (EPO) (47) 11.04.2018 (51) C07C 275/50 C07C 275/54 A61K 31/17 A61P 35/00 A61P 35/02 A61P 29/00 C07D 333/60 C07C 311/51 C07C 317/50 C07C 323/25 C07C 323/44 C07D 209/20 C07D 295/185 C07D 213/56 (11) EP1763509 (21) EP05756678.8 (22) 01.07.2005 (54) ALPHA-HELICAL MIMETICS (73) THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH (72) LESSENE, Guillaume, Laurent BAELL, Jonathan (74) ir. W.J.J.M. Kempes (31) 584473 P (32) 02.07.2004 (33) United States of America (47) 21.02.2018 |
| (51) C07C 67/10 C07C 69/01 | (11) EP2501673 (21) EP10782190.2 | (51) C07D 215/36 C07D 471/04 C07D 215/38 |

- C07D 215/48
C07C 321/28
C07C 319/20
A61K 31/47
A61K 31/277
A61K 31/4375
A61P 19/06
A61P 19/02
A61P 9/12
A61P 9/00
A61P 9/10
A61P 13/12
A61P 13/04
A61P 39/02
A61P 5/18
A61P 17/06
(11) EP2998296
(21) EP14798044.5
(22) 29.04.2014
(54) CYCLOALKYL ACID DERIVATIVE,
PREPARATION METHOD THEREOF,
AND PHARMACEUTICAL
APPLICATION THEREOF
(73) Shanghai Hengrui Pharmaceutical Co. Ltd.
Jiangsu Hengrui Medicine Co. Ltd.
(72) PENG, Jianbiao
SUN, Piao yang
LAN, Jiong
GU, Chunyan
LI, Xiaotao
LIU, Bonian
HAN, Chunzhou
HU, Qiyue
JIN, Fangfang
DONG, Qing
CAO, Guoqing
(31) 201310174990
(32) 13.05.2013
(33) China
(47) 14.03.2018

(51) C07D 223/16
A61K 31/55
A61P 3/00
A61P 9/00
A61P 25/00
C07D 403/04
C07D 409/04
C07D 491/04
A61K 9/20
(11) EP2374796
(21) EP10010297.9
(22) 11.04.2003
(54) 8-Chloro-1-methyl-2,3,4,5-tetrahydro-1H-3-
benzazepine, its salts, solvates or hydrates
and its use for the treatment of CNS
disorders
(73) Arena Pharmaceuticals, Inc.
(72) Smith, Jeffrey
Smith, Brian
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 372058 P
405495 P
434607 P
410991
(32) 12.04.2002
23.08.2002
18.12.2002
10.04.2003
(33) United States of America
United States of America
United States of America
United States of America
(47) 28.02.2018

(47) 28.02.2018
(51) C07D 317/26
C07D 493/08
(11) EP3089968
(21) EP14828171.0
(22) 30.12.2014
(54) PROCESS FOR THE INDUSTRIAL
SYNTHESIS OF SORDIDIN
(73) Melchior Material and Life Science France
(72) DUFOUR, Samuel
LEJEUNE, Valérie
SEVESTRE, Hubert
(74) ir. F.A. Geurts c.s.
(31) 1363699
(32) 30.12.2013
(33) France
(47) 07.02.2018

(51) C07D 487/04
A61K 31/495
A61P 35/00
(11) EP2941432
(21) EP13811716.3
(22) 06.12.2013
(54) 2-AMINO-6-FLUORO-N-(5-FLUORO-4-
(4-(4-(OXETAN-3-YL)PIPERAZINE-1-
CARBONYL)PIPERIDIN-1-
YL)PYRIDIN-3-
YL)PYRAZOLO[1,5-ALPHA]PYRIMIDINE-3-
CARBOXAMIDE AS INHIBITOR OF ATR
KINASE
(73) Vertex Pharmaceuticals Inc.
(72) AHMAD, Nadia
BOYALL, Dean
CHARRIER, Jean-Damien
DAVIS, Chris
DAVIS, Rebecca
DURRANT, Steven
ETXEBARRIA I JARDI, Gorka
FRAYSSE, Damien
JIMENEZ, Juan-Miguel
KAY, David
KNEGTEL, Ronald
MIDDLETON, Donald
ODONNELL, Michael
PANESAR, Maninder
PIERARD, Françoise
PINDER, Joanne
SHAW, David
STORCK, Pierre-Henri
STUDLEY, John
TWIN, Heather
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261734726 P
201361787568 P
201361868132 P
(32) 07.12.2012
15.03.2013
21.08.2013
(33) United States of America
United States of America
United States of America
(47) 07.03.2018

(51) C07D 487/04
A61K 31/519
A61P 11/02
A61P 17/00
A61P 19/02
A61P 29/00
A61P 35/00
A61P 35/02
A61P 37/02
A61P 37/06
A61P 37/08
(11) EP3115365
(21) EP16743557.7
(22) 29.01.2016
(54) NOVEL SALT OF FUSED PYRIMIDINE
COMPOUND AND CRYSTAL THEREOF
(73) Taiho Pharmaceutical Co., Ltd.
(72) OSHIUMI, Hiromi
(74) ir. C.M. Jansen c.s.
(31) 2015017387
(32) 30.01.2015
(33) Japan
(47) 14.03.2018

(51) C07D 487/08
C07D 498/08
C07D 498/18
C07D 498/22
A61K 31/504
A61P 31/14
A61K 38/12
A61K 38/15
A61K 45/06
C07K 5/02
A61K 38/00
A61K 39/05
A61K 39/29
(11) EP2861601
(21) EP13729240.5
(22) 07.06.2013
(54) MACROCYCLIC INHIBITORS OF
FLAVIVIRIDAE VIRUSES
(73) Gilead Sciences, Inc.
Cypralis Limited
(72) STEADMAN, Victoria Alexandra
POULLENNEC, Karine G.
LAZARIDES, Linos
ACIRO, Caroline
DEAN, David Kenneth
KEATS, Andrew John
SIEGEL, Dustin Scott
SCHRIER, Adam James
MACKMAN, Richard
JANSA, Petr
HIGHTON, Adrian
WATT, Greg
CHIVA, Jean Yves
(74) ir. C.M. Jansen c.s.
(31) 201261657562 P
(32) 08.06.2012
(33) United States of America
(47) 07.02.2018

(51) C07D 498/14
A61K 31/519
A61P 35/00
(11) EP2970332
(21) EP14716910.6
(22) 14.03.2014
(54) CHEMICAL ENTITIES
(73) Fundación Centro Nacional de
Investigaciones Oncológicas Carlos III

- (72) PASTOR FERNÁNDEZ, Joaquín
 FERNÁNDEZ-CAPETILLO RUIZ, Oscar
 MARTÍNEZ GONZÁLEZ, Sonia
 BLANCO APARICIO, Carmen
 RICO FERREIRA, María del Rosario
 TOLEDO LÁZARO, Luis Ignacio
 RODRÍGUEZ ARÍSTEGUÍ, Sonsoles
 MURGA COSTA, Matilde
 VARELA BUSTO, Carmen
 LOPEZ CONTRERAS, Andrés Joaquín
 RENNER, Oliver
 NIETO SOLER, María
 CEBRIÁN MUÑOZ, David Alvaro
 (74) dr. W.A.H.M. Van Born
 (31) 13382089
 (32) 15.03.2013
 (33) European Patent Office (EPO)
 (47) 28.02.2018
-
- (51) C07D 519/00
 A61K 31/437
 A61P 3/00
 (11) EP3022210
 (21) EP14738531.4
 (22) 14.07.2014
 (54) NEW AZABENZIMIDAZOLE
 DERIVATIVES
 (73) Boehringer Ingelheim International GmbH
 (72) HIMMELSBACH, Frank
 LANGKOPF, Elke
 WAGNER, Holger
 REDEMANN, Frank
 (74) ir. F.A. Geurts c.s.
 (31) 13176929
 (32) 17.07.2013
 (33) European Patent Office (EPO)
 (47) 21.02.2018
-
- (51) C07H 19/06
 C07H 19/10
 C07H 21/04
 C12N 15/115
 (11) EP2558478
 (21) EP11769451.3
 (22) 12.04.2011
 (54) 5-POSITION MODIFIED PYRIMIDINES
 AND THEIR USE
 (73) Somalogic, Inc.
 (72) ROHLOFF, John
 JANJIC, Nebojsa
 CARTER, Jeffrey D.
 FOWLER, Catherine
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 323145 P
 (32) 12.04.2010
 (33) United States of America
 (47) 07.03.2018
-
- (51) C07J 1/00
 C07J 7/00
 C07J 41/00
 C07J 51/00
 (11) EP3083655
 (21) EP14833541.7
 (22) 15.12.2014
 (54) A PROCESS FOR THE PRODUCTION
 OF 19-NORPREGN-4-EN-3,20-
 DIONE-17.ALPHA.-OL (GESTONORONE)
 AND INTERMEDIATES THEREFOR.
 (73) Richter Gedeon Nyrt.
 (72) CSÖRGEL, János
- HORVÁTH, Anita
 SÁNTA, Csaba
 MAHÓ, Sándor
 BÉNI, Zoltán
 HORVÁTH, János
 (74) drs. ir. M. Smit
 (31) P1300722
 (32) 16.12.2013
 (33) Hungary
 (47) 07.02.2018
-
- (51) C07K 1/14
 (11) EP3045467
 (21) EP16158434.7
 (22) 09.12.2011
 (54) REAL TIME MONITORING AND
 CONTROL OF PROTEIN PRODUCTION
 PROCESSES USING IMPEDANCE
 SPECTROSCOPY
 (73) Baxalta GmbH
 Baxalta Incorporated
 (72) Wauters, Cary
 Zaydenberg, Alexander
 (74) J.M.H. Duyver lic.
 (31) 423891 P
 (32) 16.12.2010
 (33) United States of America
 (47) 21.03.2018
-
- (51) C07K 7/56
 C07K 14/47
 A61K 38/12
 (11) EP2807183
 (21) EP13711953.3
 (22) 25.01.2013
 (54) SYNTHETIC APELIN MIMETICS FOR
 THE TREATMENT OF HEART FAILURE
 (73) Novartis AG
 (72) GOLOSOV, Andrei
 GROSCHE, Philipp
 HU, Qi-Ying
 IMASE, Hidetomo
 PARKER, David, Thomas
 YASOSHIMA, Kayo
 ZECRI, Frederic
 ZHAO, Hongjuan
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201261591557 P
 201261717760 P
 201261731697 P
 (32) 27.01.2012
 24.10.2012
 30.11.2012
 (33) United States of America
 United States of America
 United States of America
 (47) 28.02.2018
-
- (51) C07K 14/78
 C07K 5/10
 A61K 38/00
 A61Q 19/00
 (11) EP3002294
 (21) EP15188894.8
 (22) 12.06.2007
 (54) PEPTIDE FRAGMENTS FOR INDUCING
 SYNTHESIS OF EXTRACELLULAR
 MATRIX PROTEINS
 (73) Helix Biomedix Inc.
 (72) HARRIS, Scott
 FALLA, Timothy
- ZHANG, Lijuan
 (74) ir. F.A. Geurts c.s.
 (31) 813284 P
 (32) 13.06.2006
 (33) United States of America
 (47) 28.03.2018
-
- (51) C07K 16/16
 C07K 16/44
 G01N 33/53
 (11) EP2769987
 (21) EP14155565.6
 (22) 18.02.2014
 (54) Immunoassay for detecting kratom its
 constituents and their use
 (73) Randox Laboratories Ltd.
 (72) Benchikh, Elouard
 Fitzgerald, Peter
 McConnell, Ivan
 Lowry, Philip
 (74) drs. A.A. Jilderda
 (31) 201303168
 (32) 22.02.2013
 (33) United Kingdom
 (47) 07.09.2016
-
- (51) C07K 16/28
 A61K 39/395
 (11) EP3033357
 (21) EP14755987.6
 (22) 13.08.2014
 (54) NOVEL ANTI-FC-GAMMA RECEPTOR
 IIB ANTIBODIES AND USES THEREOF
 (73) SuppreMol GmbH
 (72) SONDERMANN, Peter
 POHL, Thomas
 TER MEER, Dominik
 CARLE, Anna
 EHEHALT Daniela
 RIETH, Nicole
 (74) J.M.H. Duyver lic.
 (31) 13004094
 (32) 16.08.2013
 (33) European Patent Office (EPO)
 (47) 14.02.2018
-
- (51) C07K 16/44
 G01N 33/94
 (11) EP2888373
 (21) EP13830375.5
 (22) 20.08.2013
 (54) ANTIBODIES TO ARIPIRAZOLE AND
 USE THEREOF
 (73) Janssen Pharmaceutica NV
 (72) HRYHORENKO, Eric
 SANKARAN, Banumathi
 DECORY, Thomas R.
 TUBBS, Theresa
 COLT, Linda
 REMMERIE, Bart M.
 SALTER, Rhys
 LIN, Ronghui
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201261691522 P
 (32) 21.08.2012
 (33) United States of America
 (47) 14.03.2018
-
- (51) C08F 110/02
 C08F 4/659
 (11) EP3155025
 (21) EP15727425.9

- (22) 11.06.2015
(54) PROCESS FOR PREPARING A POLYETHYLENE IN AT LEAST ONE CONTINUOUSLY STIRRED TANK REACTOR
- (73) Total Research & Technology Feluy
(72) VANTOMME, Aurélien
WILLOCQ, Christopher
WELLE, Alexandre
SLAWINSKI, Martine
- (74) drs. ir. M. Smit
(31) 14172170
(32) 12.06.2014
(33) European Patent Office (EPO)
(47) 14.03.2018
-
- (51) C08F 210/02
C08F 2/00
C08F 10/02
- (11) EP3080171
(21) EP14809897.3
(22) 12.12.2014
(54) MULTISTAGE PROCESS FOR PRODUCING POLYETHYLENE COMPOSITIONS
- (73) Borealis AG
(72) LIU, Yi
JAMIESON, John
TUPE, Ravindra
KELA, Jarmo
- (74) ir. H.V. Mertens c.s.
(31) 13197039
(32) 13.12.2013
(33) European Patent Office (EPO)
(47) 02.05.2018
-
- (51) C08F 210/16
C08F 4/6592
- (11) EP2560999
(21) EP11719104.9
(22) 15.04.2011
(54) CATALYST COMPOSITION FOR PRODUCING HIGH Mz/Mw POLYOLEFINS
- (73) Chevron Phillips Chemical Company LP
(72) YANG, Qing
MCDANIEL, Max, P.
BEAULIEU, William, B
MARTIN, Joel, L.
CRAIN, Tony, R.
- (74) dr. W.A.H.M. Van Borm
(31) 762414
(32) 19.04.2010
(33) United States of America
(47) 14.03.2018
-
- (51) C08G 63/08
A61K 9/00
C08J 3/12
A61K 47/34
C08G 63/664
- (11) EP2480588
(21) EP10817986.2
(22) 20.09.2010
(54) RECONSTITUTABLE REVERSE THERMAL GELLING POLYMERS
- (73) BTG International Limited
(72) FOWERS, Kirk, D.
RATHI, Ramesh
PIAO, Ai-Zhi
- (74) ir. W.J.J.M. Kempes
- (31) 562653
275717 P
- (32) 18.09.2009
18.09.2009
- (33) United States of America
United States of America
- (47) 25.04.2018
-
- (51) C08G 75/23
C08J 9/00
C08J 9/10
C08J 9/12
C08L 81/06
- (11) EP3087120
(21) EP14815713.4
(22) 18.12.2014
(54) NEW FOAM MATERIALS
- (73) Solvay Specialty Polymers USA, LLC.
(72) KENKARE, Nirupama
KWAN, Kermit S.
- (74) ir. W.J.J.M. Kempes
(31) 201361919969 P
14157790
- (32) 23.12.2013
05.03.2014
- (33) United States of America
European Patent Office (EPO)
- (47) 21.02.2018
-
- (51) C08J 3/20
B01J 20/30
- (11) EP2980128
(21) EP14775458.4
(22) 30.01.2014
(54) WATER-ABSORBENT RESIN COMPOSITION PRODUCTION METHOD
- (73) Sumitomo Seika Chemicals Co., Ltd.
(72) KOTAKE, Masato
MASUMOTO, Hironobu
KUZUKAWA, Masahiro
- (74) ir. H.V. Mertens c.s.
(31) 2013067028
(32) 27.03.2013
(33) Japan
(47) 18.04.2018
-
- (51) C08K 5/00
C08K 5/3447
C08K 5/3475
- (11) EP3155041
(21) EP15727343.4
(22) 28.05.2015
(54) USE OF HYDROXYBENZOTRIAZOLE DERIVATIVES AND/OR HYDROXY INDAZOLE DERIVATIVES AS FLAME RETARDANTS FOR PLASTICS AND FLAMEPROOF PLASTIC MOULDED BODIES
- (73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) PFAENDNER, Rudolf
MAZUROWSKI, Markus
- (74) J.M.H. Duyver lic.
(31) 102014211276
(32) 12.06.2014
(33) Germany
(47) 21.03.2018
-
- (51) C08K 7/00
C01F 5/22
B82B 3/00
B82Y 99/00
- (73) C08K 3/22
C09K 21/02
- (11) EP2998273
(21) EP14858993.0
(22) 06.10.2014
(54) MAGNESIUM HYDROXIDE FIRE RETARDANT NANOPARTICLES AND PRODUCTION METHOD THEREOF
- (73) Joint Stock Company Kaustik
(72) GORDON, Elena Petrovna
KOROTCHENKO, Alla Vitalievna
LEVCHENKO, Nadezhda Illarionovna
UGNOVENOK, Tatiana Sergeevna
- (74) J.M.H. Duyver lic.
(31) 2013148190
(32) 29.10.2013
(33) Russian Federation
(47) 28.03.2018
-
- (51) C08L 7/00
B60C 1/00
C08K 3/36
C08L 15/00
- (11) EP3037467
(21) EP14838208.8
(22) 11.08.2014
(54) RUBBER COMPOSITION AND TIRE
- (73) Kuraray Co., Ltd.
Amyris, Inc.
(72) KODA, Daisuke
HIRATA, Kei
- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013173740
(32) 23.08.2013
(33) Japan
(47) 14.03.2018
-
- (51) C09C 1/00
EP3034564
EP14199293.3
19.12.2014
- (54) Effect pigments with high transparency, high chroma and a high brilliance, method for their preparation and their use
- (73) Eckart GmbH
(72) Grüner, Michael
Kaupp, Günter
Schneider, Ralph
- (74) ir. J.M.G. Dohmen c.s.
(47) 07.02.2018
-
- (51) C09J 175/04
C09J 7/00
C09J 7/02
C09J 11/00
- (11) EP2630212
(21) EP11835278.0
(22) 24.10.2011
(54) ROBUST ADHESIVES FOR LAMINATING FLEXIBLE PACKAGING MATERIAL
- (73) Henkel IP & Holding GmbH
(72) KOLLBACH, Guido
RAMALINGAM, Balasubramaniam
- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 405885 P
(32) 22.10.2010
(33) United States of America
(47) 14.03.2018
-
- (51) C09K 11/02
C09K 11/61

