Rijksdienst voor Ondernemend
Nederland
Nederland
De industriële eigendom

Inleiding

Hoofdblad

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

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

Abonnementsprijzen per (kalender)jaar:

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

Bezoekadres: **Octrooicentrum Nederland**
Prinses Beatrixlaan 2
2595 AL Den Haag
Postadres
Postbus 10366
2501 HJ Den Haag
Telefoon: 088-0426656
Bankrekeningnummer:
Voor taksen en depotrekeningen:
ING 0705001296
Iban: NL41INGB070500129
BIC: INGBNL2A

Introduction

Patent Bulletin

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

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

Subscription rates per calendar year:

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

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

Inhoudsopgave	Blz.	Content	Page
Rubriek NP1 Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	7	**Heading NP1** Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	7
Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	10	**Heading NP2** Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	10
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	12	**Heading NP3** Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	12
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	13	**Heading EP1** Contains data concerning translations of the conclusions of European patent applications.	13
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	14	**Heading EP2** Contains data concerning European patents granted for The Netherlands.	14
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.	241	**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.	241
Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzgde Europese octrooien.	288	**Heading EP4** Contains data concerning European patents granted in amended form for the Netherlands.	288
Rubriek EP5 Bevat gegevens betreffende voor Nederland verleende gewijzigde	290	**Heading EP5** Contains data concerning European patents granted in amended form for	290

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.

The Netherlands in which an amended translation was filed.

Rubriek SPC 291 **Heading SPC** 291

Bevat gegevens betreffende ingeschreven en verleende certificaten

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

Rubriek VB1 292 **Heading VB1** 292

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

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

Rubriek VB2 294 **Heading VB2** 294

Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.

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

Rubriek MED 295 **Heading MED** 295

Bevat gegevens betreffende overige mededelingen.

Contains data concerning other communications.

Rubriek VRV 296 **Heading VRV** 296

Bevat gegevens betreffende verval of nietigverklaring.

Contains data concerning lapse or annulment.

Rubriek VRB 326 **Heading VRB** 326

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

Contains data concerning corrections on earlier publications.

Rubriek CO 327 **Heading CO** 327

Bevat gegevens betreffende wijzigingen in het octrooiregister.

Contains data concerning changes in the Netherland patent register.

Rubriek TVH 330 **Heading TVH** 330

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

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

Overzicht van Inid codes

INID CODES

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

INID CODES

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

(11) Octrooinummer	(11) Patent number
(13) Soort document volgens WIPO standaard 16	(13) Kind of document code according to WIPO standard ST.16
(15) Correctie informatie	(15) Patent correction information
(21) Octrooiaanvraagnummer	(21) Application number
(22) Datum van indiening	(22) Date(s) of filing application(s)
(23) Datum tentoonstelling	(23) Date of exhibition
(25) Taal van indiening	(25) Language in which the published application was originally filed
(26) Taal waarin de aanvraag is gepubliceerd	(26) Language in which the application is published
(30) Voorrangsgegevens	(30) Priority Data
(31) Nummer voorrang	(31) Number(s) assigned to priority application(s)
(32) Datum voorrang	(32) Date(s) of filling of priority application(s)
(33) Land van herkomst voorrang	(33) WIPO Standard ST.3 Code indetifying the national patent office alloting the priority application number or the organization alloting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
(34) Oorspronkelijk land van indiening	(34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
(40) Datum van inschrijving	(40) Date(s) of making available to the public
(41) Datum van inschrijving van een octrooiaanvraag	(41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
(42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)	(42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
(43) Datum waarop de aanvraag ter inzage is gelegd	(43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

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

Rubrieken/Headings

NP1

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

(51) A01G 9/08
B65G 59/10
A01G 9/10
(21) 2018101
(22) 30.12.2016
(54) Werkwijze voor het van nestbare gazen conussen voorzien van een planten-tray, alsmede een inrichting daarvoor
(71) Maan Intellectual Properties B.V.
(74) ir. B.J. 't Jong
(72) Edward Keijzer
(41) 23.07.2018

(51) A47G 23/04
F25D 3/08
F25D 31/00
(21) 2018112
(22) 02.01.2017
(54) Inrichting voor het conditioneren van een vloeistof
(71) Tele Merchandising International B.V.
(74) ir. P.J. Hylarides c.s.
(72) Jan Willem Johannes Luinstra
(41) 23.07.2018

(51) B25J 9/00
(21) 2020224
(22) 02.01.2018
(54) Intelligent Robot
(71) Zhuhai Hengqin Qi-Xiang Technology Co., Ltd.
(74) dr. J. van Straaten
(72) Xuan Zhu
(31) 201710007531.7
(32) 05.01.2017
(33) China

(51) B29B 17/02
B07C 5/34
G01N 21/31
G01N 33/44
G01N 21/95
B29B 17/04
B29K 23/00
B29L 7/00
(21) 2018102
(22) 30.12.2016
(54) Process for recycling polyolefin waste
(71) Blue Plastics B.V.
(74) dr. T. Hubregtse
(72) Roel Johannes Henricus Arnoldus Fransen
Tatiana Vladimirovna Novoseltseva
(41) 23.07.2018

(51) B62D 53/08
B60T 13/08
(21) 2018103
(22) 30.12.2016
(54) Combinatie van een aanhanger en een daaraan gekoppelde oplegger
(71) Schalk den Oudsten
(74) ir. B.J. 't Jong
(72) Schalk den Oudsten
(41) 23.07.2018

(51) B66C 1/44
(21) 1042206
(22) 30.12.2016
(54) Gripper apparatus
(71) CSi Industries B.V.
(74) drs. O. Griebling
(72) Hendrik Leusink
(41) 23.07.2018

(51) B66C 23/18
B66C 23/20
(21) 2019075
(22) 15.06.2017
(54) Method for onshore or offshore erecting an upstanding con-struction
(71) Mammoet Holding B.V.
(74) mr. ir. J. van Breda c.s.
(72) Wessel Helmens
(31) 2018176
(32) 16.01.2017
(33) Netherlands

(51) B66C 23/18
B66C 23/20
(21) 2019462
(22) 29.08.2017
(54) Method for onshore or offshore erecting an upstanding construction
(71) Mammoet Holding B.V.
(74) mr. ir. J. van Breda c.s.
(72) Wessel Helmens
(31) 2018176
2019075
(32) 16.01.2017
15.06.2017
(33) Netherlands
Netherlands

(51) C02F 1/44
C02F 1/42
C02F 1/20
(21) 2018100
(22) 30.12.2016
(54) A method of reducing the chemical oxygen demand of water obtained by reverse osmosis
(71) VP-SYSTEMS B.V.
(74) ir. W.J.J.M. Kempes
(72) Henk Willems
(41) 23.07.2018