- H01L 33/50
H01L 33/52
(11) EP3090030
(21) EP14828089.4
(22) 16.12.2014
(54) MOISTURE-RESISTANT PHOSPHOR COMPOSITIONS AND ASSOCIATE METHODS
(73) General Electric Company
(72) SETLUR, Anant Achyut
LYONS, Robert Joseph
NAMMALWAR, Prasanth Kumar
HANUMANTHA, Ravikumar
MURPHY, James Edward
GARCIA, Florencio
(74) ir. W.J.J.M. Kempes
(31) 6152CH2013
(32) 30.12.2013
(33) India
(47) 21.02.2018
(51) C10B 55/00
C10B 57/04
C10B 57/06
C10G 9/00
(11) EP2714847
(21) EP12723042.3
(22) 14.05.2012
(54) PROCESS FOR DELAYED COKING OF WHOLE CRUDE OIL
(73) Saudi Arabian Oil Company
(72) KOSEOGLU, Omer Refa
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201113113196
(32) 23.05.2011
(33) United States of America
(47) 14.03.2018
(51) C10G 11/00
C10G 45/00
(11) EP2970777
(21) EP13878145.5
(22) 14.03.2013
(54) PROCESS FOR INTRODUCING FINE AND COARSE ADDITIVES FOR HYDROCONVERSION OF HEAVY HYDROCARBONS
(73) BP Europa SE
Kellogg Brown & Root LLC
(72) SCHLEIFFER, Andreas
SUBRAMANIAN, Anand
(74) J.M.H. Duyver lic.
(47) 07.02.2018
(51) C10G 25/00
(11) EP2225349
(21) EP08849418.2
(22) 07.11.2008
(54) PROCESS AND APPARATUS FOR UPGRADING WHOLE CRUDE OIL TO REMOVE NITROGEN AND SULFUR COMPOUNDS
(73) Saudi Arabian Oil Company
(72) KOSEOGLU, Omer, Refa
AL-HAJJI, Adnan
AL-NUFAILY, Jaffar, H.
AHMAD, Dhiya, Al Syed
MULLER, Hendrik
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 985533
(32) 14.11.2007
(33) United States of America
(47) 14.03.2018
(51) C10M 159/20
C10M 159/22
C10M 159/24
C10M 177/00
C10M 129/42
C10M 129/54
C10M 135/10
C10M 135/30
C07C 51/41
C10M 163/00
C10M 169/04
C10M 129/10
C10M 129/40
(11) EP2201089
(21) EP08802834.5
(22) 07.10.2008
(54) ADDITIVES CONTAINING CERIUM FOR LUBRICATING COMPOSITIONS AND METHOD FOR THE PREPARATION THEREOF
(73) ENI S.p.A.
(72) NOTARI, Marcello
D'ELIA, Luigi
PIANTA, Orazio
MANNI, Massimo
(74) J.M.H. Duyver lic.
(31) MI20071953
(32) 09.10.2007
(33) Italy
(47) 14.02.2018
(51) C12M 1/12
C12M 1/32
C12M 3/00
C12M 1/42
(11) EP2625261
(21) EP10770754.9
(22) 08.10.2010
(54) CELL CULTURE INSERT
(73) Naturin Viscofan GmbH
(72) SCHMIDT, Timo
JUST, Lothar
BECKER, Holger
(74) ir. F.A. Geurts c.s.
(47) 28.02.2018
(51) C12N 1/20
C12R 1/01
C02F 3/34
A01C 3/00
C05F 3/00
C05F 11/08
(11) EP2938720
(21) EP13818519.4
(22) 23.12.2013
(54) CONSORTIUM FOR THE REDUCTION OF AMONIA AND/OR METHANE EMISSION IN MANURE OR SOIL
(73) Rinagro B.V.
(72) JOUSTRA, Rinze
(74) ir. P.J. Hylarides c.s.
(31) 2010074
(32) 31.12.2012
(33) Netherlands
(47) 14.02.2018
(51) C12N 5/0783
A61K 48/00
G01N 33/50
(11) EP2245142
(21) EP09705748.3
(22) 28.01.2009
(54) IDENTIFICATION OF CD8+ T CELLS THAT ARE CD161HI AND/OR IL18R(ALPHA)HI AND HAVE RAPID DRUG EFFLUX CAPACITY
(73) Fred Hutchinson Cancer Research Center
(72) TURTLE, Cameron, J.
RIDDELL, Stanley, R.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 24241 P
(32) 29.01.2008
(33) United States of America
(47) 07.03.2018
(51) C12N 9/10
C12P 13/06
(11) EP2841568
(21) EP13718528.6
(22) 12.04.2013
(54) FEEDBACK-RESISTANT ALPHA-ISOPROPYLMALATE SYNTHASES
(73) Evonik Technochemie GmbH
(72) GERSTMEIR, Robert
WIEGRÄBE, Iris
(74) ir. W.J.J.M. Kempes
(31) 102012207097
(32) 27.04.2012
(33) Germany
(47) 21.02.2018
(51) C12N 9/76
C12Q 1/37
G01N 33/542
G01N 33/58
(11) EP3052623
(21) EP14781104.6
(22) 25.09.2014
(54) HUMAN TRYPSINOGEN WITH REDUCED AUTOACTIVATION AND ITS USE IN AN IMMUNOASSAY
(73) Life Science Inkubator GmbH Bonn
(72) BÜTTNER, Karin
PRASSE, Agneta
ZÜCHNER, Thole
(74) dr. A. Ellens c.s.
(31) 13187194
(32) 02.10.2013
(33) European Patent Office (EPO)
(47) 21.02.2018
(51) C12N 15/11
C12N 15/63
C07K 19/00
C12N 15/10
C12N 15/90
A61K 38/46
A61K 48/00
(11) EP3241902
(21) EP17163434.8
(22) 15.03.2013
(54) METHODS AND COMPOSITIONS FOR RNA-DIRECTED TARGET DNA MODIFICATION AND FOR RNA-DIRECTED MODULATION OF TRANSCRIPTION
(73) The Regents of the University of California
University of Vienna
Charpentier, Emmanuelle
(72) CHARPENTIER, Emmanuelle

| | | |
|--|--|--|
| JINEK, Martin | G01N 33/50 | (32) 19.07.2010 |
| DOUDNA CATE, James Harrison | G01N 33/58 | (33) United States of America |
| LIM, Wendell | (11) EP2823061 | (47) 28.02.2018 |
| QI, Lei | (21) EP13757737.5 | (51) C23C 14/08 |
| CHYLINSKI, Krzysztof | (22) 25.02.2013 | B32B 17/10 |
| DOUDNA, Jennifer A. | (54) DETECTION OF NUCLEOTIDE | C03C 17/34 |
| (74) ir. M.F.J.M. Ketelaars c.s. | VARIATION ON TARGET NUCLEIC | C03C 17/36 |
| (31) 201261652086 P | ACID SEQUENCE BY PTO CLEAVAGE | C03C 17/38 |
| 201261716256 P | AND EXTENSION ASSAY | C03C 17/42 |
| 201361757640 P | (73) Seegene, Inc. | C23C 14/58 |
| 201361765576 P | (72) CHUN, Jong Yoon | G02B 5/08 |
| (32) 25.05.2012 | LEE, Young Jo | (11) EP1330418 |
| 19.10.2012 | (74) ir. F.A. Geurts c.s. | (21) EP01988248.9 |
| 28.01.2013 | (31) 201261606713 P | (22) 23.10.2001 |
| 15.02.2013 | 201261613195 P | (54) METHOD OF MAKING COATED |
| (33) United States of America | 201261668628 P | ARTICLES AND COATED ARTICLES |
| United States of America | (32) 05.03.2012 | MADE THEREBY |
| United States of America | 20.03.2012 | (73) Vitro, S.A.B. de C.V. |
| United States of America | 06.07.2012 | (72) BUHAY, Harry |
| (47) 28.02.2018 | (33) United States of America | FINLEY, James, J. |
| (51) C12N 15/113 | United States of America | THIEL, James, P. |
| C12N 15/53 | United States of America | LEHAN, John, P. |
| A01H 5/10 | (47) 14.02.2018 | (74) ir. F.A. Geurts c.s. |
| (11) EP2651209 | (51) C21C 5/40 | (31) 242543 P |
| (21) EP11849098.6 | F27B 3/24 | 7382 |
| (22) 09.12.2011 | F27D 15/02 | (32) 24.10.2000 |
| (54) SOYBEAN EVENT SYHT0H2 AND | F27D 17/00 | 22.10.2001 |
| COMPOSITIONS AND METHODS FOR | F27B 3/06 | (33) United States of America |
| DETECTION THEREOF | (11) EP3081655 | United States of America |
| (73) Syngenta Participations AG | (21) EP15164044.8 | (47) 28.02.2018 |
| (72) HIPSKIND, John | (22) 17.04.2015 | (51) C23C 16/44 |
| BURGIN, Kristina | (54) BARRIER FOR REDUCING THE DUST | C23C 16/455 |
| JAIN, Rakesh | EMISSIONS FOR A COOLER FOR | C23C 16/54 |
| TERPSTRA, Karolyn | COOLING WARM BULK MATERIAL | (11) EP2980271 |
| SIGAREVA, Marina | (73) Primetals Technologies Austria GmbH | (21) EP15183410.8 |
| DEFRAMOND, Annick | (72) Boeberl, Michaela | (22) 26.12.2007 |
| BREITINGER, Becky | Hattinger, Stephan | (54) DELIVERY DEVICE FOR THIN FILM |
| KRAMER, Vance | Hoetzing, Stefan | DEPOSITION |
| GU, Weining | List, Stefan | (73) Eastman Kodak Company |
| (74) ir. W.J.J.M. Kempes | (74) ir. M.F.J.M. Ketelaars c.s. | (72) NELSON, Shelby Forrester |
| (31) 423131 P | (47) 07.03.2018 | LEVY, David Howard |
| 201161467621 P | (51) C22C 38/00 | KERR, Roger Stanley |
| (32) 15.12.2010 | C22C 38/58 | (74) ir. G.P. den Braber |
| 25.03.2011 | C21D 8/02 | (31) 620740 |
| (33) United States of America | C21D 9/46 | (32) 08.01.2007 |
| United States of America | (11) EP2860276 | (33) United States of America |
| (47) 14.03.2018 | (21) EP13883843.8 | (47) 21.02.2018 |
| (51) C12Q 1/00 | (22) 13.08.2013 | (51) C25B 1/04 |
| G01N 33/487 | (54) STEEL PLATE | C25B 11/04 |
| G01N 27/49 | (73) NIPPON STEEL & SUMITOMO METAL | B01J 23/34 |
| G01N 27/327 | CORPORATION | B01J 37/02 |
| (11) EP2267149 | (72) SAITOH Naoki | B01J 37/08 |
| (21) EP10178905.5 | KUREBAYASHI Katsumi | B82Y 30/00 |
| (22) 30.03.2007 | TAKAHASHI Yasunori | B01J 37/03 |
| (54) A method of discriminating control solution | (74) ir. J.M.G. Dohmen c.s. | C25B 11/14 |
| from a physiological sample | (47) 02.05.2018 | H01M 4/88 |
| (73) LifeScan, Inc. | (51) C22F 1/18 | H01M 4/90 |
| (72) Chatelier, Ronald C. | C22C 14/00 | H01M 4/92 |
| Hodges, Alastair McIndoe | C21D 1/26 | (11) EP2820172 |
| Teodorczyk, Maria | (11) EP2596143 | (21) EP13706277.4 |
| Dato, Remedios | (21) EP11731591.1 | (22) 28.02.2013 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (22) 27.06.2011 | (54) ELECTROLYTIC WATER SPLITTING |
| (31) 278333 | (54) PROCESSING OF ALPHA/BETA | USING A CARBON-SUPPORTED MnOx- |
| (32) 31.03.2006 | TITANIUM ALLOYS | COMPOSITE |
| (33) United States of America | (73) ATI Properties LLC | (73) Fritz Haber Institut der Max Planck |
| (47) 07.03.2018 | (72) BRYAN, David, J. | Gesellschaft Department of Inorganic |
| (51) C12Q 1/68 | (74) dr. W.A.H.M. Van Borm | Chemistry |
| C12N 15/11 | (31) 838674 | (72) SCHLÖGL, Robert |

| | | |
|-----------------------------------|----------------------------------|------------------------------------|
| METTE, Katharina | (22) 20.07.2015 | (74) ir. M.F.J.M. Ketelaars c.s. |
| BEHRENS, Malte | (54) MULTI-LAYER CARDBOARD | (47) 07.03.2018 |
| TESSONNIER, Jean-Philippe | MATERIAL AND METHOD FOR THE | (51) E04B 1/84 |
| BERGMANN, Arno | MANUFACTURE OF A MULTILAYER | E04B 9/00 |
| STRASSER, Peter | CARDBOARD MATERIAL | E04B 9/04 |
| (74) J.M.H. Duyver lic. | (73) Mayr-Melnhof Karton AG | (11) EP3134588 |
| (31) 12157274 | (72) Zischka, Michael | (21) EP15719387.1 |
| (32) 28.02.2012 | Magin, Mathias | (22) 17.04.2015 |
| (33) European Patent Office (EPO) | (74) J.M.H. Duyver lic. | (54) MULTI-LAYER CEILING TILE |
| (47) 07.02.2018 | (47) 28.02.2018 | (73) USG Interiors, LLC |
| (51) D01F 2/00 | (51) E01C 3/00 | (72) KEMP, Brian A. |
| D01F 2/02 | E01C 3/06 | XU, Wei |
| (11) EP3090081 | E01C 7/14 | (74) ir. C.M. Jansen c.s. |
| (21) EP14816301.7 | E01C 9/00 | (31) 201414261682 |
| (22) 22.12.2014 | E01C 11/22 | (32) 25.04.2014 |
| (54) CELLULOSE FIBRE | E01C 19/50 | (33) United States of America |
| (73) Lenzing Aktiengesellschaft | (11) EP2631364 | (47) 28.02.2018 |
| (72) SCHREMPF, Christoph | (21) EP11833694.0 | (51) E04D 15/04 |
| SCHUSTER, Kurt Christian | (22) 08.09.2011 | F23D 99/00 |
| RÜF, Hartmut | (54) MANUFACTURING PROCESS FOR | F24H 3/04 |
| FIRGO, Heinrich | ARTIFICIAL PAVEMENT FOR | B29C 65/00 |
| HAINBUCHER, Karl Michael | COUNTERING GLOBAL WARMING | E01C 23/14 |
| (74) ir. C.M. Jansen c.s. | (73) Chen, Jui-Wen | B29C 63/02 |
| (31) 14150132 | Chen, Ting-Hao | B29C 65/10 |
| (32) 03.01.2014 | (72) Chen, Jui-Wen | B23K 28/00 |
| (33) European Patent Office (EPO) | Chen, Ting-Hao | (11) EP1917119 |
| (47) 07.02.2018 | (74) ir. H.J.G. Lips c.s. | (21) EP06761191.3 |
| (51) D05C 15/00 | (31) 201010526375 | (22) 27.07.2006 |
| D05C 15/18 | (32) 19.10.2010 | (54) HOT AIR DEVICE FOR |
| D05C 15/26 | (33) China | THERMOWELDING BITUMEN |
| (11) EP2633112 | (47) 07.02.2018 | MEMBRANES |
| (21) EP11844649.1 | (51) E01F 9/635 | (73) Soprema Inc. |
| (22) 28.10.2011 | E04H 12/02 | (72) CARTIER, Denis |
| (54) METHOD AND DEVICE FOR | E04H 12/08 | BINDSCHEDLER, Pierre-Etienne |
| CONTROLLING A TUFTING MACHINE | (11) EP3162962 | (74) ir. C.M. Jansen c.s. |
| FOR FORMING TUFTED CARPET | (21) EP16195725.3 | (31) 705206 P |
| (73) Shaw Industries Group, Inc. | (22) 26.10.2016 | (32) 04.08.2005 |
| (72) VAUGHAN, Neil | (54) SIGNALLING MAST WITH | (33) United States of America |
| HONEYCUTT, Mark | POLYGONAL CROSS-SECTION HAVING | (47) 14.02.2018 |
| (74) mr. ir. J. van Breda c.s. | PERFORATED SURFACES | (51) E04F 15/02 |
| (31) 407604 P | (73) Lacroix Signalisation | (11) EP2550415 |
| (32) 28.10.2010 | (72) BARBAUD, Benjamin | (21) EP11710473.7 |
| (33) United States of America | (74) ir. P.J. Hylarides c.s. | (22) 21.03.2011 |
| (47) 21.02.2018 | (31) 1560390 | (54) SYSTEM OF AT LEAST TWO PANELS |
| (51) D06F 57/08 | (32) 29.10.2015 | (73) Fritz Egger GmbH & Co. OG |
| (11) EP2980303 | (33) France | (72) STÖCKL, Paul |
| (21) EP15172362.4 | (47) 28.02.2018 | (74) ir. J.M.G. Dohmen c.s. |
| (22) 16.06.2015 | (51) E02B 7/40 | (31) 102010012572 |
| (54) LAUNDRY STAND ASSEMBLY FOR | E02B 7/20 | (32) 23.03.2010 |
| DRYING LAUNDRY | (11) EP2894259 | (33) Germany |
| (73) CASA SI Marketing und | (21) EP12884150.9 | (47) 07.02.2018 |
| Vertriebsgesellschaft mbH | (22) 04.09.2012 | (51) E04G 21/32 |
| (72) Schauerhuber, Hermann Oliver | (54) SLUICE | F16G 11/00 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (73) Terata, Hiroshi | F16G 11/04 |
| (31) 202014103557 U | Terata, Hiroko | A62B 35/00 |
| (32) 31.07.2014 | (72) ISHIDO, Akira | F16G 11/14 |
| (33) Germany | KUKITA, Shoko | (11) EP2491201 |
| (47) 07.03.2018 | TERATA, Keiichi | (21) EP10770633.5 |
| (51) D21H 27/30 | TERATA, Yoko | (22) 22.10.2010 |
| D21H 27/38 | (74) ir. P.J. Hylarides c.s. | (54) LOCKING ASSEMBLY |
| B32B 29/00 | (47) 07.02.2018 | (73) Dachfix GmbH |
| B32B 29/08 | (51) E03F 5/06 | (72) BERLEE, Anthonie Bernardus |
| D21F 11/04 | (11) EP2578759 | (74) ir. M.F.J.M. Ketelaars c.s. |
| D21C 5/02 | (21) EP11008063.7 | (31) 2003694 |
| D21H 11/12 | (22) 05.10.2011 | (32) 22.10.2009 |
| D21H 19/00 | (54) Locking mechanism for drain | (33) Netherlands |
| (11) EP3121332 | (73) Kessel AG | (47) 07.03.2018 |
| (21) EP15177486.6 | (72) Kessel, Bernhard | |

| | | |
|--------------------------------------|---|--------------------------------------|
| (51) E04H 15/38 | (73) Fourds Limited | B66C 1/10 |
| E04H 15/48 | (72) DIAMOND, Cormac | (11) EP3034860 |
| E04H 15/32 | (74) ir. W.J.J.M. Kempes | (21) EP14382518.0 |
| (11) EP3064676 | (31) 201410059 | (22) 15.12.2014 |
| (21) EP16020043.2 | (32) 06.06.2014 | (54) TOOL ASSEMBLY AND METHOD FOR |
| (22) 12.02.2016 | (33) United Kingdom | LIFTING WIND TURBINE PARTS |
| (54) A TENT FRAME AND CORRESPONDING | (47) 28.03.2018 | (73) ALSTOM Renewable Technologies |
| TENT | (51) E06B 9/322 | (72) Cortada Acosta, Pere |
| (73) Fox International Group Limited | E06B 9/30 | Lázaro, Ricardo |
| (72) Taylor, Adam Richard Ellis | E06B 9/308 | Roura, Ferran |
| (74) ir. M.F.J.M. Ketelaars c.s. | E06B 9/307 | Carrión, Laura |
| (31) 201502466 | (11) EP2877666 | (74) J.M.H. Duyver lic. |
| (32) 13.02.2015 | (21) EP13810002.9 | (47) 14.02.2018 |
| (33) United Kingdom | (22) 04.01.2013 | (51) F03D 13/10 |
| (47) 04.04.2018 | (54) WINDOW SHADE, ITS CONTROL | F03D 13/20 |
| (51) E05G 1/04 | MODULE AND METHOD OF | E04H 12/00 |
| E05B 47/00 | OPERATING THE SAME | F15D 1/10 |
| E05B 67/06 | (73) Teh Yor Co., Ltd. | (11) EP3029313 |
| E05B 19/00 | (72) YU, Fu-Lai | (21) EP14196250.6 |
| B62H 5/10 | HUANG, Chin-Tien | (22) 04.12.2014 |
| E05B 71/00 | (74) ir. M.F.J.M. Ketelaars c.s. | (54) Strake for a wind turbine tower |
| E05B 67/22 | (31) 101122682 | (73) Siemens Aktiengesellschaft |
| E05B 67/02 | (32) 25.06.2012 | (72) Moeller, Jesper |
| B62H 5/08 | (33) Taiwan, Province of China | Nielsen, Jacob Groenvald |
| B62K 19/46 | (47) 07.03.2018 | Svinth, Kenneth Helligsoe |
| E05B 1/00 | (51) E21B 19/10 | (74) ir. M.F.J.M. Ketelaars c.s. |
| E05B 83/34 | (11) EP2885485 | (47) 07.03.2018 |
| (11) EP2865835 | (21) EP13729055.7 | (51) F16H 25/24 |
| (21) EP14186925.5 | (22) 11.06.2013 | (11) EP3021005 |
| (22) 29.09.2014 | (54) SLIP | (21) EP14003851.4 |
| (54) Digital closure | (73) Balltec Limited | (22) 14.11.2014 |
| (73) SMIVES GmbH | (72) TAYLOR, Richard | (54) Screw drive with steep thread |
| (72) Naumann, Michael | (74) ir. H.J.G. Lips c.s. | (73) Lakeview Innovation Ltd. |
| (74) ir. W.J.J.M. Kempes | (31) 201210220 | (72) Darko, Lukic |
| (31) 102013111717 | (32) 11.06.2012 | Olaf, Klein |
| (32) 24.10.2013 | (33) United Kingdom | (74) ir. M.F.J.M. Ketelaars c.s. |
| (33) Germany | (47) 07.03.2018 | (47) 07.03.2018 |
| (47) 07.02.2018 | (51) F01K 23/04 | (51) F16L 15/04 |
| (51) E06B 3/663 | F01K 23/06 | (11) EP2770239 |
| E06B 3/673 | F22B 1/18 | (21) EP12841901.7 |
| (11) EP3052731 | F01K 25/08 | (22) 16.10.2012 |
| (21) EP14753266.7 | (11) EP2397659 | (54) THREADED COUPLING FOR PIPE |
| (22) 22.08.2014 | (21) EP11170666.9 | (73) JFE Steel Corporation |
| (54) DISTANCER FOR INSULATING | (22) 21.06.2011 | (72) YOSHIKAWA, Masaki |
| GLAZING | (54) Dual cycle rankine waste heat recovery cycle | NAGAHAMA, Takuya |
| (73) Saint-Gobain Glass France | (73) PACCAR INC. | CHIKATSUNE, Hiroshi |
| (72) KUSTER, Hans-Werner | (72) Ritter, Jason | TAKANO, Jun |
| SCHREIBER, Walter | (74) ir. M.F.J.M. Ketelaars c.s. | KAWAI, Takamasa |
| RIGAUD, Martin | (31) 819904 | UETA, Masateru |
| (74) ir. F.A. Geurts c.s. | (32) 21.06.2010 | TAKAHASHI, Kazunari |
| (31) 13186710 | (33) United States of America | MORIOKA, Nobuhiko |
| (32) 30.09.2013 | (47) 07.03.2018 | (74) ir. C.G.C. Veldman-Dijkers |
| (33) European Patent Office (EPO) | (51) F02C 7/12 | (31) 2011227665 |
| (47) 11.04.2018 | (11) EP2649279 | (32) 17.10.2011 |
| (51) E06B 9/32 | (21) EP11802323.3 | (33) Japan |
| E06B 9/322 | (22) 07.12.2011 | (47) 11.04.2018 |
| E06B 9/326 | (54) FLUID FLOW MACHINE ESPECIALLY | (51) F16L 53/00 |
| E06B 9/42 | GAS TURBINE PENETRATED AXIALLY | (11) EP2596275 |
| E06B 9/78 | BY A HOT GAS STREAM | (21) EP11728185.7 |
| F16H 25/18 | (73) General Electric Technology GmbH | (22) 24.06.2011 |
| F16H 31/00 | (72) KHANIN, Alexander Anatolievich | (54) HEATABLE FLUID LINE |
| F16H 19/06 | (74) ir. W.J.J.M. Kempes | (73) Voss Automotive GmbH |
| F16H 57/035 | (31) 2010150605 | (72) SCHWARZKOPF, Otfried |
| (11) EP3152382 | (32) 09.12.2010 | BERG, Manfred |
| (21) EP15730085.6 | (33) Russian Federation | BRANDT, Josef |
| (22) 05.06.2015 | (47) 21.02.2018 | ETSCHIED, Tobias |
| (54) CHILD SAFE OPERATING WAND FOR A | (51) F03D 1/00 | HEIENBROK, Mark |
| BLIND | | ISENBURG, Marco |