(51) E03B 9/10
E02D 29/14
(21) 1042204
(22) 30.12.2016
(54) Systeem voor het op maaiveldhoogte be-schermen van een zich daaronder bevindende gas- of vloeistofafsluiter
(71) Romfix B.V.
(72) Paulus Schmal
(41) 23.07.2018

(51) E04B 9/36
B32B 27/02
D21H 13/24
(21) 2021066
(22) 06.06.2018
(54) Linear panel
(62) 1042041
(71) Hunter Douglas Industries B.V.
(74) dr. ir. F.M. van Bouwelen
(72) Michiel Jacobus Johannes Langeveld
Lars Vejen-Jensen
(31) 1041463
(32) 08.09.2015
(33) Netherlands

(51) E04G 17/06
(21) 2019425
(22) 18.08.2017
(54) ANKERBUIGING VOOR HET BUIGEN VAN SPOUWANKERS
(71) Attanasio Pinnola
Giuseppe Sgroi
(74) drs. J. Renkema
(72) Attanasio Pinnola
Giuseppe Sgroi
(31) BE2017/5007
(32) 09.01.2017
(33) Belgium

(51) F16G 5/16
(21) 1042203
(22) 30.12.2016
(54) A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION
(71) Robert Bosch G.m.b.H.
(74) ir. G.A.J.M. Plevier
(72) Adrianus Antonius Jacobus Maria van Treijen
(41) 23.07.2018

(51) F16G 5/16
(21) 1042202
(22) 30.12.2016
(54) METHOD FOR MANUFACTURING A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION AND A TRANSVERSE SEGMENT THUS MANUFACTURED
(71) Robert Bosch G.m.b.H.
(74) ir. G.A.J.M. Plevier
(72) Guillaume Gerard Hubertus Rompen
(41) 23.07.2018

(51) F16G 5/16
B21D 28/00
(21) 1042209

(22) 30.12.2016
(54) METHOD FOR MANUFACTURING A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION
(71) Robert Bosch G.m.b.H.
(74) ir. G.A.J.M. Plevier
(72) Robert van den Heuvel
Guillaume Gerard Hubertus Rompen
(41) 23.07.2018

(51) F16G 5/16
B21D 28/00
(21) 1042210
(22) 30.12.2016
(54) METHOD FOR MANUFACTURING A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION
(71) Robert Bosch G.m.b.H.
(74) ir. G.A.J.M. Plevier
(72) Robert van den Heuvel
(41) 23.07.2018

(51) F16G 5/16
B21D 53/14
C23C 8/26
(21) 1042208
(22) 30.12.2016
(54) METAL RING COMPONENT OF A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION AND ITS MANUFACUTRING METHOD
(71) Robert Bosch G.m.b.H.
(74) ir. G.A.J.M. Plevier
(72) Bert Pennings
(41) 23.07.2018

(51) F16H 57/04
(21) 1042205
(22) 30.12.2016
(54) METHOD FOR OPERATING A CONTINUOUSLY VARIABLE TRANSMISSION INCORPORATING A DRIVE BELT IN A MOTOR VEHICLE
(71) Robert Bosch G.m.b.H.
(74) ir. G.A.J.M. Plevier
(72) Peter Ribbers
(41) 23.07.2018

(51) F21S 8/08
F21S 9/02
F21S 9/04
F03D 9/43
(21) 2020223
(22) 02.01.2018
(54) An Automatic Charge-Controlled Solar Energy Saving Street Light
(71) Zhuhai Hengqin Qi-Xiang Technology Co., Ltd.
(74) dr. J. van Straaten
(72) Xuan Zhu
(31) 201710007988.8
(32) 05.01.2017
(33) China

(51) G03F 7/20
(21) 2020238
(22) 05.01.2018
(54) Guiding device and associated system
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Dzmitry Labetski
Christianus Wilhelmus Johannes Berendsen
Rui Miguel Duarte Rodriges Nunes
Alexander Igorevich Ershov
Kornelis Frits Feenstra
Igor Vladimirovich Fomenkov
Klaus Martin Hummler
Arun Johnkadaksham
Matthias Kraushaar
Andrew David Laforge
Marc Guy Langlois
Maksim Loginov
Yue Ma
Seyedmohammad Mojab
Kerim Nadir
Alexander Shatalov
John Tom Stewart
Henricus Gerardus Tegenbosch
Chunguang Xia
(31) 15/400,929
62/596,629
17158280.2
(32) 06.01.2017
08.12.2017
28.02.2017
(33) United States of America
United States of America
European Patent Office (EPO)

(51) G03F 7/20
G03F 1/68
(21) 2020103
(22) 18.12.2017
(54) Lithographic Apparatus and Method
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Willem Jan Bouman
Arjan Gijsbertsen
Jacob Fredrik Friso Klinkhamer
Johannes Wilhelmus de Klerk
Johannes Jacobus Matheus Baselmans
(31) 17151719.6
(32) 17.01.2017
(33) European Patent Office (EPO)

(51) G03F 7/20
G21K 5/00
(21) 2020092
(22) 15.12.2017
(54) REDUCING AN OPTICAL POWER OF A REFLECTED LIGHT BEAM
(71) ASML Netherlands B.V.
(74) ir. A.J. Maas
(72) Cory Alan Stinson
Phillip Conklin
(31) 15/402,134
(32) 09.01.2017
(33) United States of America

(51) G03F 7/20
H01J 37/20
H01J 37/317
(21) 2018108
(22) 30.12.2016
(54) Adjustment assembly and substrate exposure system comprising such an adjustment assembly
(71) Mapper Lithography IP B.V.
(74) ir. F.A. Geurts c.s.
(72) Jerry Johannes Martinus Peijster
(41) 23.07.2018

(51) G05B 19/418
A61B 5/00
(21) 2020198
(22) 29.12.2017
(54) Intelligent Household Appliance for Collecting and Displaying User Healthy Information
(71) Zhuhai Hengqin Qi-Xiang Technology Co., Ltd.
(74) dr. J. van Straaten
(72) Xuan Zhu
(31) 201710007980.1
(32) 05.01.2017
(33) China

(51) G06Q 20/40
G06Q 20/20
(21) 2019978
(22) 24.11.2017
(54) Payment System with Multi-Biometric Composite Authentication and Crossvalidation
(71) Yinguo Wang
(74) drs. P.A. van Essen c.s.
(72) Yinguo Wang
Bojun Luo
Lu Wang
Yi Chang
Yonghu Li
(41) 20.07.2018

(51) H01B 7/00
(21) 2020937
(22) 15.05.2018
(54) SELF-BEARING ANTI-TENSILE WIND ENERGY POWER CABLE
(71) Chongqing Yu Feng Wire & Cable Co., LTD
(74) ir. M.F.J.M. Ketelaars c.s.
(72) Lingguo Zeng
Zhijun Li
(31) 201710501772.7
(32) 27.06.2017
(33) China

(51) H04B 7/005
H04B 1/10
H04B 3/20
(21) 2020262
(22) 10.01.2018
(54) SYSTEMS AND METHODS FOR MULTI-CARRIER SIGNAL ECHO MANAGEMENT USING PSEUDO-EXTENSIONS
(71) Cable Television Laboratories, Inc.
(74) ir. A.R. Aalbers
(72) Thomas H. Williams
Gregory Charles White
(31) 62/447,661
62/447,665
62/447,702
62/469,962
62/512,913
15/833,832
(32) 18.01.2017
18.01.2017
18.01.2017
10.03.2017
31.05.2017
06.12.2017
(33) United States of America
United States of America

United States of America
United States of America
United States of America
United States of America

NP2

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

(51) A01D 45/26
(11) 2019532
(47) 23.07.2018
(22) 12.09.2017
(54) Inrichting voor het oogsten van groentegewassen
(62) 1042254
(73) Tumoba B.V.
(72) Hendrik Willem Molenaar
(74) ir. A. Ferguson
(31) 1041709
(32) 03.02.2016
(33) Netherlands

(51) A01G 9/08
B65G 59/10
A01G 9/10
(11) 2018101
(47) 23.07.2018
(22) 30.12.2016
(54) Werkwijze voor het van nestbare gazen conussen voorzien van een planten-tray, alsmede een inrichting daarvoor
(73) Maan Intellectual Properties B.V.
(72) Edward Keijzer
(74) ir. B.J. 't Jong

(51) A41B 11/00
(11) 2017391
(47) 23.07.2018
(22) 30.08.2016
(54) SOLED SOCK WITH NON-SKID BOTTOM
(73) Strumps Ayakkabi Ve Giyim Sanayi Ticaret Anonim Sirketi
(72) Seyed Nasser Mirbagheri
(74) ir. C.G.C. Veldman-Dijkers
(31) 2015/10830
(32) 01.09.2015
(33) Turkey

(51) A47G 23/04
F25D 3/08
F25D 31/00
(11) 2018112
(47) 23.07.2018
(22) 02.01.2017
(54) Inrichting voor het conditioneren van een vloeistof
(73) Tele Merchandising International B.V.
(72) Jan Willem Johannes Luinstra
(74) ir. P.J. Hylarides c.s.

(51) A61B 5/00
A61B 5/16
(11) 1042207
(47) 23.07.2018
(22) 01.01.2017
(54) An emotion content control system for combining emotion content signals for feedback interaction and a method for enhancing the interaction with the human or animal subject thereof
(73) Mentech Innovation B.V.
(72) dr Erwin Rinaldo Meinders
Mariska Johanna Reitsma

(51) A63H 33/08
(11) 2018160
(47) 23.07.2018
(22) 12.01.2017
(54) A BUILDING BLOCK
(73) LUDOS GROUP B.V.
(72) Gregorius Johannes Adrianus van den Nieuwenhuizen
Pepijn Petrus Pijfers
(74) ir. M. Cramwinckel

(51) B29B 17/02
B07C 5/34
G01N 21/31
G01N 33/44
G01N 21/95
B29B 17/04
B29K 23/00
B29L 7/00
(11) 2018102
(47) 23.07.2018
(22) 30.12.2016
(54) Process for recycling polyolefin waste
(73) Blue Plastics B.V.
(72) Roel Johannes Henricus Arnoldus Fransen
Tatiana Vladimirovna Novoseltseva
(74) dr. T. Hubregtse

(51) B62D 53/08
B60T 13/08
(11) 2018103
(47) 23.07.2018
(22) 30.12.2016
(54) Combinatie van een aanhanger en een daaraan gekoppelde oplegger
(73) Schalk den Oudsten
(72) Schalk den Oudsten
(74) ir. B.J. 't Jong

(51) B66C 1/44
(11) 1042206
(47) 23.07.2018
(22) 30.12.2016
(54) Gripper apparatus
(73) CSi Industries B.V.
(72) Hendrik Leusink
(74) drs. O. Griebling

(51) C02F 1/44
C02F 1/42
C02F 1/20
(11) 2018100
(47) 23.07.2018
(22) 30.12.2016
(54) A method of reducing the chemical oxygen demand of water obtained by reverse osmosis
(73) VP-SYSTEMS B.V.
(72) Henk Willems
(74) ir. W.J.J.M. Kempes

(51) E01B 7/24
(11) 2016514
(47) 23.07.2018
(22) 30.03.2016
(54) Wisselverwarming met elektrisch lint in metalen kokerprofiel.
(73) VolkerRail Nederland B.V.
(72) Thomas Arts
(74) ir. J.H.W. Assendelft
(31) 2014574
(32) 01.04.2015
(33) Netherlands

(51) E02D 5/52
E02D 5/30
(11) 2019619
(47) 23.07.2018
(22) 22.09.2017
(54) FUNDERINGWERKWIJZE, FUNDERINGKOLOMDEEL EN TRILLINGABSORPTIE-ORGAAN
(73) Oskar Peter Henriëtte Pudelko
(72) Oskar Peter Henriëtte Pudelko
(74) ir. F.E. Hoeben
(31) 2017517
(32) 22.09.2016
(33) Netherlands

(51) E02D 31/08
(11) 2017517
(47) 23.07.2018
(22) 22.09.2016
(54) Funderingwerkwijze, funderingkolomdeel en trillingabsorptie-orgaan
(73) Oskar Peter Henriëtte Pudelko
(72) Oskar Pieter Henriëtte Pudelko
(74) ir. F.E. Hoeben

(51) E03B 9/10
E02D 29/14
(11) 1042204
(47) 23.07.2018
(22) 30.12.2016
(54) Systeem voor het op maaiveldhoogte beschermen van een zich daaronder bevindende gas- of vloeistofafsluiter
(73) Romfix B.V.
(72) Paulus Schmal

(51) E04B 9/36
B32B 27/02
D21H 13/24
(11) 1042041
(47) 23.07.2018
(22) 08.09.2016
(54) Linear panel
(73) Hunter Douglas Industries B.V.
(72) Michiel Jacobus Johannes Langeveld
Lars Vejen-Jensen
(74) dr. ir. F.M. van Bouwelen
(31) 1041463
(32) 08.09.2015
(33) Netherlands