| | | |
|--|--|---|
| SCHÖNEBERG, Christoph | (22) 09.08.2011 | (74) J.M.H. Duyver lic. |
| JESCHONNEK, Markus | (54) Fireplace insert | (31) 201161466795 P |
| (74) ir. H.V. Mertens c.s. | (73) HT- design, s.r.o. | (32) 23.03.2011 |
| (31) 102010032188 | (72) Sulovec, Anton | (33) United States of America |
| (32) 23.07.2010 | Goovaerts, Bart Jean Marie | (47) 14.03.2018 |
| (33) Germany | Súlovec, Vladimír | (51) F25J 3/00 |
| (47) 21.02.2018 | (74) dr. W.A.H.M. Van Borm | C10G 2/00 |
| (51) F21V 3/04 | (31) 500602010 U | C01B 3/32 |
| G02B 5/04 | (32) 11.08.2010 | (11) EP2564140 |
| (11) EP2769142 | (33) Slovakia | (21) EP11720572.4 |
| (21) EP12841485.1 | (47) 14.02.2018 | (22) 27.04.2011 |
| (22) 19.10.2012 | (51) F24C 7/06 | (54) GAS-TO-LIQUID TECHNOLOGY |
| (54) LIGHTING DEVICE WITH | (11) EP2068083 | (73) CompactGTL Limited |
| OMNIDIRECTIONAL LIGHT | (21) EP08468011.5 | (72) BOWE, Michael Joseph |
| DISTRIBUTION | (22) 01.12.2008 | PEAT, Robert |
| (73) Philips Lighting Holding B.V. | (54) Heating unit of an oven | WEST, David James |
| (72) ANSEMS, Johannes Petrus Maria | (73) Gorenje Gospodinjski aparati d.d. | HAWKER, Philip |
| HAGELAAR, Joris Hubertus Antonius | (72) Rudolf, Mitja | (74) dr. A. Krebs |
| BUKKEMS, Peter Johannes Martinus | Kreca, Marko | (31) 201007196 |
| GIELEN, Vincent Stefan David | (74) ir. F.A. Geurts c.s. | (32) 30.04.2010 |
| DEN BOER, Reinier Imre Anton | (31) 200700313 | (33) United Kingdom |
| (74) drs. O. Griebing | (32) 04.12.2007 | (47) 28.02.2018 |
| (31) 201161548882 P | (33) Slovenia | (51) F28F 13/12 |
| (32) 19.10.2011 | (47) 21.02.2018 | F28D 7/10 |
| (33) United States of America | (51) F24F 7/00 | F24F 13/30 |
| (47) 21.02.2018 | F24F 13/14 | F24F 12/00 |
| (51) F21V 5/04 | F24F 11/04 | F28F 9/18 |
| F21V 17/16 | F24F 13/18 | F28D 7/16 |
| F21W 111/00 | E06B 7/02 | F28F 1/00 |
| F21Y 103/10 | F24D 13/02 | F28D 21/00 |
| F21Y 107/30 | E04B 1/70 | F28F 9/00 |
| F21Y 115/10 | (11) EP2574860 | (11) EP3058305 |
| (11) EP2860443 | (21) EP12159475.8 | (21) EP14777636.3 |
| (21) EP14187824.9 | (22) 14.03.2012 | (22) 01.10.2014 |
| (22) 06.10.2014 | (54) Ventilation device with heating, as well as a | (54) AIR-AIR HEAT EXCHANGER |
| (54) Light indicator | building containing such a ventilation device. | (73) Roos GmbH |
| (73) C&E GROUP SRL | (73) Vero Duco N.V. | (72) ROOS, Christoph |
| (72) DI GIOVINE, Vincenzo | (72) Renson, Luc Louis | (74) ir. J.M.G. Dohmen c.s. |
| (31) PD20130054 U | (74) ir. M.F.J.M. Ketelaars c.s. | (31) 102013111290 |
| (32) 08.10.2013 | (31) 2006400 | (32) 14.10.2013 |
| (33) Italy | (32) 15.03.2011 | (33) Germany |
| (47) 14.02.2018 | (33) Netherlands | (47) 11.04.2018 |
| (51) F23D 3/26 | (47) 07.03.2018 | (51) F41H 5/04 |
| F23D 3/28 | (51) F24F 13/08 | (11) EP2270416 |
| F23N 5/02 | F24F 13/12 | (21) EP10184389.4 |
| F23N 5/24 | (11) EP1471313 | (22) 29.07.2008 |
| F23N 5/22 | (21) EP04008662.1 | (54) Composite ballistic fabric structures for hard |
| F23N 5/00 | (22) 10.04.2004 | armor applications |
| (11) EP2525147 | (54) Housing for an air duct arrangement | (73) Honeywell International Inc. |
| (21) EP11179929.2 | (73) Zehnder Group International AG | (72) Ardif, Henry G. |
| (22) 02.09.2011 | (72) Kriesi, Ruedi, Dr. | Steenkamer, David A. |
| (54) Apparatus for automatically extinguishing | (74) drs. ir. M. Smit | Arvidson, Brian |
| heater | (31) 20306453 U | Powers, Danelle |
| (73) Paseco Co., Ltd. | (32) 25.04.2003 | Bhatnagar, Ashok |
| (72) Hong, Soon Il | (33) Germany | Grunden, Bradley |
| Lim, Soo Hyun | (47) 07.02.2018 | (74) ir. W.J.J.M. Kempes |
| (74) J.M.H. Duyver lic. | (51) F25B 21/00 | (31) 888479 |
| (31) 20110045747 | B65D 81/18 | (32) 01.08.2007 |
| (32) 16.05.2011 | B65D 43/02 | (33) United States of America |
| (33) Korea (Republic) | F25D 3/00 | (47) 21.02.2018 |
| (47) 14.02.2018 | (11) EP2689200 | (51) G01B 11/25 |
| (51) F24B 1/191 | (21) EP12760343.9 | (11) EP3108203 |
| F23L 11/00 | (22) 23.03.2012 | (21) EP15741811.2 |
| F23B 10/02 | (54) PHASE CHANGE THERMAL-SINK | (22) 25.03.2015 |
| F23B 80/04 | APPARATUS | (54) METHOD AND APPARATUS FOR |
| F24B 1/189 | (73) Cool Lab, LLC | MEASURING DEPTH OF A SURFACE OF |
| (11) EP2418426 | (72) SCHRYVER, Brian | A TEST OBJECT |
| (21) EP11176898.2 | GANAJA, Scott | (73) Siemens Aktiengesellschaft |

- (72) SCHICK, Anton
RENTSCHLER, Peter
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102014207022
(32) 11.04.2014
(33) Germany
(47) 14.02.2018
(51) G01C 21/32
(11) EP2878925
(21) EP14190186.8
(22) 24.10.2014
(54) Method and apparatus for probe-based routing
(73) HERE Global B.V.
(72) Rolf, Daniel
Karge, Björn
Praetz, Ullrich
Jehlicka, Prokop
(74) ir. J.M.G. Dohmen c.s.
(31) 201314080569
(32) 14.11.2013
(33) United States of America
(47) 11.04.2018
(51) G01D 5/353
A61B 34/30
A61B 34/00
A61B 34/20
(11) EP2533717
(21) EP11703970.1
(22) 28.01.2011
(54) METHOD AND SYSTEM FOR ABSOLUTE THREE-DIMENSIONAL MEASUREMENTS USING A TWIST-INSENSITIVE SHAPE SENSOR
(73) Intuitive Surgical Operations, Inc.
(72) PRISCO, Giuseppe Maria
ROGERS, Theodore W.
DUINDAM, Vincent
CURET, Myriam J.
MOHR, Catherine J.
STOY, Katherine D.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 839642
304094 P
(32) 20.07.2010
12.02.2010
(33) United States of America
United States of America
(47) 14.03.2018
(51) G01F 1/86
G01G 17/04
G01G 17/06
F17C 1/00
F17C 13/02
G01N 9/00
F16K 37/00
G01F 15/06
(11) EP2458344
(21) EP10192962.8
(22) 29.11.2010
(54) Method of, and apparatus for, measuring the true contents of a cylinder of gas under pressure
(73) AIR PRODUCTS AND CHEMICALS, INC.
(72) Downie, Neil Alexander
Behrens, Marcel
Obadun, Lateef Olusegun Adigun
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 14.03.2018
(51) G01J 3/433
G01N 21/03
G01N 21/31
G01N 21/35
G01N 21/39
(11) EP2102633
(21) EP07866898.5
(22) 21.12.2007
(54) GAS DETECTOR
(73) Photonic Innovations Limited
(72) WILSON, Andrew, Colin
GEURSEN, Reece, Wim
SANDEEP, Sri, Kumar
(74) ir. C.G.C. Veldman-Dijkers
(31) 871466 P
(32) 22.12.2006
(33) United States of America
(47) 14.02.2018
(51) G01J 5/02
G01J 5/00
G01J 5/08
H04M 1/725
(11) EP2980548
(21) EP15178981.5
(22) 30.07.2015
(54) APPARATUS AND METHOD FOR ENHANCING ACCURACY OF A CONTACTLESS BODY TEMPERATURE MEASUREMENT
(73) Samsung Electronics Co., Ltd
(72) Lee, Min-Hyoung
Oh, Jung-Taek
Cho, Jae-Geol
Ahn, June-Hyeon
Lee, Jea-Hyuck
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140098488
(32) 31.07.2014
(33) Korea (Republic)
(47) 21.02.2018
(51) G01N 15/10
G01N 15/12
G01N 15/14
B01L 3/02
B01L 3/00
G01N 35/10
(11) EP1834167
(21) EP05852982.7
(22) 02.12.2005
(54) PRESSURE REGULATED CONTINUOUSLY VARIABLE VOLUME CONTAINER FOR FLUID DELIVERY
(73) XY, LLC
(72) NEAS, Edwin, Dean
KUIKEN, Jerald, Edward
SCHENK, John, Louis
GILLIGAN, Thomas, Boyd
(74) ir. W.J.J.M. Kempes
(31) 4382
(32) 03.12.2004
(33) United States of America
(47) 14.02.2018
(51) G01N 21/64
B01L 3/00
C12M 3/06
B01L 7/00
(11) EP2391883
(21) EP10702974.6
(22) 29.01.2010
(54) PORTABLE HIGH GAIN FLUORESCENCE DETECTION SYSTEM
(73) Micronics, Inc.
(72) BATTRELL, C., Frederick
DAIBER, Troy, D.
HUNTER, William, Samuel
KOTLARSKI, Peter
WELTI, Neal, Arthur
GARDNER, Richard, John, Louis
YEAP, Chin, Eng
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 148843 P
(32) 30.01.2009
(33) United States of America
(47) 07.03.2018
(51) G01N 27/10
G06F 19/00
G01F 1/00
G01N 27/416
(11) EP2893476
(21) EP13765569.2
(22) 05.09.2013
(54) RISK-MANAGED, SINGLE-USE, PRE-CALIBRATED, PRE-STERILIZED SENSORS FOR USE IN BIO-PROCESSING APPLICATIONS
(73) PARKER-HANNIFIN CORPORATION
(72) SCHICK, Karl, G.
UHEN, David
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261697421 P
201361788708 P
201313964833
(32) 06.09.2012
15.03.2013
12.08.2013
(33) United States of America
United States of America
United States of America
(47) 07.03.2018
(51) G01N 27/28
H05K 9/00
(11) EP2895849
(21) EP13759238.2
(22) 09.09.2013
(54) POTENTIOMETRIC SENSOR ELEMENT AND METHOD FOR PRODUCING THE SAME
(73) Hamilton Bonaduz AG
(72) ARQUINT, Philipp
SOVRANO, Fabio
FURGER, Karl
(74) ir. F.A. Geurts c.s.
(31) 102012108636
(32) 14.09.2012
(33) Germany
(47) 21.02.2018
(51) G01N 33/08
A01K 43/00
(11) EP3009831
(21) EP14786587.7
(22) 16.05.2014
(54) HATCHING EGG INSPECTION DEVICE AND METHOD
(73) Nabel Co., Ltd.
(72) NAMBU, Kunio

- YASUDA, Kenji
OHASHI, Toyoaki
IGUCHI, Hiroshige
(74) ir. H.V. Mertens c.s.
(31) 2013125303
2013138455
2013156765
(32) 14.06.2013
01.07.2013
29.07.2013
(33) Japan
Japan
Japan
(47) 25.04.2018
(51) G01N 33/24
(11) EP2564021
(21) EP11775405.1
(22) 06.01.2011
(54) MEASUREMENT OF ISOTOPE RATIOS
IN COMPLEX MATRICES
(73) ExxonMobil Upstream Research Company
(72) LAMBERTI, William, A.
KING, Hubert, E.
HORN, William, C.
ZIMMER, Mindy, M.
MACLEOD, Gordon
POTTORF, Robert, J.
SRNKA, Leonard, J.
(74) ir. W.J.J.M. Kempes
(31) 329990 P
(32) 30.04.2010
(33) United States of America
(47) 21.02.2018
(51) G01N 33/564
G01N 33/68
(11) EP2205975
(21) EP08843343.8
(22) 31.10.2008
(54) BIOMARKER FOR THE PREDICTION
OF RESPONSIVENESS TO AN ANTI-
TUMOUR NECROSIS FACTOR ALPHA
(TNF) TREATMENT
(73) Max-Planck-Gesellschaft zur Förderung der
Wissenschaften e.V.
(72) KONTHUR, Zoltán
LEHRACH, Hans
SKRINER, Karl
(74) ir. H.V. Mertens c.s.
(31) 07119810
(32) 31.10.2007
(33) European Patent Office (EPO)
(47) 14.03.2018
(51) G01N 33/68
(11) EP2500730
(21) EP12164660.8
(22) 21.12.2007
(54) Soluble urokinase plasminogen activator
receptor (suPAR) as diagnostic marker for
low-grade inflammation
(73) Hvidovre Hospital
(72) Eugen-Olsen, Jesper
Haugaard, Steen B
Andersen, Ove
(74) dr. W.A.H.M. Van Borm
(31) 200601709
876838 P
200700956
947074 P
(32) 22.12.2006
22.12.2006
29.06.2007
29.06.2007
(33) Denmark
United States of America
Denmark
United States of America
(47) 07.03.2018
(51) G01N 33/68
C07K 16/18
(11) EP2732289
(21) EP12737445.2
(22) 09.07.2012
(54) ANTIBODIES, KIT AND in vitro METHOD
FOR DETECTING AMYLOID BETA
OLIGOMERS
(73) Acumen Pharmaceuticals, Inc.
Merck Sharp & Dohme Corp.
(72) GOURE, William F.
GASPAR, Renee C.
McCAMPBELL, Alexander
SAVAGE, Mary J.
SHUGHRUE, Paul J.
WANG, Fubao
WANG, Weirong
WOLFE, Abigail L.
ZHANG, Ningyan
ZHAO, Wei-Qin
XU, Min
(74) dr. W.A.H.M. Van Borm
(31) PCT/US2011/043866
201161507332 P
(32) 13.07.2011
13.07.2011
(33) World Intellectual Property Office (WIPO)
United States of America
(47) 11.04.2018
(51) G01N 33/94
C07K 16/44
(11) EP3002592
(21) EP15188130.7
(22) 02.10.2015
(54) IMPROVED IMMUNOASSAY FOR
PYRROLIDINOPHENONES
(73) Randox Laboratories Ltd.
(72) Benchikh, Elouard
Fitzgerald, Peter
Lowry, Philip
McConnell, Ivan
(74) J.M.H. Duyver lic.
(31) 201417447
(32) 02.10.2014
(33) United Kingdom
(47) 21.02.2018
(51) G01N 35/00
G01N 33/543
(11) EP2802869
(21) EP13736046.7
(22) 07.01.2013
(54) IMMUNOASSAY TEST SLIDE
(73) IDEXX Laboratories, Inc.
(72) CHAN, Eugene
NASSIF, Keith
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261585050 P
(32) 10.01.2012
(33) United States of America
(47) 07.03.2018
(51) G01P 13/02
B64F 1/18
(11) EP3096151
(21) EP16170237.8
(22) 18.05.2016
(54) DEVICE FOR INDICATING WIND
DIRECTION
(73) C&E GROUP SRL
(72) Di Giovine, Vincenzo
(74) ir. W.J.J.M. Kempes
(31) UB20150764
(32) 22.05.2015
(33) Italy
(47) 07.03.2018
(51) G01R 31/02
G01R 31/04
(11) EP2546665
(21) EP11007589.2
(22) 16.09.2011
(54) Electronic device, and open circuit detecting
system, detecting method thereof
(73) TPK Touch Solutions Inc.
(72) Chiu, Jui-Jung
Li, Yi-Kun
(31) 201110136822
(32) 24.05.2011
(33) China
(47) 21.02.2018
(51) G01V 5/10
(11) EP2646852
(21) EP11802124.5
(22) 02.12.2011
(54) IMPROVEMENTS IN PROVIDING
IMAGE DATA
(73) Phase Focus Limited
(72) MAIDEN, Andrew
(74) dr. A. Krebs
(31) 201020516
(32) 03.12.2010
(33) United Kingdom
(47) 25.04.2018
(51) G02B 6/34
G02B 6/124
(11) EP2685298
(21) EP13175823.7
(22) 09.07.2013
(54) Method and system for grating couplers
incorporating perturbed waveguides
(73) Luxtera, Inc.
(72) Verslegers, Lieven
Mekis, Attila
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261690952 P
(32) 09.07.2012
(33) United States of America
(47) 21.02.2018
(51) G02B 6/44
(11) EP2221647
(21) EP10001710.2
(22) 19.02.2010
(54) A cable including elements for extraction and
an associated method of fabrication
(73) Draka Comteq B.V.
(72) Tatat, Olivier
Nothofer, Klaus
(74) ir. J.M.G. Dohmen c.s.

| | | |
|--|--|---|
| (31) 0900815 | (73) BOE Technology Group Co., Ltd. | (33) France |
| (32) 23.02.2009 | Beijing BOE Display Technology Co., Ltd. | (47) 14.02.2018 |
| (33) France | (72) GUO, Junjie | (51) G03G 15/00 |
| (47) 11.04.2018 | LIAO, Yamping | G03G 21/18 |
| (51) G02B 6/44 | SHAO, Xibin | (11) EP1975734 |
| (11) EP2569665 | WANG, Dan | (21) EP08150753.5 |
| (21) EP11720082.4 | YOON, Daekyun | (22) 29.01.2008 |
| (22) 11.05.2011 | ZOU, Bin | (54) Photosensitive medium supporting apparatus, developing cartridge and image forming apparatus having the same and method to assemble and disassemble a developing cartridge |
| (54) DEVICE FOR CONNECTING PROTECTIVE TUBES OF A FIBER-OPTIC CABLE, SECTION OF AN OPTICAL TRANSMISSION CIRCUIT COMPRISING SUCH A DEVICE AND SEALING ELEMENT FOR SUCH A DEVICE | (74) J.M.H. Duyver lic. (31) 201310086324 (32) 18.03.2013 (33) China (47) 04.04.2018 | (73) S-Printing Solution Co., Ltd. |
| (73) Parker Hannifin Manufacturing France SAS | (51) G02F 1/153 | (72) KWON, Young-ki |
| (72) LE QUERE, Philippe | C09B 69/10 | (74) dr. W.A.H.M. Van Borm |
| (74) ir. C.M. Jansen c.s. | (11) EP2513718 | (31) 20070029986 |
| (31) 1059694 | (21) EP10838342.3 | (32) 27.03.2007 |
| 1053687 | (22) 20.12.2010 | (33) Korea (Republic) |
| (32) 24.11.2010 | (54) COLORED FLUIDS FOR ELECTROWETTING, ELECTROFLUIDIC, AND ELECTROPHORETIC TECHNOLOGIES | (47) 18.04.2018 |
| 11.05.2010 | (73) Sun Chemical Corporation | (51) G05B 15/02 |
| (33) France | (72) CLAPP, Lisa | (11) EP2721450 |
| France | SCHWARTZ, Russell | (21) EP12727568.3 |
| (47) 14.02.2018 | VILNER, Stan | (22) 08.06.2012 |
| (51) G02B 6/44 | (74) ir. C.M. Jansen c.s. | (54) AUTOMATED DEMAND RESPONSE SYSTEM |
| (11) EP2678728 | (31) 287933 P | (73) Siemens Industry, Inc. |
| (21) EP12712787.6 | (32) 18.12.2009 | Siemens Corporation |
| (22) 21.02.2012 | (33) United States of America | (72) IMHOF, Raphael |
| (54) OPTICAL-FIBER INTERCONNECT CABLE | (47) 21.03.2018 | SONGKAKUL, Pornsak |
| (73) Draka Comteq B.V. | (51) G03F 1/64 | MARCHI, Michael J. |
| (72) RISCH, Brian, G. | (11) EP3062149 | RULE, Thomas |
| ROSKO, John, C. | (21) EP13895841.8 | HILLER, Paula |
| TATAT, Olivier | (22) 23.10.2013 | ERSCH, Florian |
| (74) ir. J.M.G. Dohmen c.s. | (54) PELLICLE FRAME AND PROCESS FOR PRODUCING THE SAME | (74) ir. M.F.J.M. Ketelaars c.s. |
| (31) 201161444960 P | (73) Nippon Light Metal Company, Ltd. | (31) 201113163143 |
| 201161515532 P | (72) YAMAGUCHI, Takayuki | (32) 17.06.2011 |
| (32) 21.02.2011 | TAGUCHI, Yoshihiro | (33) United States of America |
| 05.08.2011 | (74) ir. J.M.G. Dohmen c.s. | (47) 07.03.2018 |
| (33) United States of America | (47) 25.04.2018 | (51) G05B 19/042 |
| United States of America | (51) G03F 7/20 | H04L 12/24 |
| (47) 18.04.2018 | (11) EP2541325 | (11) EP2840453 |
| (51) G02B 13/00 | (21) EP12183861.9 | (21) EP14176928.1 |
| G02B 13/26 | (22) 21.02.2007 | (22) 14.07.2014 |
| G02B 21/00 | (54) Exposure apparatus and exposure method | (54) Communication system containing field devices and method for controlling the system |
| G02B 3/00 | (73) Nikon Corporation | (73) Yokogawa Electric Corporation |
| (11) EP2507662 | (72) Shibazaki, Yuichi | (72) Hasegawa, Kenji |
| (21) EP10787721.9 | (74) ir. P.J. Hylarides c.s. | Emori, Toshiyuki |
| (22) 24.11.2010 | (31) 2006044589 | Sakai, Masahiro |
| (54) DEVICE FOR OPTICAL IMAGING | (32) 21.02.2006 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. | (33) Japan | (31) 2013148666 |
| (72) DUPARRE, Jacques | (47) 21.02.2018 | (32) 17.07.2013 |
| WIPPERMANN, Frank | (51) G03F 9/00 | (33) Japan |
| BRÜCKNER, Andreas | (11) EP3077873 | (47) 07.03.2018 |
| BRÄUER, Andreas | (21) EP14814785.3 | (51) G05B 23/02 |
| LEITEL, Robert | (22) 28.11.2014 | (11) EP2897012 |
| VÖLKEL, Reinhard | (54) DEVICE AND METHOD FOR POSITIONING A PHOTOLITHOGRAPHY MASK BY MEANS OF A CONTACTLESS OPTICAL METHOD | (21) EP12887090.4 |
| (74) mr. dr. H.D. Dokter | (73) Unity Semiconductor | (22) 25.10.2012 |
| (31) 102009047361 | (72) FRESQUET, Gilles | (54) PLANT MONITORING DEVICE, PLANT MONITORING PROGRAM, AND PLANT MONITORING METHOD |
| (32) 01.12.2009 | RIBETTE, Guenaël | (73) Mitsubishi Hitachi Power Systems, Ltd. |
| (33) Germany | (74) drs. ir. M. Smit | (72) MIKAMI Naotaka |
| (47) 11.04.2018 | (31) 1362065 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (51) G02F 1/1333 | (32) 04.12.2013 | (47) 07.03.2018 |
| (11) EP2977813 | | (51) G05D 1/02 |
| (21) EP13854207.1 | | |
| (22) 19.06.2013 | | |
| (54) LIQUID CRYSTAL DISPLAY | | |

| | | |
|--|--|--|
| (11) EP3153940 | (73) Microsoft Technology Licensing, LLC | (51) G06F 3/0488 |
| (21) EP16190746.4 | (72) WILSON, Andrew, D. | G06F 3/0481 |
| (22) 27.09.2016 | SINCLAIR, Michael, J. | G06F 3/14 |
| (54) APPARATUS AND METHOD FOR CONTROLLING A VEHICLE | (74) ir. M.F.J.M. Ketelaars c.s. | G06F 3/0485 |
| (73) Deutsche Bahn AG | (31) 463183 | G09G 5/14 |
| (72) Rode, Oliver | (32) 08.08.2006 | (11) EP2784653 |
| (74) J.M.H. Duyver lic. | (33) United States of America | (21) EP14152612.9 |
| (31) 102015219439 | (47) 07.03.2018 | (22) 27.01.2014 |
| (32) 07.10.2015 | (51) G06F 3/048 | (54) Apparatus and method of controlling overlapping windows in a device |
| (33) Germany | (11) EP2524290 | (73) Samsung Electronics Co., Ltd |
| (47) 11.04.2018 | (21) EP10843270.9 | (72) Kang, Doo-Suk |
| (51) G05F 1/67 | (22) 05.10.2010 | Park, Kwang-Weon |
| (11) EP2450770 | (54) DIGITAL SIGNAGE APPARATUS AND METHOD USING THE SAME | Woo, Seung-Soo |
| (21) EP11187462.4 | (73) LG Electronics Inc. | Choi, Bo-Kun |
| (22) 02.11.2011 | (72) LEE, Jaeil | (74) ir. M.F.J.M. Ketelaars c.s. |
| (54) Discontinuous conduction current mode maximum power limitation photovoltaic converter | MHUN, Yunjueng | (31) 20130031497 |
| (73) National Cheng Kung University | KIM, Yunjung | (32) 25.03.2013 |
| (72) Lin, Ray-Lee | LYU, Hyunsun | (33) Korea (Republic) |
| Jhou, Hong-Zhi | LEE, Hyojung | (47) 14.02.2018 |
| (74) J.M.H. Duyver lic. | CHOI, Hyejin | (51) G06F 3/06 |
| (31) 099137789 | NOH, Hyeun | (11) EP1513057 |
| (32) 03.11.2010 | (74) ir. F.A. Geurts c.s. | (21) EP04019314.6 |
| (33) Taiwan, Province of China | (31) 20100003596 | (22) 13.08.2004 |
| (47) 28.02.2018 | 20100003252 | (54) Software-aided storage device emulation in a physical storage device |
| (51) G06F 1/26 | 20100002859 | (73) Microsoft Technology Licensing, LLC |
| H04B 3/54 | (32) 14.01.2010 | (72) Dai, Chung Lang |
| H01R 24/58 | 13.01.2010 | (74) ir. M.F.J.M. Ketelaars c.s. |
| G06F 1/16 | 12.01.2010 | (31) 652450 |
| H02J 4/00 | (33) Korea (Republic) | (32) 29.08.2003 |
| (11) EP2798431 | Korea (Republic) | (33) United States of America |
| (21) EP11878451.1 | (47) 21.03.2018 | (47) 14.03.2018 |
| (22) 29.12.2011 | (51) G06F 3/0481 | (51) G06F 9/44 |
| (54) WIRED COMMUNICATIONS CONNECTOR INCLUDED IN A POWER DEVICE | (11) EP2487578 | (11) EP1221650 |
| (73) Intel Corporation | (21) EP12154523.0 | (21) EP02000354.7 |
| (72) NAOURI, Ygdal | (22) 08.02.2012 | (22) 04.01.2002 |
| (74) ir. W.J.J.M. Kempes | (54) Method and system for controlling screen of mobile terminal | (54) SYSTEM AND METHOD FOR USER INTERFACE MIRRORING UTILIZING A LAYOUT MANAGER |
| (47) 14.02.2018 | (73) Samsung Electronics Co., Ltd. | (73) Microsoft Technology Licensing, LLC |
| (51) G06F 1/32 | (72) Yang, Hui Chul | (72) Bogdan, Jeffrey L. |
| (11) EP2846217 | Kwon, Joong Hun | Hassanin, Mohammed Abdel Hamid |
| (21) EP14174593.5 | Wang, Jee Yeun | (74) ir. M.F.J.M. Ketelaars c.s. |
| (22) 26.06.2014 | Kim, Kyu Sung | (31) 755982 |
| (54) Controlling reduced power states using platform latency tolerance | Kim, Yu Sic | (32) 05.01.2001 |
| (73) Intel Corporation | Park, Sun Young | (33) United States of America |
| (72) Cooper, Barnes | (74) ir. M.F.J.M. Ketelaars c.s. | (47) 07.03.2018 |
| Wilcox, Jeffrey | (31) 201161463043 P | (51) G06F 9/44 |
| Derr, Michael | 20110059539 | G06F 17/30 |
| Songer, Neil | (32) 11.02.2011 | (11) EP3040855 |
| Forbell, Craig | 20.06.2011 | (21) EP15202376.8 |
| (74) ir. W.J.J.M. Kempes | (33) United States of America | (22) 23.12.2015 |
| (31) 201313927746 | Korea (Republic) | (54) UPDATING NAVIGATIONAL MAP DATA ORGANIZED IN LISTS |
| (32) 26.06.2013 | (47) 21.03.2018 | (73) HERE Global B.V. |
| (33) United States of America | (51) G06F 3/0484 | (72) Pfeifle, Martin |
| (47) 21.02.2018 | G06F 3/0481 | (74) dr. W.A.H.M. Van Borm |
| (51) G06F 3/01 | (11) EP3146420 | (31) 201414584818 |
| G06F 3/03 | (21) EP15728281.5 | (32) 29.12.2014 |
| G06F 3/0481 | (22) 21.05.2015 | (33) United States of America |
| G06F 3/0484 | (54) GUIDES ON A CONTENT GENERATION SYSTEM | (47) 04.04.2018 |
| (11) EP2049976 | (73) Microsoft Technology Licensing, LLC | (51) G06F 11/14 |
| (21) EP07777287.9 | (72) JANAS, Lauren Michelle | G06F 12/06 |
| (22) 29.05.2007 | (74) ir. M.F.J.M. Ketelaars c.s. | (11) EP3037967 |
| (54) VIRTUAL CONTROLLER FOR VISUAL DISPLAYS | (31) 201414286709 | (21) EP15196449.1 |
| | (32) 23.05.2014 | (22) 26.11.2015 |
| | (33) United States of America | |
| | (47) 07.03.2018 | |

| | | |
|---|--|---|
| (54) FAULT-TOLERANT STARTUP METHOD AND APPARATUS AND COMPUTER SYSTEM | (54) SEAMLESS DISCOVERY OF WORKSTATION-INSTALLED REMOTE APPLICATIONS FROM THE EXTRANET | COLLABORATIVE EXCHANGE ENVIRONMENT |
| (73) Huawei Technologies Co., Ltd. | (73) Microsoft Technology Licensing, LLC | (73) Intralinks, Inc. |
| (72) TIAN, Kai | (72) BROCKWAY, Tad, Dennis | (72) LANDY, John |
| YU, Jian | LEITMAN, Robert, K. | FORD, Christopher Todd |
| CHEN, Yan | PARSONS, John, E., Jr. | LIRIO, Dario R. |
| (74) ir. W.J.J.M. Kempes | (74) ir. M.F.J.M. Ketelaars c.s. | MCCARTHY, Kevin L. |
| (31) 201410709138 | (31) 722181 | MIHARIA, Anupam |
| (32) 28.11.2014 | (32) 24.11.2003 | MORPARIA, Harshal |
| (33) China | (33) United States of America | PLANTE, Phillip J. |
| (47) 21.02.2018 | (47) 07.03.2018 | PORZIO, Matthew A. |
| (51) G06F 11/14 | (51) G06F 17/00 | ROZIN, Liviu |
| G06F 12/08 | H04L 12/24 | SOTNIKOV, Anver |
| G06F 11/20 | H04L 29/06 | WELLSCHLAGER, Matthew T. |
| (11) EP3062226 | H04L 12/715 | WHINSTON, Stephen Alexander |
| (21) EP13899249.0 | (11) EP2984581 | WHITCHELO, Philip A. |
| (22) 12.12.2013 | (21) EP14782899.0 | BRANTON, Grant |
| (54) DATA REPLICATION METHOD AND STORAGE SYSTEM | (22) 09.04.2014 | PARASCANDOLO, Mark Richard |
| (73) Huawei Technologies Co., Ltd. | (54) DISTRIBUTED NETWORK MANAGEMENT USING A LOGICAL MULTI-DIMENSIONAL LABEL-BASED POLICY MODEL | YICK, Johnson Jun Sing |
| (72) CHEN, Yijia | (73) Illumio, Inc. | CALLISON, Wade Michael |
| OUYANG, Ji | (72) KIRNER, Paul J. | SIDDIQUI, Fahim |
| JIANG, Peijun | COOK, Daniel R. | CROWELL, Talbott |
| (74) ir. W.J.J.M. Kempes | FANDLI, Juraj G. | (74) ir. C.M. Jansen c.s. |
| (47) 21.02.2018 | GLENN, Matthew K. | (31) 201261715989 P |
| (51) G06F 13/14 | GUPTA, Mukesh | 201261734890 P |
| G06F 9/38 | RUBIN, Andrew S. | 201361783868 P |
| G05B 19/05 | SCOTT, Jerry B. | (32) 19.10.2012 |
| G05B 19/414 | CHANG, Sehyo | 07.12.2012 |
| (11) EP2859458 | STOKOL, Alan B. | 14.03.2013 |
| (21) EP13800322.3 | (74) ir. M.F.J.M. Ketelaars c.s. | (33) United States of America |
| (22) 13.05.2013 | (31) 201361810480 P | United States of America |
| (54) PROCESS CONTROLLER HAVING MULTI-CHANNEL SERIAL COMMUNICATIONS LINK | 201361899468 P | United States of America |
| (73) Honeywell International Inc. | (32) 10.04.2013 | (47) 14.02.2018 |
| (72) CARNEY, Michael D. | 04.11.2013 | (51) G06F 21/00 |
| CROWE, Francis J. | (33) United States of America | G06F 21/62 |
| (74) ir. W.J.J.M. Kempes | United States of America | G06F 21/88 |
| (31) 201261656368 P | (47) 07.03.2018 | H04W 12/08 |
| 201213569309 | (51) G06F 17/30 | (11) EP2776963 |
| (32) 06.06.2012 | (11) EP2356584 | (21) EP11875454.8 |
| 08.08.2012 | (21) EP08876373.5 | (22) 10.11.2011 |
| (33) United States of America | (22) 09.12.2008 | (54) APPARATUS, SYSTEM, AND METHOD FOR PROTECTING ELECTRONIC DEVICES IN A VIRTUAL PERIMETER |
| United States of America | (54) METHOD OF GENERATING A GEODETIC REFERENCE DATABASE PRODUCT | (73) Intel Corporation |
| (47) 14.03.2018 | (73) Tomtom North America, Inc. | (72) BULLOKLES, Cristian F. |
| (51) G06F 13/16 | Tomtom Polska SP.Z.O.O. | HIRSCH, Dan F. |
| G06F 12/08 | (72) MIKSA, Krzysztof | (74) ir. W.J.J.M. Kempes |
| (11) EP2901293 | HAGAN, James | (47) 14.02.2018 |
| (21) EP13840320.9 | CLARK, Jay | (51) G06F 21/62 |
| (22) 14.06.2013 | (74) J.M.H. Duyver lic. | H04L 9/08 |
| (54) INTELLIGENT FAR MEMORY BANDWIDTH SCALING | (47) 11.04.2018 | (11) EP2472426 |
| (73) Intel Corporation | (51) G06F 21/00 | (21) EP12001128.3 |
| (72) FEEKES, Dannie G. | G06F 15/16 | (22) 26.08.2009 |
| (74) ir. W.J.J.M. Kempes | G06F 17/00 | (54) Accelerated cryptography with an encryption attribute |
| (31) 201213631938 | G06F 21/62 | (73) Intel Corporation |
| (32) 29.09.2012 | G06F 21/41 | (72) Chew, Yen, Hsiang |
| (33) United States of America | G06Q 10/10 | (74) ir. W.J.J.M. Kempes |
| (47) 21.02.2018 | H04L 29/06 | (31) 204658 |
| (51) G06F 15/16 | (11) EP2909770 | (32) 04.09.2008 |
| H04L 29/06 | (21) EP13847778.1 | (33) United States of America |
| H04L 29/08 | (22) 18.10.2013 | (47) 21.02.2018 |
| (11) EP1716495 | (54) COMPUTERIZED METHOD AND SYSTEM FOR MANAGING NETWORKED SECURE | (51) G06F 21/85 |
| (21) EP04778923.5 | | H04L 12/713 |
| (22) 22.07.2004 | | G06F 21/53 |
| | | H04L 29/06 |
| | | (11) EP2889803 |
| | | (21) EP14200267.4 |

| | | |
|--|--|------------------------------------|
| (22) 24.12.2014 | (31) 10306308 | (74) J.M.H. Duyver lic. |
| (54) PARTITIONING SAFETY DEVICE | (32) 29.11.2010 | (31) 201210500711 |
| BETWEEN FIRST AND SECOND FIELDS, | (33) European Patent Office (EPO) | (32) 29.11.2012 |
| COMPRISING A DRIVER COMPONENT | (47) 11.04.2018 | (33) China |
| (73) Thales | (51) G07F 9/02 | (47) 11.04.2018 |
| (72) Lacroix, Jean-Marc | G07F 11/00 | (51) G10L 25/78 |
| Curo, Franck | G07F 9/00 | G10L 25/93 |
| Ragot, Dominique | G06Q 10/08 | (11) EP2656341 |
| Thierry, Philippe | (11) EP2737459 | (21) EP10861113.8 |
| Germain, Fabien | (21) EP12818353.0 | (22) 24.12.2010 |
| (74) ir. P.J. Hylarides c.s. | (22) 26.07.2012 | (54) APPARATUS FOR PERFORMING A |
| (31) 1303074 | (54) METHOD FOR AUTOMATED | VOICE ACTIVITY DETECTION |
| 1303075 | PLANOGRAM PROGRAMMING IN A | (73) Huawei Technologies Co., Ltd. |
| (32) 24.12.2013 | VENDING MACHINE | (72) WANG, Zhe |
| 24.12.2013 | (73) Crane Merchandising Systems, Inc. | (74) ir. W.J.J.M. Kempes |
| (33) France | (72) CANTER, James M. | (47) 21.02.2018 |
| France | ROYAL, JR., William C. | (51) G21F 9/00 |
| (47) 21.02.2018 | PARTYSHEV, Victor | B09B 3/00 |
| (51) G06K 9/00 | DOOM, Troy | A61Q 5/02 |
| G06T 7/20 | GODWIN, Bryan W. | B08B 3/08 |
| G06F 3/00 | (74) J.M.H. Duyver lic. | B08B 3/12 |
| A61B 3/113 | (31) 201161511881 P | C11D 1/28 |
| A61B 5/16 | (32) 26.07.2011 | C11D 3/04 |
| (11) EP2710515 | (33) United States of America | C11D 3/26 |
| (21) EP12789063.0 | (47) 11.04.2018 | C11D 3/32 |
| (22) 19.05.2012 | (51) G09B 23/28 | C11D 3/065 |
| (54) SYSTEMS AND METHODS FOR | (11) EP2559020 | C11D 3/22 |
| MEASURING REACTIONS OF HEAD, | (21) EP11763188.7 | (11) EP2973604 |
| EYES, EYELIDS AND PUPILS | (22) 24.01.2011 | (21) EP14779248.5 |
| (73) Google LLC | (54) HEART COMPRESSION SIMULATION | (22) 25.02.2014 |
| (72) PUBLICOVER, Nelson, G. | DEVICE | (54) METHODS OF DECONTAMINATING |
| TORCH, William, C. | (73) HEART COMPRESSION | SURFACES AND RELATED |
| (74) ir. H.J.G. Lips c.s. | RESUSCITATION, LLC | COMPOSITIONS |
| (31) 201113113006 | (72) MAY, Daniel, C. | (73) Battelle Energy Alliance, Llc |
| (32) 20.05.2011 | BRAMLETT, Larry | Crosby, Daniel |
| (33) United States of America | (74) ir. M.F.J.M. Ketelaars c.s. | Norton, Christopher J. |
| (47) 11.04.2018 | (31) 753539 | (72) CROSBY, Daniel |
| (51) G06T 7/521 | (32) 02.04.2010 | NORTON, Christopher J. |
| (11) EP3005294 | (33) United States of America | DEMMER, Ricky, L. |
| (21) EP14733846.1 | (47) 28.02.2018 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (22) 28.05.2014 | (51) G09G 3/3233 | (31) 201313801493 |
| (54) ABSOLUTE PHASE MEASUREMENT | G09G 3/20 | (32) 13.03.2013 |
| WITH SECONDARY PATTERN- | G09G 5/10 | (33) United States of America |
| EMBEDDED FRINGE | G09G 3/3275 | (47) 07.03.2018 |
| (73) Microsoft Technology Licensing, LLC | G09G 5/39 | (51) H01B 5/14 |
| (72) XIONG, Zhiwei | (11) EP2422339 | C09C 1/62 |
| WU, Feng | (21) EP10767754.4 | C09D 11/03 |
| ZHANG, Yueyi | (22) 22.04.2010 | C09D 11/52 |
| (74) J.M.H. Duyver lic. | (54) DISPLAY DEVICE | H01B 1/20 |
| (31) 201313907426 | (73) Global OLED Technology LLC | H01L 21/288 |
| (32) 31.05.2013 | (72) MIZUKOSHI, Seiichi | H01L 29/786 |
| (33) United States of America | KOHNO, Makoto | H05K 1/09 |
| (47) 21.03.2018 | ONOMURA, Kouichi | H05K 3/12 |
| (51) G06T 11/00 | (74) J.M.H. Duyver lic. | C09D 11/037 |
| G06T 7/40 | (31) 2009104614 | H01B 1/22 |
| (11) EP2646984 | (32) 23.04.2009 | H01L 29/45 |
| (21) EP11784461.3 | (33) Japan | H01L 29/49 |
| (22) 10.11.2011 | (47) 11.04.2018 | (11) EP3026677 |
| (54) METHOD AND DEVICE FOR | (51) G09G 3/36 | (21) EP14829560.3 |
| RECONSTRUCTING A SELF-SIMILAR | G11C 19/28 | (22) 22.07.2014 |
| TEXTURED REGION OF AN IMAGE | (11) EP2738758 | (54) COPPER AND/OR COPPER OXIDE |
| (73) Thomson Licensing | (21) EP13194861.4 | DISPERSION, AND METHOD FOR |
| (72) RACAPE, Fabien | (22) 28.11.2013 | ELECTROCONDUCTIVE FILM USING |
| VIERON, Jérôme | (54) Gate driving apparatus and display device | DISPERSION |
| LEFORT, Simon | (73) BOE Technology Group Co., Ltd. | (73) Asahi Kasei Kabushiki Kaisha |
| DEFORGES, Olivier | Hefei BOE Optoelectronics Technology Co., | OGAWA, Shimpei |
| BABEL, Marie | Ltd. | OHNO, Eiichi |
| (74) ir. M.F.J.M. Ketelaars c.s. | (72) Liu, Jinliang | TSURUTA, Masanori |