(51) E21B 34/14
E21B 34/00
E21B 23/00

(11) 2019726
(47) 23.07.2018
(22) 13.10.2017
(54) TOP-DOWN SQUEEZE SYSTEM AND METHOD
(73) HALLIBURTON ENERGY SERVICES, INC.
(72) Nicholas Lee Strohla
Matthew Ryan Gray
Daniel Keith Moeller
(74) ir. H.V. Mertens c.s.
(31) PCT/US2016/061986
(32) 15.11.2016
(33) United States of America

(51) E21B 47/01
E21B 47/12
E21B 17/00
(11) 1042671
(47) 23.07.2018
(22) 08.12.2017
(54) Distributed Sensor Systems and Methods
(62) 1042322
(73) Halliburton Energy Services, Inc.
(72) Matthew Scogin
James Flygare
Colin McKay
Aswin Balasubramanian
(74) dr. ir. F.M. van Bouwelen
(31) PCT/US16/29871
(32) 28.04.2016
(33) United States of America

(51) F16G 5/16
(11) 1042202
(47) 23.07.2018
(22) 30.12.2016
(54) METHOD FOR MANUFACTURING A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION AND A TRANSVERSE SEGMENT THUS MANUFACTURED
(73) Robert Bosch G.m.b.H.
(72) Guillaume Gerard Hubertus Rompen
(74) ir. G.A.J.M. Plevier

(51) F16G 5/16
(11) 1042203
(47) 23.07.2018
(22) 30.12.2016
(54) A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION
(73) Robert Bosch G.m.b.H.
(72) Adrianus Antonius Jacobus Maria van Treijen
(74) ir. G.A.J.M. Plevier

(51) F16G 5/16
B21D 28/00
(11) 1042210
(47) 23.07.2018
(22) 30.12.2016
(54) METHOD FOR MANUFACTURING A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION
(73) Robert Bosch G.m.b.H.
(72) Robert van den Heuvel
(74) ir. G.A.J.M. Plevier

(51) F16G 5/16
B21D 28/00
(11) 1042209
(47) 23.07.2018
(22) 30.12.2016
(54) METHOD FOR MANUFACTURING A TRANSVERSE SEGMENT FOR A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION
(73) Robert Bosch G.m.b.H.
(72) Robert van den Heuvel
Guillaume Gerard Hubertus Rompen
(74) ir. G.A.J.M. Plevier

(51) F16G 5/16
B21D 53/14
C23C 8/26
(11) 1042208
(47) 23.07.2018
(22) 30.12.2016
(54) METAL RING COMPONENT OF A DRIVE BELT FOR A CONTINUOUSLY VARIABLE TRANSMISSION AND ITS MANUFACUTRING METHOD
(73) Robert Bosch G.m.b.H.
(72) Bert Pennings
(74) ir. G.A.J.M. Plevier

(51) F16H 57/04
(11) 1042205
(47) 23.07.2018
(22) 30.12.2016
(54) METHOD FOR OPERATING A CONTINUOUSLY VARIABLE TRANSMISSION INCORPORATING A DRIVE BELT IN A MOTOR VEHICLE
(73) Robert Bosch G.m.b.H.
(72) Peter Ribbers
(74) ir. G.A.J.M. Plevier

(51) F25B 15/04
(11) 2019397
(47) 23.07.2018
(22) 07.08.2017
(54) Method for operating a sorption system having a main circuit and an additional circuit for generating cold
(73) Anno von Reth
(72) Anno von Reth
(74) ir. C.M. Jansen c.s.
(31) 10 2016 009 681.0
(32) 06.08.2016
(33) Germany

(51) G03F 7/20
H01J 37/20
H01J 37/317
(11) 2018108
(47) 23.07.2018
(22) 30.12.2016
(54) Adjustment assembly and substrate exposure system comprising such an adjustment assembly
(73) Mapper Lithography IP B.V.
(72) Jerry Johannes Martinus Peijster
(74) ir. F.A. Geurts c.s.

(51) G06F 1/32
(11) 2011612
(47) 23.07.2018
(22) 15.10.2013
(54) Application processor, mobile device having the same, and method of selecting a clock signal for an application processor.
(73) Samsung Electronics Co., Ltd
(72) Young-Pyo Joo
Taek-Kyun Shin
(74) ir. H.V. Mertens c.s.
(31) 10-2012-0116507
(32) 19.10.2012
(33) Korea (Republic)

(51) G06Q 20/40
G06Q 20/20
(11) 2019978
(47) 20.07.2018
(22) 24.11.2017
(54) Payment System with Multi-Biometric Composite Authentication and Crossvalidation
(73) Yinguo Wang
(72) Yinguo Wang
Bojun Luo
Lu Wang
Yi Chang
Yonghu Li
(74) drs. P.A. van Essen c.s.

(51) H01L 21/68
(11) 2019620
(47) 23.07.2018
(22) 25.09.2017
(54) Method and apparatus for aligning substrates on a substrate support unit
(73) MAPPER Lithography IP B.V.
(72) Bart Schipper
(74) ir. J.H. Lunshof
(31) 15/299,285
(32) 20.10.2016
(33) United States of America

NP3

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

EP1

Vertaalde conclusies van Europese octrooiaanvragen.
Contains data concerning translations of the claims of European patent applications.

EP2

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

(51) A01B 69/00
B60C 23/06
(11) EP2508057
(21) EP12152556.2
(47) 25.07.2018
(22) 26.01.2012
(54) Device and method for monitoring whether a surface can be driven on
(73) CLAAS Selbstfahrende Erntemaschinen GmbH
(72) Behnke, Willi
(31) 102011001858
(32) 07.04.2011
(33) Germany

(51) A01C 5/06
A01C 7/20
(11) EP2813133
(21) EP13746220.6
(47) 25.07.2018
(87) JP2013052598
15.08.2013
(22) 05.02.2013
(54) SEED SOWING MACHINE WITH A FURROW-OPENING MECHANISM
(73) Incorporated Administrative Agency National Agriculture And Food Research Organization
Agritecno Yazaki Co., Ltd.
(72) TACHIBANA, Yasuhiro
KAWAIDE, Tetsuo
MAEDA, Shigeyoshi
ARIYOSHI, Teruaki
(31) 2012022979
2013019486
(32) 06.02.2012
04.02.2013
(33) Japan
Japan

(51) A01C 7/04
(11) EP3125669
(21) EP15718052.2
(47) 25.07.2018
(87) US2015024489
08.10.2015
(22) 06.04.2015
(54) ROW UNIT WITH INTEGRATED PRESSURE SOURCE
(73) Kinze Manufacturing, Inc.
(72) HAHN, Dustan
WILHELMI, Matthew J.
(31) 201461975047 P
(32) 04.04.2014
(33) United States of America