| | | |
|--|--|---|
| (74) J.M.H. Duyver lic. (31) 2013152799 (32) 23.07.2013 (33) Japan (47) 11.04.2018 | H01J 37/06 (11) EP3024012 (21) EP14826750.3 (22) 12.06.2014 (54) ACTIVATION CHAMBER AND KIT USED IN TREATMENT DEVICE FOR LOWERING ELECTRON AFFINITY, TREATMENT DEVICE THAT CONTAINS SAID KIT AND IS USED TO LOWER ELECTRONIC AFFINITY, PHOTOCATHODE ELECTRON-BEAM SOURCE, ELECTRON GUN CONTAINING PHOTOCATHODE ELECTRON-BEAM SOURCE, FREE-ELECTRON LASER ACCELERATOR, TRANSMISSION ELECTRON MICROSCOPE, SCANNING ELECTRON MICROSCOPE, ELECTRON-BEAM HOLOGRAPHY MICROSCOPE, ELECTRON-BEAM LITHOGRAPHY DEVICE, ELECTRON-BEAM DIFFRACTION DEVICE, AND ELECTRON-BEAM SCANNING DEVICE | (51) H01L 33/50 (11) EP2323185 (21) EP10177748.0 (22) 20.09.2010 (54) Light emitting device and method for manufacturing the same (73) LG Innotek Co., Ltd. (72) Jang, Kee Youn (74) J.M.H. Duyver lic. (31) 20090109369 (32) 12.11.2009 (33) Korea (Republic) (47) 14.02.2018 |
| (51) H01G 11/86 H01G 11/38 (11) EP2963664 (21) EP14756522.0 (22) 19.02.2014 (54) METHOD FOR PRODUCING ACTIVATED CARBON SHEET AND METHOD FOR IMPROVING IMPREGNATION OF ACTIVATED CARBON SHEET WITH ELECTROLYTE SOLUTION (73) Nippon Valqua Industries, Ltd. (72) NITAO, Akimasa (74) J.M.H. Duyver lic. (31) 2013035848 (32) 26.02.2013 (33) Japan (47) 11.04.2018 | (54) METHOD FOR PRODUCING ACTIVATED CARBON SHEET AND METHOD FOR IMPROVING IMPREGNATION OF ACTIVATED CARBON SHEET WITH ELECTROLYTE SOLUTION (73) National University Corporation Nagoya University (72) NISHITANI Tomohiro (74) J.M.H. Duyver lic. (31) 2013147682 (32) 16.07.2013 (33) Japan (47) 14.02.2018 | (51) H01L 35/34 C01B 19/00 B28D 5/00 C30B 15/10 C30B 15/14 C30B 29/46 (11) EP3016155 (21) EP14816818.0 (22) 26.05.2014 (54) N-TYPE SEMICONDUCTOR ELEMENT FOR REFRIGERATION OR HEATING DEVICE (73) Chen, Zhiming Gu, Wei Suzhou Weiyuan New Material Technology Co. Ltd. (72) CHEN, Zhiming GU, Wei (74) ir. M.F.J.M. Ketelaars c.s. (31) 201310257878 (32) 25.06.2013 (33) China (47) 07.03.2018 |
| (51) H01H 37/54 H01H 71/16 H01H 73/30 H01H 71/08 (11) EP2779196 (21) EP14002033.0 (22) 01.08.2009 (54) Miniature circuit breaker (73) Ellenberger & Poensgen GmbH (72) Ullermann, Wolfgang (74) ir. P.J. Hylarides c.s. (31) 102008049507 (32) 29.09.2008 (33) Germany (47) 14.02.2018 | (51) H01L 33/00 H01L 25/075 H01L 27/15 (11) EP1160883 (21) EP01113205.7 (22) 30.05.2001 (54) LED lamp (73) Panasonic Intellectual Property Management Co., Ltd. (72) Shimizu, Masanori Shimomura, Yoko Tamura, Tetsushi Nagai, Hideo Matsui, Nobuyuki (74) drs. ir. M. Smit (31) 2000161771 (32) 31.05.2000 (33) Japan (47) 07.02.2018 | (51) H01M 2/10 (11) EP2036146 (21) EP07755955.7 (22) 24.04.2007 (54) ELIMINATING INCORRECT BATTERY INSTALLATION (73) Microsoft Technology Licensing, LLC (72) LARSEN, Glen, C. (74) ir. M.F.J.M. Ketelaars c.s. (31) 439562 (32) 23.05.2006 (33) United States of America (47) 14.03.2018 |
| (51) H01J 37/04 H01J 37/22 H01J 37/317 (11) EP2633545 (21) EP11779141.8 (22) 26.10.2011 (54) MODULATION DEVICE AND CHARGED PARTICLE MULTI-BEAMLET LITHOGRAPHY SYSTEM USING THE SAME (73) Mapper Lithography IP B.V. (72) WIELAND, Marco Jan-Jaco VAN DE PEUT, Teunis VAN VEEN, Alexander Hendrik Vincent JAGER, Remco STEENBRINK, Stijn Willem Herman Karel (74) ir. J.H. Lunshof (31) 201161479263 P 201161477228 P 406675 P (32) 26.04.2011 20.04.2011 26.10.2010 (33) United States of America United States of America United States of America (47) 24.01.2018 | (51) H01L 33/38 H01L 33/44 H01L 33/36 H01L 33/00 (11) EP2254168 (21) EP10163208.1 (22) 19.05.2010 (54) Light emitting device and light emitting device package having the same (73) LG Innotek Co., Ltd. (72) Lim, Woo Sik Choo, Sung Ho Choi, Byeong Kyun (74) J.M.H. Duyver lic. (31) 20090044290 (32) 21.05.2009 (33) Korea (Republic) (47) 14.02.2018 | (51) H01M 10/04 H01M 4/62 G02C 7/04 G02C 11/00 H01M 4/50 H01M 4/02 B29D 11/00 G02C 7/08 (11) EP2996187 (21) EP15181874.7 (22) 20.08.2015 (54) CATHODE MIXTURE FOR USE IN A BIOCOMPATIBLE BATTERY (73) Johnson & Johnson Vision Care Inc. (72) FLITSCH, Frederick A. OTTS, Daniel B. PUGH, Randall B. RIALL, James Daniel TONER, Adam |

- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462040178 P
201514746204
- (32) 21.08.2014
22.06.2015
- (33) United States of America
United States of America
(47) 14.03.2018
-
- (51) H01R 4/00
H05K 1/02
H01R 13/6469
H01R 13/6463
H01R 4/24
H01R 12/51
H01R 13/66
H01R 24/64
- (11) EP2137794
(21) EP08742385.1
(22) 28.03.2008
- (54) MODULAR CONNECTOR WITH
REDUCED TERMINATION
VARIABILITY AND IMPROVED
PERFORMANCE
- (73) THE SIEMON COMPANY
(72) SIEMON, John, A.
MEDEIROS, David
FREY, James
YIP, Maxwell, K.
CELELLA, Brian
ACUNA, Chris
PARDEE, Marc
FAVALE, Joseph
VEATCH, Anthony
BELOW, Randy J.
- (74) ir. J.M.G. Dohmen c.s.
(31) 920772 P
(32) 29.03.2007
(33) United States of America
(47) 07.03.2018
-
- (51) H02B 1/20
H01R 9/26
H01R 31/08
- (11) EP1881574
(21) EP07354032.0
(22) 04.06.2007
- (54) Device for distributing the electric power
supply for a row of modular devices in an
electric board
- (73) Schneider Electric Industries SAS
(72) Lebeau, Bernard, Schneider Electric
Industries SAS
Diconne, Robert, Schneider Electric
Industries SAS
Suptitz, Eric, Schneider Electric Industries
SAS
Vernay, Marc, Schneider Electric Industries
SAS
- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 0606602
(32) 20.07.2006
(33) France
(47) 07.03.2018
-
- (51) H02G 3/04
(11) EP3123578
(21) EP14715240.9
(22) 27.03.2014
- (54) HYBRID CABLE TRAY AND
MANUFACTURING METHOD OF THE
SAME
- (73) Schneider Electric Industries SAS
(72) ÖJERSTAV, Jan
WESGARDH, Rolf
- (74) ir. M.F.J.M. Ketelaars c.s.
(47) 14.03.2018
-
- (51) H02G 5/00
(11) EP3127202
(21) EP15719465.5
(22) 27.04.2015
- (54) DEVICE FOR CONDUCTING
ELECTRICAL DIRECT CURRENT
- (73) Siemens Aktiengesellschaft
(72) TORGERSEN, Haakon
(31) 14170388
(32) 28.05.2014
(33) European Patent Office (EPO)
(47) 28.02.2018
-
- (51) H02J 3/38
F03D 9/00
(11) EP1993184
(21) EP07009644.1
(22) 14.05.2007
- (54) Method of start up at least a part of a wind
power plant, wind power plant and use of the
wind power plant
- (73) Siemens Aktiengesellschaft
(72) Nielsen, Kaj Skov
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 14.03.2018
-
- (51) H02K 21/22
H02K 21/24
H02K 21/26
H02K 41/03
H02K 16/00
H02K 29/08
- (11) EP2988401
(21) EP15182255.8
(22) 13.04.2010
- (54) STRUCTURE FOR LINEAR AND
ROTARY ELECTRIC MACHINES
- (73) Korea Electrotechnology Research Institute
(72) CHUNG, Shi Uk
KANG, Do Hyun
WOO, Byung Chul
KIM, Ji Won
LEE, Ji Young
MOON, Seung Ryul
- (74) ir. H.J.G. Lips c.s.
(31) 20090031785
(32) 13.04.2009
(33) Korea (Republic)
(47) 21.02.2018
-
- (51) H02M 3/07
(11) EP2469694
(21) EP11195496.2
(22) 23.12.2011
- (54) Charge pump circuit
- (73) Cirrus Logic International Semiconductor
Limited
- (72) Lesso, John Paul
Frith, Peter John
Pennock, John Laurence
- (74) ir. C.G.C. Veldman-Dijkers
(31) 201021801
(32) 23.12.2010
-
- (33) United Kingdom
(47) 14.02.2018
-
- (51) H02M 7/00
(11) EP2727232
(21) EP12740246.9
(22) 29.06.2012
- (54) PACKAGING OF POWER SUPPLY
USING MODULAR ELECTRONIC
MODULES
- (73) Siemens Aktiengesellschaft
(72) WISSNER, Kevin D.
NOVACK, Edward A.
- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161502593 P
201213535655
(32) 29.06.2011
28.06.2012
- (33) United States of America
United States of America
(47) 07.03.2018
-
- (51) H02N 15/00
H02K 41/03
(11) EP2950441
(21) EP14743517.6
(22) 22.01.2014
- (54) MAGNETIC ALIGNMENT SYSTEM AND
ALIGNMENT METHOD THEREFOR
- (73) Shanghai Micro Electronics Equipment
(Group) Co., Ltd.
(72) ZHANG, Lin
ZHANG, Xiaowen
GUO, Lin
CHEN, Jun
ZHANG, Zhigang
- (74) ir. P.J. Hylarides c.s.
(31) 201310030302
(32) 25.01.2013
(33) China
(47) 14.03.2018
-
- (51) H03F 1/56
H03F 3/45
(11) EP2327152
(21) EP09791629.0
(22) 18.08.2009
- (54) HIGH-LINEARITY LOW-NOISE
RECEIVER WITH LOAD SWITCHING
- (73) QUALCOMM Incorporated
(72) LIU, Li
GUDEM, Prasad, S.
- (74) ir. M.F.J.M. Ketelaars c.s.
(31) 193695
(32) 18.08.2008
(33) United States of America
(47) 28.03.2018
-
- (51) H03K 17/18
H03K 17/082
H02J 13/00
H03K 17/12
H03K 17/10
H03K 17/16
H03K 17/06
- (11) EP2795797
(21) EP12798348.4
(22) 19.11.2012
- (54) SEMICONDUCTOR SWITCHING DEVICE
CONTROLLERS
- (73) Maschinenfabrik Reinhausen GmbH
(72) SHELTON, Edward

| | | |
|--|--|---|
| SNOOK, Mark | (47) 14.03.2018 | (32) 20.01.2011 |
| (74) ir. H.J.G. Lips c.s. | (51) H04B 3/32 | (33) United States of America |
| (31) 201122288 | H04L 25/03 | (47) 07.03.2018 |
| (32) 23.12.2011 | H04L 27/26 | (51) H04B 7/06 |
| (33) United Kingdom | (11) EP2076972 | H04B 7/04 |
| (47) 07.02.2018 | (21) EP07852551.6 | (11) EP2793405 |
| (51) H03M 13/35 | (22) 05.10.2007 | (21) EP14169148.5 |
| H04L 27/38 | (54) INTERFERENCE CANCELLATION | (22) 04.12.2006 |
| H04L 1/00 | SYSTEM | (54) MULTIPLE INPUT, MULTIPLE OUTPUT |
| H04B 10/54 | (73) ASSIA SPE, LLC | WIRELESS COMMUNICATION SYSTEM, |
| H04B 10/2581 | (72) CIOFFI, John, M. | ASSOCIATED METHODS |
| H04B 10/516 | JAGANNATHAN, Sumanth | (73) Intel Corporation |
| H03M 13/15 | CHEN, Chiang-yu | (72) Lin, Xintian E |
| H03M 13/25 | (74) ir. H.J.G. Lips c.s. | Li, Qinghua |
| H04L 27/34 | (31) 849507 P | Holt, Keith |
| (11) EP3046276 | (32) 05.10.2006 | Blackham, Raymond |
| (21) EP15382005.5 | (33) United States of America | Ho, Minnie |
| (22) 14.01.2015 | (47) 28.03.2018 | (74) ir. W.J.J.M. Kempes |
| (54) Two-level coset coding scheme for gigabit | (51) H04B 3/50 | (31) 294823 |
| Ethernet over plastic optical fibre | H04L 12/10 | 313532 |
| (73) Knowledge Development for POF, S.L. | H04L 12/28 | (32) 05.12.2005 |
| (72) Perez De Aranda Alonso, Ruben | H04M 19/08 | 20.12.2005 |
| Ortiz, David | (11) EP2717487 | (33) United States of America |
| Prieto, Dunia | (21) EP13195677.3 | United States of America |
| (74) ir. M.F.J.M. Ketelaars c.s. | (22) 16.03.2007 | (47) 21.02.2018 |
| (47) 14.03.2018 | (54) Method and apparatus for providing electrical | (51) H04B 7/06 |
| (51) H04B 1/30 | power to a broadband digital subscriber line | H04B 7/26 |
| H04L 27/36 | access | H04L 5/00 |
| (11) EP2568616 | (73) Telefonaktiebolaget LM Ericsson (publ) | (11) EP3032758 |
| (21) EP11180147.8 | (72) Hansen, Jan | (21) EP15202852.8 |
| (22) 06.09.2011 | Knutsson, Hans | (22) 24.04.2008 |
| (54) Wireless communications device with | (74) ir. J.M.G. Dohmen c.s. | (54) ACK/NACK TRANSMISSION USING |
| impairment compensation and associated | (47) 07.02.2018 | HYRID CDM/FDM AND SFBC |
| methods | (51) H04B 7/005 | (73) Samsung Electronics Co., Ltd |
| (73) BlackBerry Limited | H04W 52/08 | (72) KHAN, Farooq |
| (72) Muhammad, Khurram | H04W 52/12 | PI, Zhouyue |
| (74) ir. F.E. Hoeben | H04W 52/14 | ZHANG, Jianzhong |
| (47) 07.02.2018 | H04W 52/16 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (51) H04B 3/32 | H04W 52/20 | (31) 924020 P |
| H04B 7/06 | H04W 52/24 | 924339 P |
| (11) EP2668729 | H04W 52/32 | 105176 |
| (21) EP12701634.3 | (11) EP2521281 | (32) 26.04.2007 |
| (22) 18.01.2012 | (21) EP12173208.5 | 09.05.2007 |
| (54) METHOD AND DEVICE FOR | (22) 22.08.2006 | 17.04.2008 |
| THE PRECOMPENSATION AND | (54) REVERSE LINK POWER CONTROL FOR | (33) United States of America |
| POSTCOMPENSATION OF CROSSTALK | AN OFDMA SYSTEM | United States of America |
| IN A DSL MIMO SYSTEM | (73) Qualcomm, Inc. | United States of America |
| (73) Alcatel Lucent | (72) Khandekar, Aamod | (47) 14.03.2018 |
| (72) NUZMAN, Carl, J. | (74) ir. M.F.J.M. Ketelaars c.s. | (51) H04B 7/06 |
| WHITING, Philip, A. | (31) 710404 P | H04W 16/32 |
| (74) dr. A. Krebs | 756816 P | H04W 52/24 |
| (31) 201113016376 | (32) 22.08.2005 | H04W 72/04 |
| (32) 28.01.2011 | 05.01.2006 | H04W 72/08 |
| (33) United States of America | (33) United States of America | (11) EP3114773 |
| (47) 14.03.2018 | United States of America | (21) EP14714421.6 |
| (51) H04B 3/32 | (47) 07.03.2018 | (22) 07.03.2014 |
| H04L 5/14 | (51) H04B 7/02 | (54) METHOD AND ARRANGEMENT |
| H04B 1/525 | H03M 7/30 | FOR INTER-CELL INTERFERENCE |
| H04B 1/04 | (11) EP2666243 | COORDINATION |
| (11) EP3170265 | (21) EP12703346.2 | (73) Telefonaktiebolaget LM Ericsson (publ) |
| (21) EP14747735.0 | (22) 20.01.2012 | (72) GÖRANSSON, Bo |
| (22) 14.07.2014 | (54) BACKHAUL SIGNAL COMPRESSION | ANDREASON, Tomas |
| (54) CANCELLING CROSSTALK | THROUGH SPATIAL-TEMPORAL | (74) ir. J.M.G. Dohmen c.s. |
| (73) Telefonaktiebolaget LM Ericsson (publ) | LINEAR PREDICTION | (47) 14.02.2018 |
| (72) HEINIKOSKI, Kauko | (73) Telefonaktiebolaget LM Ericsson (publ) | (51) H04B 10/25 |
| LEINONEN, Marko E. | (72) HUI, Dennis | (11) EP2672637 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (74) ir. M.F.J.M. Ketelaars c.s. | (21) EP12171346.5 |
| | (31) 201113010432 | (22) 08.06.2012 |