(51) A01C 7/04
A01C 21/00
(11) EP2945473
(21) EP14740635.9
(47) 25.07.2018
(87) US2014012363
24.07.2014
(22) 21.01.2014
(54) AGRICULTURAL INPUT SELECTION SYSTEMS
(73) Precision Planting LLC
(72) SAUDER, Derek
SWANSON, Todd
PLATTNER, Troy
(31) 201361754944 P
(32) 21.01.2013
(33) United States of America

(51) A01D 34/64
A01D 34/66
(11) EP2825016
(21) EP12709072.8
(47) 25.07.2018
(87) EP2012054277
19.09.2013
(22) 12.03.2012
(54) CUTTING DECK LIFT SYSTEM FOR LAWN MOWER
(73) Husqvarna AB
(72) AXELSSON, Mats
HANSSON, Robin
MEJEGARD, Peter

(51) A01D 41/12
A01D 43/073
A01D 43/08
(11) EP2893797
(21) EP14195069.1
(47) 25.07.2018
(22) 27.11.2014
(54) HARVESTING DEVICE
(73) CLAAS Selbstfahrende Erntemaschinen GmbH
(72) Krause, Thilo
Kriebel, Bastian
Middelberg, René
(31) 102014100136
(32) 08.01.2014
(33) Germany

(51) A01D 41/127
G01N 21/85
G01N 33/10
G01N 21/359
(11) EP3130213
(21) EP16182935.3
(47) 25.07.2018
(22) 05.08.2016
(54) MEASURING DEVICE FOR EXAMINING HARVESTED GRAIN IN A COMBINE HARVESTER
(73) Deere & Company
(72) Kormann, Georg
Haiges, Wolfram
Boydell, Broughton C.
(31) 102015215299
(32) 11.08.2015
(33) Germany

(51) A01D 45/02
(11) EP2605636
(21) EP11754784.4
(47) 25.07.2018
(87) US2011048379
23.02.2012
(22) 19.08.2011
(54) COMBINATION DRIVEN AND IDLER SNAP ROLLS FOR CORN HEADER
(73) Agco Corporation
(72) LOHRENTZ, Randy
MATOUSEK, Robert
(31) 201061426300 P
201061426277 P
201061426263 P
201061426234 P
201061426213 P
201061426193 P
201061426167 P
201061426141 P
201061426119 P
201061426072 P
201061425935 P
201061425920 P
201061425907 P
201061425887 P
201061425836 P
201061426090 P
201061425804 P
375196 P
(32) 22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
22.12.2010
19.08.2010
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) A01D 69/08
A01D 45/02
(11) EP2756747
(21) EP13193836.7
(47) 25.07.2018
(22) 21.11.2013
(54) Attachment device for harvesting maize
(73) CLAAS Selbstfahrende Erntemaschinen GmbH
(72) Tilly, Thomas
Engler, Thomas Dennis
Albinger, Bernd
Zegota, Thomas
(31) 102013100495
(32) 18.01.2013
(33) Germany

(51) A01F 15/07
A01F 15/08
B60W 10/18
B60W 10/30
B60W 30/18
F16H 61/70
(11) EP2883440
(21) EP14196612.7
(47) 25.07.2018
(22) 05.12.2014
(54) Baler automatic stopping sequence
(73) CNH Industrial Belgium nv
(72) Brewer, Carl
Smith, Kevin M.
(31) 201314097780
(32) 05.12.2013
(33) United States of America

(51) A01G 3/053
(11) EP2554038
(21) EP12005589.2
(47) 25.07.2018
(22) 01.08.2012
(54) Cutting assembly of a hedge shear
(73) Andreas Stihl AG & Co. KG
(72) Kaupp, Klaus
(31) 102011109512
(32) 05.08.2011
(33) Germany

(51) A01G 7/04
A01G 9/26
F21V 15/01
(11) EP2278870
(21) EP09749777.0
(47) 25.07.2018
(87) EP2009055959
26.11.2009
(22) 15.05.2009
(54) METHOD AND APPARATUS FOR USING LIGHT EMITTING DIODES IN A GREENHOUSE SETTING
(73) FIONIA LIGHTING APS
(72) CHAPMAN, Kirk
RUBAEK, Thomas
ERLAND OESTERGAARD, John
HASSING, Soeren
LINDSTORFF JOHANSEN, Poul
LOENNSMAN IVERSEN, Jens Joergen
(31) 55223 P
(32) 22.05.2008
(33) United States of America

(51) A01H 1/04
B07C 5/34
G01N 21/35
(11) EP2618651
(21) EP11760457.9
(47) 25.07.2018
(87) EP2011066136
29.03.2012
(22) 16.09.2011
(54) IMPROVED METHOD FOR OBTAINING SUBSTANTIALLY PURE HYBRID CEREAL SEED AND MACHINE FOR USE THEREOF
(73) Syngenta Participations AG
Syngenta Limited
(72) BENSLEY-BROMILOW, John Charles
Battleaxe
BRUNS, Robert Fritzpatrick
MARTIN, Barry Andrew
NEUFFER, Karsten
(31) 201015791
(32) 20.09.2010
(33) United Kingdom

(51) A01H 4/00
C12N 15/05
C12N 15/29
C12N 15/82
A01H 5/10
C07K 14/415
A01H 1/04
(11) EP2640182
(21) EP11841328.5
(47) 25.07.2018
(87) AU2011001478
24.05.2012
(22) 15.11.2011
(54) DROUGHT TOLERANT PLANTS
(73) The Texas A&M University System
The State of Queensland acting through The Department of Agriculture and Fisheries
(72) BORRELL, Andrew Kennneth
JORDAN, David Robert
MULLET, John
KLEIN, Patricia
(31) 413902 P
(32) 15.11.2010
(33) United States of America

(51) A01J 5/003
A01J 5/017
A01K 1/12
(11) EP2572572
(21) EP12182864.4
(47) 25.07.2018
(22) 04.09.2012
(54) Milking device comprising a separation milk system
(73) Lely Patent N.V.
(72) Van den Berg, Karel
(31) 2007460
(32) 22.09.2011
(33) Netherlands

(51) A01J 5/017
A01J 7/04
(11) EP2838348
(21) EP12719229.2
(47) 25.07.2018
(87) US2012035363
24.10.2013
(22) 27.04.2012
(54) SYSTEM AND METHOD FOR USING ROBOTS IN CONJUNCTION WITH A ROTARY MILKING PLATFORM
(73) Technologies Holdings Corp.
(72) HOFMAN, Henk
DE RUIJTER, Cor
KOEKOEK, Menno
STEINGRABER, Gary, C.
VAN DER SLUIS, Peter, Willem
(31) 201213449951
(32) 18.04.2012
(33) United States of America