| | | |
|---|--|--|
| (54) Frame Structure for Adaptive Data Communications over a Plastic Optical Fibre | (73) QUALCOMM Incorporated | FREEMAN, Trevor |
| (73) Knowledge Development for POF, S.L. | (72) DAMNJANOVIC, Jelena, M. | (74) ir. M.F.J.M. Ketelaars c.s. |
| (72) Pérez de Aranda Alonso, Rubén | MONTOJO, Juan | (31) 731798 P |
| Reviriego Vasallo, Pedro | SARKAR, Sandip | 335487 |
| Prieto Francia, Dunia | GAAL, Peter | (32) 31.10.2005 |
| Ortiz Rojo, David | KHANDEKAR, Aamod D. | 19.01.2006 |
| (74) ir. M.F.J.M. Ketelaars c.s. | FARAJIDANA, Amir | (33) United States of America |
| (47) 14.03.2018 | (74) ir. M.F.J.M. Ketelaars c.s. | United States of America |
| (51) H04L 1/00 | (31) 88319 P | (47) 07.03.2018 |
| (11) EP3047586 | 536733 | (51) H04L 12/26 |
| (21) EP13893803.0 | 112029 P | G06F 9/445 |
| (22) 20.09.2013 | 113443 P | (11) EP2806358 |
| (54) NETWORK NODE, USER EQUIPMENT AND METHODS FOR OBTAINING A MODULATION AND CODING SCHEME | 143146 P | (21) EP14169038.8 |
| (73) Telefonaktiebolaget LM Ericsson (publ) | (32) 12.08.2008 | (22) 20.05.2014 |
| (72) FRÖBERG OLSSON, Jonas | 06.08.2009 | (54) Electronic device for operating application |
| ERIKSSON, Erik | 06.11.2008 | (73) Samsung Electronics Co., Ltd |
| SIMONSSON, Arne | 11.11.2008 | (72) Ha, Suhying |
| (74) ir. H.V. Mertens c.s. | 07.01.2009 | Kim, Geonsoo |
| (47) 25.04.2018 | (33) United States of America | Hong, Seungpyo |
| (51) H04L 1/00 | United States of America | Yang, Huichul |
| H04B 7/0417 | United States of America | (74) ir. M.F.J.M. Ketelaars c.s. |
| H04B 7/06 | United States of America | (31) 20130056463 |
| H04L 1/20 | United States of America | (32) 20.05.2013 |
| H04L 1/06 | United States of America | (33) Korea (Republic) |
| H04L 27/26 | (47) 07.03.2018 | (47) 11.04.2018 |
| (11) EP1829262 | (51) H04L 5/00 | (51) H04L 12/26 |
| (21) EP05826650.3 | H04W 72/04 | H04L 12/853 |
| (22) 16.11.2005 | (11) EP2728961 | H04L 12/825 |
| (54) CLOSED-LOOP RATE CONTROL FOR A MIMO COMMUNICATION SYSTEM | (21) EP12821462.4 | H04L 12/841 |
| (73) QUALCOMM Incorporated | (22) 08.08.2012 | H04L 12/801 |
| (72) WALTON, Jay Rodney | (54) METHOD AND EQUIPMENT FOR DETECTING AND TRANSMITTING INFORMATION | (11) EP3175584 |
| Walton, Mark S., c/o QUALCOMM Incorporated | (73) Huawei Technologies Co., Ltd. | (21) EP15753528.7 |
| (74) ir. M.F.J.M. Ketelaars c.s. | (72) GUAN, Lei | (22) 29.07.2015 |
| (31) 628568 P | CHENG, Yan | (54) REDUCING DELAY IN VIDEO TELEPHONY |
| (32) 16.11.2004 | (74) ir. W.J.J.M. Kempes | (73) Qualcomm Incorporated |
| (33) United States of America | (31) 201110225994 | (72) VAN DER AUWERA, Geert |
| (47) 14.03.2018 | (32) 08.08.2011 | COBAN, Muhammed Zeyd |
| (51) H04L 1/16 | (33) China | KARCZEWICZ, Marta |
| (11) EP2396918 | (47) 21.02.2018 | LEUNG, Nikolai Konrad |
| (21) EP10704699.7 | (51) H04L 5/00 | (74) ir. M.F.J.M. Ketelaars c.s. |
| (22) 11.02.2010 | H04W 72/08 | (31) 201462030513 P |
| (54) METHOD AND APPARATUS FOR ACKNOWLEDGING SUCCESSFUL RECEPTION OF A DATA TRANSMISSION FOR MULTI-ACCESS COMPATIBILITY IN A WIRELESS COMMUNICATION SYSTEM | (11) EP2330845 | 201514811491 |
| (73) QUALCOMM Incorporated | (21) EP09814655.8 | (32) 29.07.2014 |
| (72) SRIDHARA, Vinay | (22) 18.09.2009 | 28.07.2015 |
| JONES, Vincent, Knowles, IV | (54) MOBILE TERMINAL DEVICE AND WIRELESS BASE STATION DEVICE | (33) United States of America |
| (74) ir. M.F.J.M. Ketelaars c.s. | (73) NTT DOCOMO, INC. | United States of America |
| (31) 152197 P | (72) KISHIYAMA, Yoshihisa | (47) 14.03.2018 |
| 535543 | TANNO, Motohiro | (51) H04L 12/28 |
| (32) 12.02.2009 | SAWAHASHI, Mamoru | H04L 12/66 |
| 04.08.2009 | (74) J.M.H. Duyver lic. | H04L 12/64 |
| (33) United States of America | (31) 2008242848 | H04L 29/06 |
| United States of America | (32) 22.09.2008 | (11) EP2936744 |
| (47) 11.04.2018 | (33) Japan | (21) EP13808044.5 |
| (51) H04L 5/00 | (47) 04.04.2018 | (22) 18.12.2013 |
| (11) EP2324593 | (51) H04L 9/32 | (54) APPARATUS ADAPTED FOR CONNECTING A HOME NETWORK WITH A SERVICE PROVIDER NETWORK |
| (21) EP09791434.5 | H04L 9/30 | (73) Thomson Licensing |
| (22) 12.08.2009 | G06F 15/16 | (72) MARTENS, Kristof |
| (54) MULTI-CARRIER GRANT DESIGN | H04L 12/58 | SCHOETERS, Jurgen |
| | (11) EP1913728 | PRAET, Paul |
| | (21) EP06815908.6 | (74) ir. M.F.J.M. Ketelaars c.s. |
| | (22) 03.10.2006 | (31) 12306638 |
| | (54) TOTAL EXCHANGE SESSION SECURITY | (32) 20.12.2012 |
| | (73) Microsoft Technology Licensing, LLC | (33) European Patent Office (EPO) |
| | (72) ZHANG, Hao | (47) 04.04.2018 |
| | NEELY, Samuel, J. | |

| | | |
|---|---|--|
| (51) H04L 12/58 | CONTROL PROTOCOL IN A WIRELESS | (22) 26.02.2015 |
| (11) EP3061215 | COMMUNICATION NETWORK | (54) METHOD, DEVICE AND SYSTEM FOR |
| (21) EP15729644.3 | (73) Telefonaktiebolaget LM Ericsson (publ) | WIRELESS HIGH SPEED DATA PICK UP |
| (22) 28.05.2015 | (72) FALCONETTI, Laetitia | (73) Deutsche Telekom AG |
| (54) CONDITIONAL DELIVERY OF | DUDDA, Torsten | (72) Kraus, Josef |
| ELECTRONIC MESSAGES | NAGEL, Sebastian | Grigat, Michael |
| (73) LinkedIn Corporation | (74) ir. H.V. Mertens c.s. | Kadel, Gerhard |
| (72) LEE, Alexandre J. | (47) 18.04.2018 | (74) J.M.H. Duyver lic. |
| YUAN, Lawrence | (51) H04L 29/08 | (47) 11.04.2018 |
| (74) ir. W.J.J.M. Kempes | (11) EP2179392 | (51) H04L 29/10 |
| (31) 201514596857 | (21) EP08793391.7 | H04L 29/06 |
| (32) 14.01.2015 | (22) 21.08.2008 | (11) EP2564578 |
| (33) United States of America | (54) SYSTEM AND METHOD FOR | (21) EP11775683.3 |
| (47) 04.04.2018 | CONTROLLING SIP-SPECIFIC EVENT | (22) 30.04.2011 |
| (51) H04L 27/26 | NOTIFICATION ACCORDING TO | (54) PORT TEAMING |
| H04L 1/00 | PREFERENCE OF SUBSCRIBER | (73) Intel Corporation |
| (11) EP1454466 | (73) Samsung Electronics Co., Ltd. | (72) JARED, Matthew A. |
| (21) EP02784534.6 | (72) OH, Jae-Kwon | CONNOR, Patrick |
| (22) 20.11.2002 | KIM, Wuk | (74) ir. W.J.J.M. Kempes |
| (54) RATE SELECTION FOR AN OFDM | (74) ir. M.F.J.M. Ketelaars c.s. | (31) 771638 |
| SYSTEM | (31) 20070083984 | (32) 30.04.2010 |
| (73) QUALCOMM INCORPORATED | 20080006876 | (33) United States of America |
| (72) KADOUS, Tamer | (32) 21.08.2007 | (47) 14.02.2018 |
| JALALI, Ahmad | 22.01.2008 | (51) H04M 1/02 |
| FERNANDEZ CORBATON, Ivan, Jesus | (33) Korea (Republic) | H04M 1/18 |
| (74) ir. M.F.J.M. Ketelaars c.s. | Korea (Republic) | H04B 1/3827 |
| (31) 991039 | (47) 21.02.2018 | (11) EP3054655 |
| 86838 | (51) H04L 29/08 | (21) EP16150482.4 |
| (32) 21.11.2001 | (11) EP2803178 | (22) 07.01.2016 |
| 28.02.2002 | (21) EP12702319.0 | (54) ELECTRONIC DEVICE INCLUDING |
| (33) United States of America | (22) 12.01.2012 | DISPLAY WITH BENT AREA |
| United States of America | (54) SYSTEMS AND METHODS FOR | (73) Samsung Electronics Co., Ltd. |
| (47) 28.02.2018 | SCALABLE AND RESILIENT LOAD | (72) MOON, Hee-Cheul |
| (51) H04L 27/26 | BALANCING | BAEK, Sang-In |
| H04L 5/00 | (73) Telefonaktiebolaget LM Ericsson (publ) | SON, Kwon-Ho |
| H04J 13/12 | (72) HAMMAM, Tarik | LEE, Min-Sung |
| H04J 13/18 | BESTE, Fredrick | CHOI, Bong-Suk |
| (11) EP2523413 | FRANZEN, Anders | KIM, Gyeong-Tae |
| (21) EP10841887.2 | (74) ir. J.M.G. Dohmen c.s. | SEO, Jae-II |
| (22) 08.01.2010 | (47) 11.04.2018 | CHU, Na-Young |
| (54) APPARATUS FOR GENERATING | (51) H04L 29/08 | KIM, Kyung-Pil |
| ORTHOGONAL MASK, AND | (11) EP2896185 | (74) ir. M.F.J.M. Ketelaars c.s. |
| APPARATUS AND METHOD FOR | (21) EP13770993.7 | (31) 201562113108 P |
| GENERATING DEMODULATION | (22) 09.09.2013 | 20150063939 |
| REFERENCE SIGNAL | (54) REDUCING NETWORK USAGE OF | (32) 06.02.2015 |
| (73) Fujitsu Limited | COMPUTING DEVICE | 07.05.2015 |
| (72) WANG, Yi | (73) Microsoft Technology Licensing, LLC | (33) United States of America |
| ZHANG, Yuantao | (72) AGARWAL, Sharad | Korea (Republic) |
| ZHOU, Hua | RIEDERER, Christopher | (47) 14.03.2018 |
| WU, Jianming | SIVALINGAM, Lenin Ravindranath | (51) H04M 1/23 |
| (74) ir. C.G.C. Veldman-Dijkers | PADHYE, Jitendra | (11) EP2579557 |
| (47) 04.04.2018 | (74) J.M.H. Duyver lic. | (21) EP12170596.6 |
| (51) H04L 29/06 | (31) 201213615603 | (22) 27.09.2011 |
| (11) EP2842284 | (32) 14.09.2012 | (54) System for securing a keypad to a housing |
| (21) EP12718645.0 | (33) United States of America | (73) BlackBerry Limited |
| (22) 27.04.2012 | (47) 07.03.2018 | (72) Steiner, Georg Robert Gustav |
| (54) DEVICE-RESIDENT MEDIA FILES | (51) H04L 29/08 | Syldatke, Ralf Dieter |
| (73) Telefonaktiebolaget LM Ericsson (publ) | H04W 4/00 | (74) ir. F.E. Hoeben |
| (72) NOLDUS, Rogier | H04L 29/06 | (47) 07.02.2018 |
| (74) ir. J.M.G. Dohmen c.s. | H04N 21/2343 | (51) H04M 1/725 |
| (47) 14.02.2018 | H04N 21/24 | (11) EP2302886 |
| (51) H04L 29/06 | H04N 21/258 | (21) EP10251637.4 |
| H04L 12/801 | H04N 21/262 | (22) 23.09.2010 |
| (11) EP3262804 | H04N 21/2662 | (54) Method and device for controlling use of |
| (21) EP15706021.1 | H04N 21/433 | context information of a user |
| (22) 23.02.2015 | H04N 21/6543 | (73) Intel Corporation |
| (54) SUPPORTING DELIVERY OF DATA | (11) EP3062482 | (72) Kohlenberg, Tobias M. |
| PACKETS USING TRANSMISSION | (21) EP15156790.6 | Aissi, Selim |

| | | |
|---|---|---|
| Morgan, Dennis M. | (32) 20.09.2010 | (11) EP2582150 |
| Ross, Alan D. | (33) Germany | (21) EP12006222.9 |
| Baca, Jim S. | (47) 28.03.2018 | (22) 03.09.2012 |
| (74) ir. W.J.J.M. Kempes | (51) H04N 5/445 | (54) Remote controller and control method for a multimedia device |
| (31) 567386 | H04N 5/44 | |
| (32) 25.09.2009 | H04N 5/00 | (73) LG Electronics Inc. |
| (33) United States of America | H04N 21/431 | (72) Park, Keunryang |
| (47) 21.02.2018 | H04N 21/443 | Lee, Dojoon |
| (51) H04N 5/225 | (11) EP2359591 | Choi, Kwangsoo |
| H04N 5/232 | (21) EP09837767.4 | Park, Sunghee |
| G02B 27/64 | (22) 03.11.2009 | (74) ir. F.A. Geurts c.s. |
| (11) EP2259571 | (54) ENHANCED PROGRAM METADATA ON CROSS-MEDIA BAR | (31) 20110103615 |
| (21) EP10164072.0 | (73) Saturn Licensing LLC | 201261583200 P |
| (22) 27.05.2010 | (72) YI, Hyehoon | 20120033873 |
| (54) Optical image stabilizer for camera lens module | (74) ir. M.F.J.M. Ketelaars c.s. | (32) 11.10.2011 |
| (73) Samsung Electronics Co., Ltd. | (31) 138913 P | 05.01.2012 |
| (72) Shin, Doo-Sik | 469485 | 02.04.2012 |
| Ro, Jong-Suk | (32) 18.12.2008 | (33) Korea (Republic) |
| (74) ir. M.F.J.M. Ketelaars c.s. | 20.05.2009 | United States of America |
| (31) 20090048842 | (33) United States of America | Korea (Republic) |
| (32) 03.06.2009 | United States of America | (47) 21.03.2018 |
| (33) Korea (Republic) | (47) 04.04.2018 | (51) H04S 7/00 |
| (47) 07.03.2018 | (51) H04N 5/77 | H04S 1/00 |
| (51) H04N 5/232 | H04N 5/82 | H04S 3/00 |
| (11) EP2661074 | H04N 5/225 | H04S 5/00 |
| (21) EP13166297.5 | G11B 27/30 | (11) EP2939443 |
| (22) 02.05.2013 | (11) EP2297940 | (21) EP13869491.4 |
| (54) Image processing apparatus and method | (21) EP09773670.6 | (22) 23.12.2013 |
| (73) Samsung Electronics Co., Ltd | (22) 24.06.2009 | (54) SYSTEM AND METHOD FOR VARIABLE CORRELATION OF AUDIO SIGNALS |
| (72) Lee, Yonggu | (54) METHOD TO CONTROL IMAGE PROCESSING APPARATUS, IMAGE PROCESSING APPARATUS, AND IMAGE FILE | (73) DTS, Inc. |
| (74) ir. M.F.J.M. Ketelaars c.s. | (73) Samsung Electronics Co., Ltd. | (72) STEIN, Edward |
| (31) 20120046617 | (72) HONG, Dong Ki | WALSH, Martin |
| (32) 03.05.2012 | (74) ir. M.F.J.M. Ketelaars c.s. | (74) ir. C.M. Jansen c.s. |
| (33) Korea (Republic) | (31) 20080063949 | (31) 201261746292 P |
| (47) 21.03.2018 | (32) 02.07.2008 | (32) 27.12.2012 |
| (51) H04N 5/232 | (33) Korea (Republic) | (33) United States of America |
| (11) EP2753063 | (47) 21.02.2018 | (47) 14.02.2018 |
| (21) EP13195213.7 | (32) 02.07.2008 | (51) H04W 4/00 |
| (22) 29.11.2013 | (33) Korea (Republic) | A24F 47/00 |
| (54) Digital photographing apparatus and method of controlling the same | (47) 21.02.2018 | A61M 11/04 |
| (73) Samsung Electronics Co., Ltd | (51) H04N 21/433 | (11) EP3000245 |
| (72) Won, Jong-hoon | H04N 21/434 | (21) EP14786269.2 |
| Endo, Yuki | H04N 21/4405 | (22) 20.05.2014 |
| Sugimoto, Kazuhiko | H04N 21/458 | (54) APPLICATION DEVELOPMENT FOR A NETWORK WITH AN ELECTRONIC CIGARETTE |
| (74) ir. M.F.J.M. Ketelaars c.s. | H04N 21/482 | (73) SIS Resources, Ltd. |
| (31) 20130000252 | H04N 5/775 | (72) JUSTER, Bernard |
| (32) 02.01.2013 | (11) EP2749020 | LEVITZ, Robert |
| (33) Korea (Republic) | (21) EP12825521.3 | LEVY, Dorron |
| (47) 07.03.2018 | (22) 23.08.2012 | (74) ir. C.M. Jansen c.s. |
| (51) H04N 5/272 | (54) RECORDING ADDITIONAL CHANNELS OF A SHARED MULTI-CHANNEL TRANSMITTER | (31) 201313898094 |
| H04N 9/75 | (73) Echostar Technologies L.L.C. | (32) 20.05.2013 |
| H04N 5/222 | (72) MARTCH, Henry Gregg | (33) United States of America |
| (11) EP2619975 | (74) ir. F.A. Geurts c.s. | (47) 28.02.2018 |
| (21) EP11746179.8 | (31) 201161526382 P | (51) H04W 4/00 |
| (22) 16.08.2011 | 201113286157 | G06F 9/445 |
| (54) METHOD FOR DIFFERENTIATING BACKGROUND AND FOREGROUND OF A SETTING AND METHOD FOR REPLACING A BACKGROUND IN IMAGES OF A SETTING | (32) 23.08.2011 | (11) EP2156317 |
| (73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung | 31.10.2011 | (21) EP08766018.9 |
| (72) VONOLFEN, Wolfgang | (33) United States of America | (22) 30.05.2008 |
| WOLLSIEFEN, Rainer | United States of America | (54) METHOD AND SYSTEM FOR ALLOCATING ID OF SOFTWARE COMPONENT |
| (74) ir. H.J.G. Lips c.s. | (47) 21.02.2018 | (73) Samsung Electronics Co., Ltd. |
| (31) 102010046025 | (51) H04N 21/472 | (72) KEUM, Ji-Eun |
| | H04N 21/41 | JUN, Hae-Young |
| | H04N 21/485 | KIM, Wuk |
| | H04N 21/81 | |
| | H04N 21/422 | |

| | | |
|---|--|---|
| (74) ir. M.F.J.M. Ketelaars c.s. (31) 20070053670 20070083087 (32) 01.06.2007 18.08.2007 (33) Korea (Republic) Korea (Republic) (47) 28.02.2018 | (54) A METHOD AND APPARATUS FOR A SUBSCRIBER DATABASE (73) Nokia Solutions and Networks Oy (72) BLAND, Jonathan (74) ir. M.F.J.M. Ketelaars c.s. (47) 14.02.2018 | HE, Hong PINHEIRO, Ana Lucia (74) ir. W.J.J.M. Kempes (31) 201361752386 P (32) 14.01.2013 (33) United States of America (47) 21.02.2018 |
| (51) H04W 4/00 H04W 28/06 H04W 48/12 H04W 84/18 (11) EP2756642 (21) EP12846541.6 (22) 12.09.2012 (54) LOW ENERGY BEACON ENCODING (73) Microsoft Technology Licensing, LLC (72) LYON, James M. TEEGAN, Hugh A. KUEHNEL, Thomas SONI, Vishal (74) J.M.H. Duyver lic. (31) 201113230667 (32) 12.09.2011 (33) United States of America (47) 07.03.2018 | (51) H04W 16/14 H04W 88/06 H04W 92/18 (11) EP3076698 (21) EP16171179.1 (22) 08.11.2007 (54) PREVENTING SELF-INDUCED INTERFERENCE IN DUAL-RADIO DEVICE (73) Guangdong OPPO Mobile Telecommunications Corp., Ltd. (72) YANG, Xue GUO, Xingang ZHU, Jing LIU, Hsin-yuo (74) dr. A. Krebs (31) 638008 (32) 12.12.2006 (33) United States of America (47) 18.04.2018 | (51) H04W 28/08 (11) EP3005785 (21) EP14807726.6 (22) 04.06.2014 (54) TRAFFIC SPLITTING BASED ON LATENCY BETWEEN CELLS (73) Intel Corporation (72) JHA, Satish Chandra GUPTA, Maruti KOC, Ali T. VANNITHAMBY, Rath (74) ir. W.J.J.M. Kempes (31) 201361832644 P 201314137243 (32) 07.06.2013 20.12.2013 (33) United States of America United States of America (47) 21.02.2018 |
| (51) H04W 4/00 H04W 52/36 H04W 52/32 H04L 27/26 H04W 52/38 H04W 56/00 (11) EP3120626 (21) EP15717675.1 (22) 13.03.2015 (54) POWER CONTROL OF DEVICE-TO- DEVICE SYNCHRONIZATION SIGNAL (73) Telefonaktiebolaget LM Ericsson (publ) (72) ZHAO, Zhenshan SORRENTINO, Stefano (74) ir. J.M.G. Dohmen c.s. (31) 201461954664 P (32) 18.03.2014 (33) United States of America (47) 14.02.2018 | (51) H04W 24/00 G01S 5/02 G01S 5/10 G01S 5/14 H04W 64/00 (11) EP2727392 (21) EP11868520.5 (22) 01.08.2011 (54) DISTRIBUTED POSITIONING MECHANISM FOR WIRELESS COMMUNICATION DEVICES (73) Qualcomm Incorporated (72) CURTICAPEAN, Florean (74) ir. M.F.J.M. Ketelaars c.s. (31) 201113170353 (32) 28.06.2011 (33) United States of America (47) 14.03.2018 | (51) H04W 28/10 H04W 48/18 H04W 4/00 H04W 68/00 H04W 28/02 H04W 48/16 H04W 84/12 H04W 80/04 (11) EP2975879 (21) EP14882796.7 (22) 30.12.2014 (54) METHOD AND DEVICE FOR TRAFFIC CONTROL (73) Huawei Technologies Co. Ltd. (72) WANG, Yahui SHU, Guiming GAO, Wenmei (74) ir. W.J.J.M. Kempes (31) PCT/CN2014/078431 (32) 26.05.2014 (33) World Intellectual Property Office (WIPO) (47) 21.02.2018 |
| (51) H04W 4/80 H04Q 9/00 H04B 7/24 H04L 29/08 G08C 17/02 (11) EP2777293 (21) EP12848644.6 (22) 02.11.2012 (54) RECONFIGURING REMOTE CONTROLS FOR DIFFERENT DEVICES IN A NETWORK (73) EchoStar Technologies L.L.C. (72) MARTCH, Henry, Gregg, (74) dr. A. Krebs (31) 201113292028 (32) 08.11.2011 (33) United States of America (47) 18.04.2018 | (51) H04W 24/02 H04W 88/08 (11) EP3195644 (21) EP14784406.2 (22) 17.09.2014 (54) VIRTUALIZATION SYSTEM (73) Telefonaktiebolaget LM Ericsson (publ) (72) BOTTARI, Giulio PONZINI, Filippo IOVANNA, Paola (74) ir. H.V. Mertens c.s. (47) 18.04.2018 | (51) H04W 28/16 H04L 29/06 H04L 12/851 H04L 12/26 H04W 28/24 H04L 29/12 H04W 80/04 H04W 8/26 (11) EP2630821 (21) EP10773611.8 (22) 22.10.2010 (54) ADAPTATION OF QUALITY OF SERVICE IN HANDLING NETWORK TRAFFIC (73) Telefonaktiebolaget LM Ericsson (publ) (72) LUDWIG, Reiner BOBERG, Christer DAMOLA, Ayodele WILLARS, Per (74) ir. M.F.J.M. Ketelaars c.s. |
| (51) H04W 8/18 (11) EP2304980 (21) EP08775059.2 (22) 14.07.2008 | (51) H04W 28/02 H04W 24/02 H04W 52/24 (11) EP2944135 (21) EP13870587.6 (22) 27.09.2013 (54) A METHOD AND APPARATUS FOR THE MANAGEMENT OF CELL INTERFERENCE IN A WIRELESS COMMUNICATION NETWORK (73) Intel IP Corporation (72) CHOU, Joey | |

- (47) 07.03.2018
 (51) H04W 52/02
 (11) EP3141046
 (21) EP15724428.6
 (22) 05.05.2015
 (54) MAXIMUM AWAY DURATION
 (73) Qualcomm Incorporated
 (72) JAFARIAN, Amin
 ASTERJADHI, Alfred
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 201461988867 P
 201514703849
 (32) 05.05.2014
 04.05.2015
 (33) United States of America
 United States of America
 (47) 07.03.2018
 (51) H04W 52/02
 H04W 72/04
 (11) EP2127450
 (21) EP07841962.9
 (22) 06.09.2007
 (54) NETWORK CONTROL OF UPLINK
 TRANSMIT TIMING FOR COMPRESSED
 MODE
 (73) Sony Mobile Communications Inc.
 (72) CAMP, William
 ROGERS, Terrence Edward
 FINDIKLI, Nadi Sakir
 (74) ir. C.M. Jansen c.s.
 (31) 614488
 615326
 669542
 (32) 21.12.2006
 22.12.2006
 31.01.2007
 (33) United States of America
 United States of America
 United States of America
 (47) 07.02.2018
 (51) H04W 64/00
 H04W 4/02
 (11) EP2520126
 (21) EP10803513.0
 (22) 29.11.2010
 (54) METHOD AND APPARATUS FOR
 POSITION DETERMINATION IN A
 CELLULAR COMMUNICATIONS
 SYSTEM
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) WIGREN, Torbjörn
 KANGAS, Ari
 (74) ir. H.V. Mertens c.s.
 (31) 881611
 291101 P
 (32) 14.09.2010
 30.12.2009
 (33) United States of America
 United States of America
 (47) 25.04.2018
 (51) H04W 72/04
 H04W 36/16
 H04W 92/20
 H04W 88/06
 H04W 36/00
 H04W 84/04
 (11) EP3100585
 (21) EP15743832.6
- (22) 29.01.2015
 (54) METHODS AND NETWORK NODES
 FOR ENHANCED RADIO RESOURCE
 DEPLOYMENT
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) MESTANOV, Filip
 HEDBERG, Tomas
 TEYEB, Oumer
 VIKBERG, Jari
 (74) ir. H.V. Mertens c.s.
 (31) 201461934169 P
 (32) 31.01.2014
 (33) United States of America
 (47) 18.04.2018
 (51) H04W 72/04
 H04W 74/08
 (11) EP3005806
 (21) EP13732270.7
 (22) 05.06.2013
 (54) TELECOMMUNICATIONS APPARATUS
 AND METHOD RELATING TO A
 RANDOM ACCESS PROCEDURE
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) TIRRONEN, Tuomas
 LU, Qianxi
 FAN, Rui
 LARMO, Anna
 (74) ir. H.V. Mertens c.s.
 (47) 18.04.2018
 (51) H04W 72/12
 H04B 1/707
 H04B 1/7115
 H04W 28/08
 H04L 12/26
 H04L 12/24
 (11) EP2641442
 (21) EP11842346.6
 (22) 23.08.2011
 (54) LOAD SCHEDULING IN WIDEBAND
 CODE DIVISION MULTIPLE ACCESS
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) RINGSTRÖM, Markus
 WIGREN, Karl Torbjörn
 (74) ir. C.M. Jansen c.s.
 (31) 414666 P
 (32) 17.11.2010
 (33) United States of America
 (47) 28.02.2018
 (51) H04W 74/00
 H04W 74/08
 (11) EP2540130
 (21) EP10707987.3
 (22) 22.02.2010
 (54) METHODS AND ARRANGEMENTS
 FOR CONTENTION-BASED UPLINK
 TRANSMISSION IN A WIRELESS
 COMMUNICATIONS SYSTEM
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) WIBERG, Niclas
 WALLENTIN, Pontus
 ERIKSSON, Erik
 ENGLUND, Eva
 (74) ir. H.V. Mertens c.s.
 (47) 25.04.2018
 (51) H04W 84/12
 (11) EP2995129
 (21) EP14794879.8
 (22) 20.01.2014
- (54) TRAFFIC STEERING FROM A FIRST
 ACCESS NETWORK TO A SECOND
 ACCESS NETWORK
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) BERGSTRÖM, Mattias
 GUERRA, Ruth
 LINDHEIMER, Christofer
 MESTANOV, Filip
 MYHRE, Elena
 PERSSON, Håkan
 STATIN, Magnus
 TEYEB, Oumer
 (74) ir. C.M. Jansen c.s.
 (31) 201361819949 P
 (32) 06.05.2013
 (33) United States of America
 (47) 07.03.2018
 (51) H04W 88/02
 (11) EP2033461
 (21) EP07794923.8
 (22) 16.05.2007
 (54) VIRTUALIZATION OF MOBILE DEVICE
 USER EXPERIENCE
 (73) Microsoft Technology Licensing, LLC
 (72) SPROULE, William D.
 FERNANDO, Antonio Winslow
 (74) ir. P.J. Hyalrides c.s.
 (31) 474303
 (32) 23.06.2006
 (33) United States of America
 (47) 07.03.2018
 (51) H04W 88/08
 H04W 24/02
 (11) EP2898753
 (21) EP12885052.6
 (22) 21.09.2012
 (54) NETWORK NODE AND METHOD
 PERFORMED BY A NETWORK NODE
 FOR CONTROLLING CONNECTIVITY
 OF A RADIO RESOURCE UNIT TO A
 BASE BAND UNIT
 (73) Telefonaktiebolaget LM Ericsson (publ)
 (72) LARAQUI, Kim
 GHEBRETENSAÉ, Zere
 ÖHLÉN, Peter
 (74) ir. J.M.G. Dohmen c.s.
 (47) 04.04.2018
 (51) H05B 6/06
 H05B 6/10
 H05B 6/14
 H05B 6/36
 (11) EP3148293
 (21) EP16188988.6
 (22) 15.09.2016
 (54) INDUCTIVE NOZZLE HEATING
 ASSEMBLY
 (73) Ultimaker B.V.
 (72) Elserman, Martijn
 Versteegh, Johan Andreas
 van der Zalm, Erik
 (74) ir. M.F.J.M. Ketelaars c.s.
 (31) 2015512
 (32) 28.09.2015
 (33) Netherlands
 (47) 07.03.2018
 (51) H05B 33/08
 G09G 3/34
 (11) EP1906710

- (21) EP07108327.3
(22) 16.05.2007
(54) LED-based optical system and method of compensating for aging thereof
(73) Samsung Electronics Co., Ltd.
(72) Abdulaev, Rustam
Choi, Hoon
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20060093439
(32) 26.09.2006
(33) Korea (Republic)
(47) 07.03.2018
-
- (51) H05B 37/02
H01J 61/00
(11) EP2412209
(21) EP10712534.6
(22) 15.03.2010
(54) LIGHT EMITTING DEVICE SYSTEM
COMPRISING A REMOTE CONTROL
SIGNAL RECEIVER AND DRIVER
(73) Philips Lighting Holding B.V.
(72) RADERMACHER, Harald, J., G.
(74) drs. O. Griebing
(31) 09155948
(32) 24.03.2009
(33) European Patent Office (EPO)
(47) 21.02.2018
-

EP4**Voor Nederland verleende gewijzigde Europese octrooien.
Contains data concerning European patents granted in amended form (B2 or B3 publications).**

- (51) C07D 239/84
A61K 31/517
A61P 31/22
- (11) EP1622880
- (21) EP04728119.1
- (22) 17.04.2004
- (54) SUBSTITUTED
DIHYDROCHINAZOLINES HAVING
ANTIVIRAL PROPERTIES
- (73) AiCuris Anti-infective Cures GmbH
- (72) WUNBERG, Tobias
BAUMEISTER, Judith
BETZ, Ulrich
JESKE, Mario
LAMPE, Thomas
NIKOLIC, Susanne
REEFSCHLÄGER, Jürgen
SCHOHE-LOOP, Rudolf
SÜSSMEIER, Frank
ZIMMERMANN, Holger
GROSSER, Rolf
HENNINGER, Kerstin
HEWLETT, Guy
KELDENICH, Jörg
LANG, Dieter
NELL, Peter
- (31) 10319612
- (32) 02.05.2003
- (33) Germany
- (47) 28.02.2007
-
- (51) F21V 7/00
F21K 99/00
G03B 21/20
F21Y 101/02
F21Y 105/00
F21Y 113/00
- (11) EP2089656
- (21) EP07862228.9
- (22) 27.11.2007
- (54) Methods and apparatus for providing uniform
projection lighting
- (73) Philips Lighting North America Corporation
- (72) WILLIAMSON, Ryan C.
- (31) 867206 P
- (32) 27.11.2006
- (33) United States of America
- (47) 02.03.2011
-

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) A61M 1/00
(11) EP2600916
(21) EP11745663.2
(22) 05.08.2011
(54) SYSTEM FOR TREATING TISSUE OF A PATIENT USING A THERMOELECTRIC GENERATOR
(73) KCI Licensing Inc.
(72) LOCKE, Christopher, Brian
COULTHARD, Richard, Daniel John
(74) J.M.H. Duyver lic.
(31) 371496 P
(32) 06.08.2010
(33) United States of America
(47) 14.01.2015
-
- (51) A61M 5/20
(11) EP2021055
(21) EP07733018.1
(22) 30.05.2007
(54) INJECTION DEVICE
(73) Cilag GmbH International
(72) BARROW-WILLIAMS, Timothy Donald
(74) ir. F.A. Geurts c.s.
(31) 0610859
(32) 01.06.2006
(33) United Kingdom
(47) 02.03.2011
-
- (51) B62M 25/04
(11) EP1623918
(21) EP05016841.8
(22) 03.08.2005
(54) Adjusting device for gear change
(73) SRAM Deutschland GmbH
(72) McLaughlin, Scott
Böhm, Robert, Dipl.-Ing.
Weiss, Martin, Dipl.-Ing.
(74) ir. F.A. Geurts c.s.
(31) 102004037741
(32) 04.08.2004
(33) Germany
(47) 21.05.2008
-
- (51) H04L 5/00
(11) EP2705626
(21) EP11807868.2
(22) 23.12.2011
(54) Transmission and reception of control data in a communication system
(73) Telefonaktiebolaget L M Ericsson (publ)
(72) HOYMANN, Christian
JÖNGREN, George
LINDBOM, Lars
PARKVALL, Stefan
(74) ir. J.M.G. Dohmen c.s.
(31) 201161481926 P
PCT/EP2011/004901
(32) 03.05.2011
30.09.2011
- (33) United States of America
World Intellectual Property Office (WIPO)
(47) 08.04.2015

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

- (21) 300248
(22) 15.05.2018
(11) 300248
(71) Novartis AG
(74) ir. M.F.J.M. Ketelaars c.s.
ir. M.F.J.M. Ketelaars c.s.
(68) EP0914118
(54) Gesubstitueerde 3,5-difenyl-1,2,4-triazolen
en de toepassing daarvan als farmaceutische
metaal chelatoren.
(94) 1529
(95) Deferasirox, desgewenst in de vorm van een
farmaceutisch aanvaardbaar zout
(93) EU/1/06/356/001-006 31.08.2006
-
- (21) 300934
(22) 26.04.2018
(11) 300934
(73) Yeda Research & Development Co. Ltd
(74) ir. H.V. Mertens c.s.
(68) EP1567147
(54) WATER-SOLUBLE ANIONIC
BACTERIOCHLOROPHYLL
DERIVATIVES AND THEIR USES.
(94) 16.11.2028
(95) Padeliporfine (als di-kalium zout)
(93) EU/1/17/1228 10.11.2017
(47) 22.05.2018
-
- (21) 300938
(22) 15.05.2018
(11) 300938
(74) ir. M.F.J.M. Ketelaars c.s.
(68) EP2240466
(54) PHARMACEUTICALLY ACCEPTABLE
SALTS OF 2-{4-[(3S)-PIPERIDIN-3-
YL]PHENYL} -2H-INDAZOLE-7-
CARBOXAMIDE
(94) 1408
(95) Niraparib tosylaat, of een hydraat daarvan, in
het bijzonder het tosylaat monohydraat.
(93) EU/1/17/1235 16.11.2017
-
- (21) 300939
(22) 17.05.2018
(11) 300939
(74) ir. M.F.J.M. Ketelaars c.s.
(68) EP2270149
(54) METHOD FOR CONTROLLING THE
ACTIVITY OF IMMUNOLOGICALLY
FUNCTIONAL MOLECULE
(94) 1826
(95) Een geafucolyseerd antilichaam dat bindt aan
interleukine-5-receptor-alfa, in het bijzonder
Benralizumab en door het basisoctrooi
beschermde therapeutisch equivalente
varianten daarvan.
(93) EU/1/17/1252 08.01.2018
-

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) EP1831987 | (00) 29/17 19.07.2017 | (11) EP2507083 |
| (51) H02P 9/10 | (11) EP2277946 | (51) B60H 3/06 |
| F03D 9/00 | (51) C08L 33/04 | B60H 1/00 |
| (00) 29/17 | (00) 29/17 | B01D 46/00 |
| 19.07.2017 | 19.07.2017 | B01D 46/10 |
| (11) EP1874878 | (11) EP2278002 | B01D 46/52 |
| (51) C09D 5/44 | (51) A61K 38/54 | (00) 30/17 |
| (00) 28/17 | (00) 28/17 | 26.07.2017 |
| 12.07.2017 | (00) 28/17 | (11) EP2511417 |
| (11) EP2076299 | (11) EP2300455 | (51) D06F 75/12 |
| (51) A61M 5/00 | (51) C07D 401/10 | D06F 75/40 |
| A61M 5/24 | C07D 487/04 | D06F 79/02 |
| A61M 5/315 | C07D 253/07 | (00) 29/17 |
| A61M 5/32 | A61K 31/53 | 19.07.2017 |
| A61M 5/50 | A61P 35/00 | (11) EP2546221 |
| A61M 5/31 | (00) 29/17 | (51) C07C 17/087 |
| A61M 5/20 | 19.07.2017 | C07C 21/19 |
| (00) 29/17 | (11) EP2302129 | C09K 5/00 |
| 19.07.2017 | (51) D06F 93/00 | (00) 30/17 |
| (11) EP2174749 | B65G 47/61 | 26.07.2017 |
| (51) B25F 5/00 | (00) 29/17 | (11) EP2569571 |
| (00) 29/17 | 19.07.2017 | (51) F17D 1/04 |
| 19.07.2017 | (11) EP2328988 | F16L 7/00 |
| (11) EP2192154 | (51) B32B 27/08 | (00) 29/17 |
| (51) C08L 33/04 | B32B 7/12 | 19.07.2017 |
| (00) 29/17 | B32B 27/30 | (11) EP2574711 |
| 19.07.2017 | B32B 27/32 | (51) F03D 13/20 |
| (11) EP2194541 | B32B 27/36 | E04H 12/08 |
| (51) H01C 7/112 | C09J 7/02 | E02D 27/42 |
| C04B 35/453 | G09F 3/04 | (00) 29/17 |
| C04B 35/626 | (00) 29/17 | 19.07.2017 |
| (00) 29/17 | 19.07.2017 | (11) EP2575490 |
| 19.07.2017 | (11) EP2334408 | (51) A23F 5/12 |
| (11) EP2206396 | (51) B01D 53/86 | (00) 29/17 |
| (51) H04W 74/00 | B01J 21/06 | 19.07.2017 |
| H04W 74/08 | B01J 23/10 | (11) EP2597142 |
| (00) 29/17 | (00) 29/17 | (51) C11B 3/00 |
| 19.07.2017 | 19.07.2017 | A23D 9/04 |
| (11) EP2217036 | (11) EP2370774 | C11B 3/02 |
| (51) H05B 6/12 | (51) F28D 9/00 | C11B 3/10 |
| A47B 77/02 | (00) 29/17 | C11C 1/08 |
| (00) 29/17 | 19.07.2017 | C11C 1/10 |
| 19.07.2017 | (11) EP2427666 | C11B 3/14 |
| (11) EP2217214 | (51) F16C 33/64 | (00) 29/17 |
| (51) A61K 9/20 | (00) 28/17 | 19.07.2017 |
| A61K 31/397 | 12.07.2017 | (11) EP2608762 |
| (00) 29/17 | (11) EP2428912 | (51) A61Q 9/04 |
| 19.07.2017 | (51) G06K 7/00 | A61Q 9/00 |
| (11) EP2246649 | G06K 19/07 | A61K 9/00 |
| (51) F25B 1/00 | G06K 17/00 | A61K 41/00 |
| C09K 5/04 | (00) 29/17 | A61B 17/50 |
| (00) 29/17 | 19.07.2017 | A61B 18/06 |
| 19.07.2017 | (11) EP2438033 | A61B 18/20 |
| (11) EP2256318 | (51) C07C 17/25 | A61K 9/51 |
| (51) F01D 25/28 | C07C 21/18 | B82Y 5/00 |
| F02C 7/20 | (00) 30/17 | A61B 18/00 |
| F23R 3/60 | 26.07.2017 | A61N 5/067 |
| | | A61N 5/06 |

| | | |
|-----------------|-----------------|-------------------|
| A61Q 19/00 | B82Y 30/00 | B29C 65/02 |
| A61K 8/02 | (00) 29/17 | B32B 37/30 |
| A61K 8/11 | 19.07.2017 | B65D 43/02 |
| A61K 8/19 | (11) EP2768974 | B32B 37/16 |
| (00) 29/17 | (51) C12Q 1/68 | B65D 3/12 |
| 19.07.2017 | (00) 29/17 | B65D 77/20 |
| (11) EP2641670 | 19.07.2017 | B29L 9/00 |
| (51) B21J 15/02 | (11) EP2801304 | B32B 7/04 |
| B21J 15/32 | (51) A47J 31/44 | B32B 15/08 |
| (00) 29/17 | A47J 31/52 | B32B 15/20 |
| 19.07.2017 | (00) 32/17 | (00) 29/17 |
| (11) EP2665693 | 09.08.2017 | 19.07.2017 |
| (51) C07C 17/20 | (11) EP2810660 | (11) EP2931209 |
| B01J 37/14 | (51) A61K 47/38 | (51) A61K 8/04 |
| B01J 37/26 | A61K 9/20 | A61K 8/92 |
| B01J 38/12 | C08B 11/08 | A61K 8/02 |
| B01J 23/86 | (00) 30/17 | A61Q 13/00 |
| B01J 23/94 | 26.07.2017 | A61Q 19/00 |
| B01J 27/125 | (11) EP2811120 | (00) 29/17 |
| (00) 29/17 | (51) F02K 3/06 | 19.07.2017 |
| 19.07.2017 | F02C 7/36 | (11) EP2931897 |
| (11) EP2666947 | F01D 25/16 | (51) C12N 15/63 |
| (51) E06B 1/62 | (00) 28/17 | (00) 44/17 |
| (00) 29/17 | 12.07.2017 | 01.11.2017 |
| 19.07.2017 | (11) EP2811876 | (11) EP2969278 |
| (11) EP2679518 | (51) A47J 31/44 | (51) B21B 27/10 |
| (51) B65D 81/34 | A47J 31/42 | B21B 45/02 |
| B32B 27/08 | A47J 31/06 | (00) 31/17 |
| (00) 29/17 | A23F 5/26 | 02.08.2017 |
| 19.07.2017 | (00) 01/16 | (11) EP2993964 |
| (11) EP2690303 | 06.01.2016 | (51) G05B 19/042 |
| (51) F16D 55/02 | (11) EP2825555 | H04L 12/28 |
| (00) 29/17 | (51) C07K 14/75 | H05B 37/02 |
| 19.07.2017 | (00) 28/17 | (00) 29/17 |
| (11) EP2691646 | 12.07.2017 | 19.07.2017 |
| (51) F03D 1/06 | (11) EP2831971 | (11) EP2998573 |
| (00) 28/17 | (51) H02J 3/14 | (51) F03D 80/40 |
| 12.07.2017 | H05B 37/02 | F03D 7/04 |
| (11) EP2714947 | (00) 29/17 | F03D 17/00 |
| (51) C21D 8/00 | 19.07.2017 | (00) 29/17 |
| C22C 38/18 | (11) EP2837757 | 19.07.2017 |
| C22C 38/38 | (51) E05B 47/00 | (11) EP2999554 |
| B21B 1/00 | H02J 7/34 | (51) B21B 39/00 |
| B22D 11/00 | (00) 28/17 | (00) 29/17 |
| B21B 3/00 | 12.07.2017 | 19.07.2017 |
| B21C 37/00 | (11) EP2854723 | (11) EP3012872 |
| (00) 29/17 | (51) A61F 5/44 | (51) H01L 31/0224 |
| 19.07.2017 | A61F 5/445 | B32B 7/02 |
| (11) EP2721292 | B31B 70/00 | H01B 5/02 |
| (51) F03D 7/02 | (00) 29/17 | H01L 31/05 |
| F03D 7/04 | 19.07.2017 | (00) 28/17 |
| (00) 29/17 | (11) EP2883522 | 12.07.2017 |
| 19.07.2017 | (51) A61F 13/49 | (11) EP3018922 |
| (11) EP2736481 | A61F 13/514 | (51) H04W 4/10 |
| (51) A61K 8/22 | (00) 29/17 | (00) 29/17 |
| A61K 8/46 | 19.07.2017 | 19.07.2017 |
| A61K 8/67 | (11) EP2895020 | (11) EP3037226 |
| A61Q 5/08 | (51) A41B 11/00 | (51) B26B 21/56 |
| (00) 29/17 | A41D 13/00 | (00) 29/17 |
| 19.07.2017 | (00) 29/17 | 19.07.2017 |
| (11) EP2766417 | 19.07.2017 | (11) EP3059824 |
| (51) C08K 3/14 | (11) EP2895021 | (51) H02G 3/12 |
| C08K 3/26 | (51) A41D 13/00 | H02G 3/14 |
| C08K 3/36 | (00) 30/17 | (00) 42/17 |
| C08K 7/24 | 26.07.2017 | 18.10.2017 |
| C08L 23/02 | (11) EP2909098 | (11) EP3086670 |
| C08L 23/04 | (51) B65D 53/04 | (51) A24D 1/02 |