(51) A01J 5/08
A01J 5/06
(11) EP3048875
(21) EP14772022.1
(47) 25.07.2018
(87) US2014054681
02.04.2015
(22) 09.09.2014
(54) ANTI-TWIST LINER AND SHELL FOR A DAIRY ANIMAL TEAT CUP ASSEMBLY
(73) GEA Farm Technologies, Inc.
(72) HEDLUND, Nathan
THORNTON, Terry
(31) 201314039998
(32) 27.09.2013
(33) United States of America

(51) A01J 11/16
B01F 5/08
B01F 5/06
(11) EP2237658
(21) EP08871639.4
(47) 25.07.2018
(87) SE2008000688
06.08.2009
(22) 09.12.2008
(54) A HOMOGENIZER VALVE
(73) Tetra Laval Holdings & Finance S.A.
(72) MALMBERG, Rolf
VALENCUK, Jozo
(31) 0800208
(32) 29.01.2008
(33) Sweden

(51) A01J 25/06
(11) EP2584890
(21) EP11726114.9
(47) 25.07.2018
(87) EP2011059690
05.01.2012
(22) 10.06.2011
(54) APPARATUS FOR CUTTING AND/OR STIRRING CURD
(73) Tetra Laval Holdings & Finance S.A.
(72) BOERTIEN, Arend
(31) 1038072
(32) 28.06.2010
(33) Netherlands

(51) A01K 1/01
(11) EP3135105
(21) EP15475501.1
(47) 25.07.2018
(22) 26.08.2015
(54) PET WASTE DISPOSAL DEVICE
(73) Marinko, Dusan
(72) Marinko, Dusan
(31) 500812015 U
(32) 25.08.2015

(33) Slovakia
(51) A01K 61/00
A01K 63/04
(11) EP2953451
(21) EP14748493.5
(47) 25.07.2018
(87) NO2014050019
14.08.2014
(22) 05.02.2014
(54) OUTLET BASIN FOR A FISH PEN
(73) Akvadesign AS
(72) NÆSS, Anders
(31) 20130210
20130612
(32) 05.02.2013
06.05.2013
(33) Norway
Norway

(51) A01K 89/01
(11) EP2805614
(21) EP14165030.9
(47) 25.07.2018
(22) 16.04.2014
(54) Spinning reel
(73) SHIMANO INC.
(72) Matsuo, Shingo
Kitajima, Keigo
(31) 2013107173
(32) 21.05.2013
(33) Japan

(51) A01M 1/02
A01M 1/20
A01M 1/10
(11) EP2944191
(21) EP13870653.6
(47) 25.07.2018
(87) JP2013084898
17.07.2014
(22) 26.12.2013
(54) FLYING INSECT PEST TRAP
(73) DAINIHON JOCHUGIKU CO., LTD.
(72) KOYAMA, Hironori
ONO, Taiji
HIKITSUCHI, Tomoyuki
KANZAKI, Tsutomu
NAKAYAMA, Koji
(31) 2013003190
(32) 11.01.2013
(33) Japan

(51) A01M 29/08
B32B 5/14
B23K 26/36
B32B 27/36
B32B 17/10
(11) EP2945480
(21) EP14700876.7
(47) 25.07.2018
(87) EP2014050810
24.07.2014
(22) 16.01.2014
(54) BIRD PROTECTION GLAZING
(73) Covestro Deutschland AG
(72) KUHLMANN, Timo
ERKELENZ, Michael
BRAL, Emmanuel
(31) 13151893
(32) 18.01.2013
(33) European Patent Office (EPO)

(51) A01N 1/02
C12N 5/077
(11) EP2908630
(21) EP13786792.5
(47) 25.07.2018
(87) US2013065666
24.04.2014
(22) 18.10.2013
(54) PRESERVATION OF BIOMATERIAL PROPERTIES AND METHODS OF STORING
(73) Lifeline Scientific, Inc.
(72) BROCKBANK, Kelvin G.M.
(31) 201261715576 P
(32) 18.10.2012
(33) United States of America

(51) A01N 3/00
A01H 4/00
C12N 5/00
C12N 5/04
C12Q 1/68
(11) EP3185681
(21) EP15730602.8
(47) 25.07.2018
(87) US2015034129
03.03.2016
(22) 04.06.2015
(54) PLANT EMBRYO STORAGE AND MANIPULATION
(73) Pioneer Hi-Bred International, Inc.
(72) ARNOLD, Randal
COPE, Matthew Paul
SCHARES, Justin Andrew
YUN, Yue
(31) 201414473183
(32) 29.08.2014
(33) United States of America

(51) A01N 25/02
A01N 25/04
A01N 59/20
A01N 57/20
A01N 47/36
A01N 43/653
A01N 53/08
A01N 37/34
A01P 3/00
A01P 7/00
A01P 13/00
(11) EP2637504
(21) EP11839738.9
(47) 25.07.2018
(87) US2011001888
18.05.2012
(22) 10.11.2011
(54) AGRICULTURAL PESTICIDE COMPOSITIONS
(73) Rhodia Operations
(72) WU, Dan
SHANMUGANANDAMURTHY, Krishnamurthy
GOYAL, Rajesh
BRAMATI, Valerio
(31) 456776 P
(32) 12.11.2010
(33) United States of America

(51) A01N 25/28
A01N 25/02
A01N 25/04
A01N 25/30
A01N 33/18
A01N 33/22
A01N 37/20
A01N 37/26
A01N 53/00
A01N 43/653
A01N 43/54
A01N 43/58
A01N 43/50
A01N 57/16
A01N 51/00
(11) EP2161991
(21) EP08759357.0
(47) 25.07.2018
(87) EP2008005271
31.12.2008
(22) 27.06.2008
(54) A METHOD FOR MODULATING THE RELEASE RATE OF MICROENCAPSULATED ACTIVE INGREDIENTS
(73) ENDURA S.p.A.
Sipcam S.p.A.
(72) GOBBI, Carlotta
BASSETTI, Lucio
BORZATTA, Valerio
BERNARDINI, Marco
BORGO, Francesca
CAPUZZI, Luigi
(31) MI20071289
(32) 28.06.2007
(33) Italy

(51) A01N 33/12
A61L 15/46
A61L 2/232
A61L 2/18
(11) EP1937418
(21) EP06802188.0
(47) 25.07.2018
(87) US2006032955
01.03.2007
(22) 22.08.2006
(54) METHOD OF ATTACHING AN ANTIMICROBIAL CATIONIC POLYELECTROLYTE TO THE SURFACE OF SUBSTRATE
(73) Quick-Med Technologies, Inc.
University of Florida Research Foundation, Inc.
(72) TOREKI, William
LIESENFELD, Bernd
MOORE, David
LEANDER, Susan
BATICH, Christopher
(31) 710127 P
(32) 22.08.2005
(33) United States of America