A24D 3/06
D21H 27/00
(00) 29/17
19.07.2017

(11) EP3089480
(51) H04R 25/00
(00) 30/17
26.07.2017

(11) EP3138910
(51) C12N 15/10
C12N 15/63
C12N 9/22
(00) 38/17
20.09.2017

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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) EP1677214 | (51) A01B 63/24 |
| (51) G06F 17/30 | A01B 73/00 |
| (00) 2015/13 | A01C 7/20 |
| 25.03.2015 | A01B 63/00 |
| (11) EP1900412 | (00) 49/16 |
| (51) B01D 33/03 | 07.12.2016 |
| B07B 1/46 | (11) EP2769987 |
| E21B 21/00 | (51) C07K 16/16 |
| E21B 21/06 | C07K 16/44 |
| B01D 35/20 | G01N 33/53 |
| C09K 8/00 | (00) 07/17 |
| (00) 2011/13 | 15.02.2017 |
| 30.03.2011 | (00) 22.05.2018 |
| (11) EP2126471 | (00) Positive |
| (51) F23D 11/40 | (11) EP2781477 |
| F23D 14/22 | (51) B65G 57/24 |
| F23D 14/26 | B65G 61/00 |
| (11) EP2163228 | (11) EP2786858 |
| (51) A61F 5/44 | (51) B29C 67/00 |
| (11) EP2173731 | B22F 3/105 |
| (51) C07D 301/12 | (11) EP2866738 |
| C07D 303/04 | (51) A61F 2/24 |
| (00) 2012/37 | (00) 25/17 |
| 12.09.2012 | 21.06.2017 |
| (11) EP2177381 | (11) EP2868483 |
| (51) B60G 17/052 | (51) B41M 1/12 |
| (00) 31/16 | B41M 1/20 |
| 03.08.2016 | B41M 3/14 |
| (11) EP2217555 | B41F 15/08 |
| (51) C07C 45/50 | B42D 25/29 |
| C07C 47/32 | (11) EP2956298 |
| C07C 47/02 | (51) B32B 27/10 |
| (11) EP2299014 | B32B 29/00 |
| (51) E03F 5/04 | B32B 3/26 |
| (00) 29/16 | B42D 15/00 |
| 20.07.2016 | D21H 21/40 |
| (11) EP2440718 | D21H 27/36 |
| (51) E04C 5/01 | (11) EP3002565 |
| (11) EP2446952 | (51) G01F 3/22 |
| (51) B01D 41/04 | G01F 15/14 |
| (11) EP2599637 | (00) 33/17 |
| (51) B42D 15/00 | 18.08.2017 |
| G07D 7/00 | |
| B42D 25/29 | |
| B42D 25/00 | |
| (00) 18/17 | |
| 03.05.2017 | |
| (11) EP2723807 | |
| (51) C08K 3/22 | |
| C08K 5/524 | |
| C08K 5/526 | |
| C08L 77/06 | |
| G02B 1/04 | |
| (00) 14/17 | |
| 05.04.2017 | |
| (11) EP2742787 | |

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

(11) 2014761

(00) 14.05.2018

(51) E04B 2/24

E04B 2/38

E04B 2/02

(00) Pre-judgement attachment

(11) EP1441887

(51) B22C 3/00

C09C 1/30

(11) EP2089656

(51) F21V 7/00

F21K 99/00

G03B 21/20

F21Y 101/02

F21Y 105/00

F21Y 113/00

VRV

**Verval of nietigverklaring.
Contains data concerning lapse or annulment.**

| | | |
|----------------------------|---------------------|------------------------|
| (11) 1009217 | (00) Patent Expired | (00) Patent Expired |
| (00) 19.05.2018 | (11) EP0903569 | (11) EP0998856 |
| (00) Patent Expired | (00) 19.05.2018 | (00) 19.05.2018 |
| (11) 1009243 | (00) Patent Expired | (00) Patent Expired |
| (00) 22.05.2018 | (11) EP0906724 | (11) EP1007123 |
| (00) Patent Expired | (00) 18.05.2018 | (00) 22.05.2018 |
| (11) 2019362 | (00) Patent Expired | (00) Patent Expired |
| (00) 15.05.2018 | (11) EP0917523 | (11) EP1011977 |
| (00) Application Withdrawn | (00) 20.05.2018 | (00) 22.05.2018 |
| (11) 2019411 | (00) Patent Expired | (00) Patent Expired |
| (00) 15.05.2018 | (11) EP0943236 | (11) EP1016601 |
| (00) Application Withdrawn | (00) 19.05.2018 | (00) 21.05.2018 |
| (11) 2019677 | (00) Patent Expired | (00) Patent Expired |
| (00) 08.05.2018 | (11) EP0959007 | (11) EP1021146 |
| (00) Application Withdrawn | (00) 22.05.2018 | (00) 21.05.2018 |
| (11) 2019678 | (00) Patent Expired | (00) Patent Expired |
| (00) 08.05.2018 | (11) EP0983058 | (11) EP1023808 |
| (00) Application Withdrawn | (00) 18.05.2018 | (00) 22.05.2018 |
| (11) EP0879611 | (00) Patent Expired | (00) Patent Expired |
| (00) 19.05.2018 | (11) EP0983076 | (11) EP1051698 |
| (00) Patent Expired | (00) 22.05.2018 | (00) 17.01.2018 |
| (11) EP0879613 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 19.05.2018 | (11) EP0983141 | (11) EP1079699 |
| (00) Patent Expired | (00) 22.05.2018 | (00) 21.05.2018 |
| (11) EP0879750 | (00) Patent Expired | (00) Patent Expired |
| (00) 21.05.2018 | (11) EP0983238 | (11) EP1079700 |
| (00) Patent Expired | (00) 18.05.2018 | (00) 21.05.2018 |
| (11) EP0879838 | (00) Patent Expired | (00) Patent Expired |
| (00) 22.05.2018 | (11) EP0983406 | (11) EP1080538 |
| (00) Patent Expired | (00) 21.05.2018 | (00) 20.05.2018 |
| (11) EP0879917 | (00) Patent Expired | (00) Patent Expired |
| (00) 19.05.2018 | (11) EP0984785 | (11) EP1080539 |
| (00) Patent Expired | (00) 22.05.2018 | (00) 20.05.2018 |
| (11) EP0881167 | (00) Patent Expired | (00) Patent Expired |
| (00) 22.05.2018 | (11) EP0985243 | (11) EP1240503 |
| (00) Patent Expired | (00) 19.05.2018 | (00) 17.01.2018 |
| (11) EP0881212 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 20.05.2018 | (11) EP0986304 | (11) EP1314390 |
| (00) Patent Expired | (00) 20.05.2018 | (00) 20.05.2018 |
| (11) EP0884911 | (00) Patent Expired | (00) Patent Expired |
| (00) 22.05.2018 | (11) EP0986312 | (11) EP1429099 |
| (00) Patent Expired | (00) 22.05.2018 | (00) 17.01.2018 |
| (11) EP0885980 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 22.05.2018 | (11) EP0988040 | (11) EP1442256 |
| (00) Patent Expired | (00) 22.05.2018 | (00) 17.01.2018 |
| (11) EP0887400 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 18.05.2018 | (11) EP0988389 | (11) EP1450227 |
| (00) Patent Expired | (00) 20.05.2018 | (00) 17.01.2018 |
| (11) EP0893301 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 20.05.2018 | (11) EP0991359 | (11) EP1506961 |
| (00) Patent Expired | (00) 21.05.2018 | (00) 18.05.2018 |
| (11) EP0899271 | (00) Patent Expired | (00) Patent Expired |
| (00) 20.05.2018 | (11) EP0991666 | (11) EP1562077 |
| (00) Patent Expired | (00) 20.05.2018 | (00) 17.01.2018 |
| (11) EP0903177 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 20.05.2018 | (11) EP0991970 | (11) EP1600442 |
| (00) Patent Expired | (00) 19.05.2018 | (00) 17.01.2018 |
| (11) EP0903321 | (00) Patent Expired | (00) EPV Ceased Effect |
| (00) 22.05.2018 | (11) EP0992070 | (11) EP1606002 |
| | (00) 22.05.2018 | (00) 17.01.2018 |

| | | |
|----------------------------------|------------------------|----------------------------------|
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1634262 | (11) EP1829398 | (11) EP1999995 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1661373 | (11) EP1845037 | (11) EP2005394 |
| (00) 17.01.2018 | (00) 22.05.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) Patent Expired | (00) EPV Ceased Effect |
| (11) EP1669148 | (11) EP1845430 | (11) EP2010845 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1689135 | (11) EP1861070 | (11) EP2011083 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1695489 | (11) EP1864397 | (11) EP2012511 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1708332 | (11) EP1881135 | (11) EP2013449 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1709467 | (11) EP1881996 | (11) EP2017426 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1711692 | (11) EP1891184 | (11) EP2024488 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1716437 | (11) EP1891903 | (11) EP2025088 |
| (00) 17.01.2018 | (00) 21.05.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) Patent Expired | (00) EPV Ceased Effect |
| (11) EP1720571 | (11) EP1901007 | (11) EP2026978 |
| (00) 29.03.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) European Patent got Revoked | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1730647 | (11) EP1901033 | (11) EP2038402 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1737051 | (11) EP1903616 | (11) EP2042645 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1747280 | (11) EP1904118 | (11) EP2044005 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 24.03.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) European Patent got Revoked |
| (11) EP1757740 | (11) EP1906505 | (11) EP2045582 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1759383 | (11) EP1915606 | (11) EP2049861 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1759414 | (11) EP1925492 | (11) EP2049918 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1763569 | (11) EP1928309 | (11) EP2060068 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1766845 | (11) EP1943663 | (11) EP2063965 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1779324 | (11) EP1946026 | (11) EP2064000 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1783540 | (11) EP1958366 | (11) EP2068510 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1817073 | (11) EP1982260 | (11) EP2070786 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP1828287 | (11) EP1993878 | (11) EP2071699 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |

| | | |
|----------------------------------|------------------------|------------------------|
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2076062 | (11) EP2151965 | (11) EP2212150 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2080134 | (11) EP2153857 | (11) EP2213054 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2085902 | (11) EP2159837 | (11) EP2216757 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2094389 | (11) EP2160571 | (11) EP2220139 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2099861 | (11) EP2164582 | (11) EP2221059 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2101955 | (11) EP2165388 | (11) EP2221274 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2102616 | (11) EP2166723 | (11) EP2224979 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2115870 | (11) EP2172821 | (11) EP2226131 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2118458 | (11) EP2176040 | (11) EP2227997 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2119717 | (11) EP2176599 | (11) EP2234771 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2121138 | (11) EP2177634 | (11) EP2239458 |
| (00) 19.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) European Patent got Revoked | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2127753 | (11) EP2178832 | (11) EP2241943 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2129443 | (11) EP2179564 | (11) EP2246940 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2130442 | (11) EP2182809 | (11) EP2252093 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2132490 | (11) EP2185108 | (11) EP2252782 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
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| (11) EP2134319 | (11) EP2185252 | (11) EP2253440 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
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| (11) EP2134885 | (11) EP2185405 | (11) EP2255501 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2135422 | (11) EP2185792 | (11) EP2255802 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
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| (11) EP2145042 | (11) EP2189249 | (11) EP2256475 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
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| (11) EP2145497 | (11) EP2191546 | (11) EP2257952 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2148499 | (11) EP2205378 | (11) EP2257994 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP2150782 | (11) EP2208259 | (11) EP2260262 |
| (00) 17.01.2018 | (00) 17.01.2018 | (00) 17.01.2018 |

| | | |
|------------------------|------------------------|------------------------|
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| (11) EP3052069 | (11) EP3060404 | (11) EP3069899 |
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| (11) EP3052473 | (11) EP3062140 | (11) EP3070009 |
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| (11) EP3052752 | (11) EP3062292 | (11) EP3070600 |
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| (11) EP3053047 | (11) EP3063043 | (11) EP3070749 |
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| (11) EP3054226 | (11) EP3063536 | (11) EP3073815 |
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| (11) EP3111094 | (11) EP3132669 | (11) EP3190018 |
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| (11) EP3112002 | (11) EP3132895 | (11) EP3195525 |
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| (11) EP3112145 | (11) EP3133053 | (11) EP3196593 |
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| (11) EP3113464 | (11) EP3139109 | |
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| (11) EP3115345 | (11) EP3141164 | |
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| (11) EP3115914 | (11) EP3141393 | |
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| (11) EP3117131 | (11) EP3144484 | |
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| (11) EP3118028 | (11) EP3144496 | |
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| (11) EP3121554 | (11) EP3154211 | |
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| (11) EP3122043 | (11) EP3156311 | |
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| (11) EP3124722 | (11) EP3158797 | |
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| (11) EP3125359 | (11) EP3173523 | |
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| (11) EP3125364 | (11) EP3176966 | |
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| (11) EP3129819 | (11) EP3179499 | |
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| (11) EP3130185 | (11) EP3180942 | |
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| (11) EP3130549 | (11) EP3181142 | |
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| (11) EP3131343 | (11) EP3183210 | |
| (00) 17.01.2018 | (00) 17.01.2018 | |

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

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| (71) LioniX International B.V. | (73) Guangdong OPPO Mobile Telecommunications Corp., Ltd. | (51) G01V 1/20 (00) Assignment |
| (73) LioniX International B.V. | (11) EP2549664 | (71) Guangdong OPPO Mobile |
| (11) 1019637 | (00) 15.03.2018 | Telecommunications Corp., Ltd. |
| (00) 14.03.2018 | (51) H04B 7/26 | (73) Guangdong OPPO Mobile |
| (51) G02B 6/42 | H04W 56/00 | Telecommunications Corp., Ltd. |
| (00) Merge | H04L 5/00 | (11) EP2451239 |
| (71) Quarantainenet BV | (00) Assignment | (00) 15.03.2018 |
| (73) Quarantainenet BV | (71) Octapharma AG | (51) H04W 76/04 |
| (11) 2014533 | (73) Octapharma AG | H04W 72/12 |
| (00) 08.05.2018 | (11) EP1660134 | H04W 52/02 |
| (51) G06F 15/173 | (00) 19.03.2018 | H04L 5/00 |
| (00) Assignment | (51) A61K 47/48 | H04W 72/04 |
| (71) Quarantainenet BV | A61P 35/00 | (00) Assignment |
| (73) Quarantainenet BV | A61P 35/02 | (71) Microsoft Technology Licensing, LLC |
| (11) 2014534 | A61P 31/00 | (73) Microsoft Technology Licensing, LLC |
| (00) 08.05.2018 | (00) Assignment | (11) EP1665688 |
| (51) G06F 15/173 | (71) Guangdong OPPO Mobile | (00) 15.03.2018 |
| G06F 9/48 | Telecommunications Corp., Ltd. | (51) H04L 17/02 |
| (00) Assignment | (73) Guangdong OPPO Mobile | (00) Assignment |
| (71) Greenrail Group S.r.l. | Telecommunications Corp., Ltd. | (71) Guangdong OPPO Mobile |
| (73) Greenrail Group S.r.l. | (11) EP2248270 | Telecommunications Corp., Ltd. |
| (11) EP2809846 | (00) 15.03.2018 | (73) Guangdong OPPO Mobile |
| (00) 15.03.2018 | (51) H04B 1/16 | Telecommunications Corp., Ltd. |
| (51) E01B 3/44 | (00) Assignment | (11) EP2434815 |
| (00) Change of owner(s) name | (71) Sunovion Pharmaceuticals Inc. | (00) 15.03.2018 |
| (71) Eaton Intelligent Power Limited | (73) Sunovion Pharmaceuticals Inc. | (51) H04B 7/26 |
| (73) Eaton Intelligent Power Limited | (11) EP2442650 | H04W 56/00 |
| (11) EP2577698 | (00) 16.03.2018 | (00) Assignment |
| (00) 15.03.2018 | (51) A61K 31/473 | (71) Feistmantl Management GmbH |
| (51) H01H 9/34 | A61K 31/44 | (73) Feistmantl Management GmbH |
| H01H 77/10 | A01N 43/42 | (11) EP2613893 |
| (00) Assignment | A61K 47/02 | (00) 30.03.2018 |
| (71) Guangdong OPPO Mobile | A61P 15/10 | (51) B08B 9/20 |
| Telecommunications Corp., Ltd. | A61P 25/16 | B08B 9/24 |
| (73) Guangdong OPPO Mobile | (00) Assignment | B65F 7/00 |
| Telecommunications Corp., Ltd. | (71) Guangdong OPPO Mobile | B08B 9/08 |
| (11) EP2806568 | Telecommunications Corp., Ltd. | (00) Assignment |
| (00) 15.03.2018 | (73) Guangdong OPPO Mobile | (71) RBI Capital B.V. |
| (51) H04B 1/16 | Telecommunications Corp., Ltd. | (73) RBI Capital B.V. |
| (00) Assignment | (11) EP2235851 | (11) 2014128 |
| (71) Guangdong OPPO Mobile | (00) 15.03.2018 | (00) 30.03.2018 |
| Telecommunications Corp., Ltd. | (51) H04B 7/26 | (51) A61G 17/00 |
| (73) Guangdong OPPO Mobile | H04W 56/00 | A61G 17/007 |
| Telecommunications Corp., Ltd. | (00) Assignment | (00) Assignment |
| (11) EP2443898 | (71) Microsoft Technology Licensing, LLC | (71) detectomat GmbH |
| (00) 15.03.2018 | (73) Microsoft Technology Licensing, LLC | (73) detectomat GmbH |
| (51) H04W 76/04 | (11) EP2673718 | (11) EP1109143 |
| H04W 52/02 | (00) 19.03.2018 | (00) 28.03.2018 |
| H04L 5/00 | (51) G06F 17/00 | (51) G08B 25/01 |
| (00) Assignment | G06F 17/30 | G08B 26/00 |
| (71) Microsoft Technology Licensing, LLC | G06N 5/00 | G08B 29/06 |
| (73) Microsoft Technology Licensing, LLC | G06N 5/02 | (00) Assignment |
| (11) EP2929662 | H04L 12/58 | (71) detectomat GmbH |
| (00) 19.03.2018 | G06Q 10/10 | (73) detectomat GmbH |
| (51) H04L 27/00 | G06Q 50/00 | (11) EP1206765 |
| H04L 12/58 | (00) Assignment | (00) 28.03.2018 |
| (00) Assignment | (71) Phoenix Engineering Systems Ltd | (51) G08B 26/00 |
| (71) Guangdong OPPO Mobile | (73) Phoenix Engineering Systems Ltd | (00) Assignment |
| Telecommunications Corp., Ltd. | (11) EP2223160 | (71) detectomat GmbH |
| | (00) 15.03.2018 | (73) detectomat GmbH |

- (11) EP1258848
- (00) 28.03.2018
- (51) G08B 17/107
- (00) Assignment

- (71) Adjuvo Motion B.V.
- (73) Adjuvo Motion B.V.
- (11) 2017228
- (00) 28.03.2018
- (51) B25J 9/00
 - A61H 1/02
 - A61F 2/58
 - A61F 5/01
 - B25J 13/02
- (00) Assignment

TVH

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