(51) A01N 43/40
A01N 39/02
A01N 33/22
A01N 37/22
A01N 43/80
A01N 37/26
A01N 47/30
A01P 15/00
A01P 13/00

(11) EP3028571
(21) EP15197171.0
(47) 25.07.2018
(22) 01.12.2015
(54) METHOD AND ACTIVE COMPOSITION FOR COMBATING NEOPHYTES
(73) GrünLive GmbH
(72) Peier, Siegfried
(31) 18482014
(32) 02.12.2014
(33) Switzerland

(51) A01N 43/40
A01P 13/00
A01N 37/18
(11) EP2947988
(21) EP14743673.7
(47) 25.07.2018
(87) US2014012913
31.07.2014
(22) 24.01.2014
(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID
(73) Dow AgroSciences LLC
(72) SATCHIVI, Norbert, M.
WEIMER, Monte, R.
(31) 201361756903 P
(32) 25.01.2013
(33) United States of America

(51) A01N 43/40
C07C 25/13
C07D 213/79
A01N 43/08
A01N 43/82
A01P 13/00
(11) EP2934139
(21) EP13864878.7
(47) 25.07.2018
(87) US2013076439
26.06.2014
(22) 19.12.2013
(54) HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID AND FLURTAMONE
(73) Dow AgroSciences LLC
(72) BANGEL, Bryston L.
SATCHIVI, Norbert M.
(31) 201261745044 P
(32) 21.12.2012
(33) United States of America

(51) A01N 43/80
A01N 51/00
A01N 53/00
A01N 47/30
A01N 37/38
A01N 47/40
A01N 43/40
A01N 43/86
A01P 5/00
A01P 7/02
A01P 7/04
A01P 9/00
(11) EP2713735
(21) EP12724619.7
(47) 25.07.2018
(87) EP2012060126
06.12.2012
(22) 30.05.2012
(54) PESTICIDAL MIXTURES INCLUDING ISOXAZOLINE DERIVATIVES
(73) Syngenta Participations AG
(72) EL QACEMI, Myriem
CASSAYRE, Jérôme Yves
(31) 11168218
(32) 31.05.2011
(33) European Patent Office (EPO)

(51) A01N 59/16
A61L 24/00
A61L 24/06
A61L 27/34
A61L 27/54
(11) EP2654429
(21) EP11758380.7
(47) 25.07.2018
(87) EP2011004211
28.06.2012
(22) 22.08.2011
(54) PROCESS FOR PREPARING A SILVER NANOPARTICLES CONTAINING DISPERSION AND USE OF SILVER NANOPARTICLES CONTAINING MIXTURE AS COATING
(73) aap Implantate AG
(72) NUSKO, Robert
MAIER, Georg
DINGELDEIN, Elvira
WOLFSTÄDTER, Marco
(31) PCT/DE2010/075165
(32) 21.12.2010
(33) World Intellectual Property Office (WIPO)

(51) A01P 1/00
A01N 25/08
A01N 59/16
A61K 33/24
B82B 3/00
B82Y 30/00
A61K 47/69
(11) EP2863751
(21) EP13735469.2
(47) 25.07.2018
(87) SI2013000025
19.12.2013
(22) 08.05.2013
(54) FUNCTIONALIZED HYDROXYAPATITE/GOLD COMPOSITES AS "GREEN" MATERIALS WITH ANTIBACTERIAL ACTIVITY AND THE PROCESS FOR PREPARING AND USE THEREOF
(73) Institut "Jozef Stefan"
(72) VUKOMANOVIC, Marija
SKAPIN, Sreco Davor
SUVOROV, Danilo
(31) 201200204
(32) 15.06.2012
(33) Slovenia

(51) A21C 15/00
(11) EP3139748
(21) EP15722983.2
(47) 25.07.2018
(87) EP2015059938
12.11.2015
(22) 06.05.2015
(54) INTERCHANGEABLE CREAM-SPREADING HEAD
(73) Haas Food Equipment GmbH
(72) BUCZOLITS, Peter
HAAS, Johannes
HAAS, Josef
JIRASCHEK, Stefan
REITHNER, Jürgen
SCHIESSBÜHL, Leopold
SCHUHLEITNER, Gerhard
(31) 3362014
(32) 07.05.2014
(33) Austria

(51) A21D 2/26
A21D 2/18
A21D 2/36
A21D 13/02
(11) EP2939542
(21) EP13867023.7
(47) 25.07.2018
(87) JP2013084994
03.07.2014
(22) 26.12.2013
(54) BAKED CONFECTIONERY
(73) Kao Corporation
(72) SATO, Mioto
AOYAMA, Hiroshi
(31) 2012287291
(32) 28.12.2012
(33) Japan

(51) A22C 11/02
(11) EP2798961
(21) EP14166669.3
(47) 25.07.2018
(22) 30.04.2014
(54) Device for producing a string of sausages
(73) VEMAG Maschinenbau GmbH
(72) Thelen, Christoph
Meininger, Thorsten
(31) 202013004093 U
(32) 03.05.2013
(33) Germany

(51) A23C 1/10
A23C 1/12
A23C 3/033
A23C 9/18
A23C 13/12
A23C 21/00
A23L 3/40
A23G 1/46
A23C 1/01
A23C 1/16
A23C 21/08
(11) EP2946669
(21) EP14168880.4
(47) 25.07.2018
(22) 19.05.2014
(54) Milk powder with improved sensoric properties
(73) DMK Deutsches Milchkontor GmbH
(72) Diekhaus, Martin

(51) A23C 9/12
A23C 9/142
A23C 21/02
(11) EP2907393
(21) EP14155481.6
(47) 25.07.2018

(22) 17.02.2014
(54) Milk products free of lactose
(73) DMK Deutsches Milchkontor GmbH
(72) Döring, Sven-Rainer

(51) A23C 11/04
A23C 17/00
(11) EP2749172
(21) EP14161513.8
(47) 25.07.2018
(22) 14.02.2011
(54) Filled milk product comprising solids of sweet buttermilk
(73) Arla Foods Amba
(72) KIERBYE, Ida
TOFT, Jacob Randeris
(31) 303776 P
201070541
(32) 12.02.2010
10.12.2010
(33) United States of America
Denmark

(51) A23G 3/02
A23G 1/18
A23G 1/46
A23G 1/00
(11) EP3085241
(21) EP16020271.9
(47) 25.07.2018
(22) 15.07.2016
(54) TEMPERING APPARATUS FOR CHOCOLATE AND CREME MASS
(73) Aasted ApS
(72) Holmud, Dennis

(51) A23G 9/06
A23G 9/24
A23G 9/48
(11) EP2875734
(21) EP14193604.7
(47) 25.07.2018
(22) 18.11.2014
(54) Device and method for producing ice cream
(73) Messer Slovenija d.o.o.
(72) Sibila, Dejan
(31) 102013019500
(32) 21.11.2013
(33) Germany

(51) A23J 1/00
A23J 1/10
(11) EP3192377
(21) EP16151355.1
(47) 25.07.2018
(22) 14.01.2016
(54) METHOD FOR PRODUCING PARTLY HYDROLYZED KERATINACEOUS MATERIAL
(73) Tessenderlo Group NV/SA
(72) BELMANS, Marc
DELMOTTE, Matthieu
ROGIERS, Joeri
LOUSSOUARN, Vincent
FILLIÈRES, Romain

(51) A23J 3/16
A23C 11/10
A23L 11/00
(11) EP3167722
(21) EP16195745.1
(47) 25.07.2018
(22) 26.10.2016
(54) METHOD TO PRODUCE SOY-BASED FOOD PRODUCTS WITH IMPROVED TASTE CHARACTERISTICS USING HIGH-PROTEIN SOYBEANS
(73) Whitewave Services Inc.
(72) BRINGE, Neal Allan
(31) 201514942480
(32) 16.11.2015
(33) United States of America

(51) A23K 10/26
A23K 10/14
A23K 50/42
A23K 40/00
(11) EP2510809
(21) EP12163829.0
(47) 25.07.2018
(22) 12.04.2012
(54) Degradable animal chew toy and method of making same
(73) IAMS Europe B.V.
(72) Mendal, Isaac
Urbina, Augusto
(31) 201161475744 P
(32) 15.04.2011
(33) United States of America

(51) A23K 40/00
A23K 40/10
A23K 20/147
A23K 20/142
A23K 20/158
A23K 20/163
A23K 50/10
A23K 20/10
(11) EP2809177
(21) EP13707421.7
(47) 25.07.2018
(87) FI2013000005
08.08.2013
(22) 31.01.2013
(54) RUMINANT FEED ENHANCING ENERGY METABOLISM IN MILK PRODUCTION
(72) HOLMA, Merja
(31) 20120031
12397519
(32) 31.01.2012
20.06.2012
(33) Finland
European Patent Office (EPO)

(51) A23L 15/00
A23L 35/00
A23L 3/015
A23D 7/00
A23D 7/005
A23D 7/01
(11) EP2995203
(21) EP15182101.4
(47) 25.07.2018
(22) 24.08.2015
(54) EGG SPREAD AND METHOD FOR PRODUCING IT
(73) Munax Oy
(72) Torikka, Janne
Mäkelä, Emma
(31) 20145739
(32) 26.08.2014
(33) Finland

(51) A23L 27/30
(11) EP3177156
(21) EP15752970.2
(47) 25.07.2018
(87) EP2015067907
11.02.2016
(22) 04.08.2015
(54) SWEETENER COMPOSITIONS
(73) Givaudan S.A.
(72) AUGELLI, Jenifer
FURRER, Stefan
VAN OMMEREN, Esther
UNGUREANU, Ioana Maria
(31) 201462033314 P
(32) 05.08.2014
(33) United States of America

(51) A23L 33/135
A23L 33/21
A61K 35/74
C12R 1/01
A21D 13/02
A21D 13/04
A23L 7/117
(11) EP3016527
(21) EP14808269.6
(47) 25.07.2018
(87) SE2014050650
11.12.2014
(22) 27.05.2014
(54) TREATMENT OF OBESITY, THE METABOLIC SYNDROME, TYPE 2 DIABETES, CARDIOVASCULAR DISEASES, DEMENTIA, ALZHEIMER'S DISEASE AND INFLAMMATORY BOWEL DISEASE BY USING AT LEAST ONE BACTERIAL STRAIN FROM PREVOTELLA
(73) Proprev AB
(72) BJÖRCK, Inger
NILSSON, Anne
BÄCKHED, Fredrick
KOVATCHEVA-DATCHARY, Petia
(31) 1350675
(32) 03.06.2013
(33) Sweden

(51) A23L 35/00
A21D 2/18
A21D 10/00
A21D 13/00
A23L 29/262
(11) EP3081098
(21) EP14869810.3
(47) 25.07.2018
(87) JP2014082930
18.06.2015
(22) 12.12.2014
(54) TAKOYAKI-MISCHUNG
(73) Nisshin Foods Inc.
(72) WATANABE, Takenori
MAKIO, Tomoharu
KAWATA, Kanako
(31) 2013258429
(32) 13.12.2013
(33) Japan

(51) A23P 10/28
A23L 27/30
(11) EP2308321
(21) EP10179077.2

(47) 25.07.2018
(22) 23.09.2010
(54) Method for producing sweetening compositions
(73) Valsoia S.p.A
(72) Giovannone, Daniele
De Angelis, Carlo
Vallini, Veronica
(31) BO20090608
(32) 23.09.2009
(33) Italy

(51) A24B 3/14
A24B 15/14
(11) EP3154379
(21) EP15722703.4
(47) 25.07.2018
(87) EP2015060268
23.12.2015
(22) 08.05.2015
(54) REINFORCED WEB OF RECONSTITUTED TOBACCO
(73) Philip Morris Products S.A.
(72) BATISTA, Rui Nuno
(31) 14172610
(32) 16.06.2014
(33) European Patent Office (EPO)

(51) A24B 13/00
A24B 15/16
(11) EP2804498
(21) EP13703934.3
(47) 25.07.2018
(87) US2013022204
25.07.2013
(22) 18.01.2013
(54) ORAL PRODUCT
(73) Altria Client Services LLC
(72) GAO, Feng
ATCHLEY, Frank Scott
GRISCIK, Gregory
DINOVI, Christopher Joseph
HULAN, Phillip M.
(31) 201261588890 P
(32) 20.01.2012
(33) United States of America

(51) A24D 3/02
A24D 3/04
(11) EP2498629
(21) EP10779568.4
(47) 25.07.2018
(87) GB2010002084
19.05.2011
(22) 11.11.2010
(54) TOBACCO SMOKE FILTER
(73) Filtrona Filter Products Development Co. Pte. Ltd
(72) TREADAWAY, Ann, R.
REED, James, D.
LONGLEY-MARTINES, Stephen
(31) 260509 P
0920397
(32) 12.11.2009
20.11.2009
(33) United States of America
United Kingdom

(51) A24F 1/30
A24F 47/00
(11) EP2858520
(21) EP13800267.0
(47) 25.07.2018
(87) US2013044380
12.12.2013
(22) 05.06.2013
(54) HOOKAH HEAT MANAGEMENT ACCESSORY
(73) Kaloud, Inc.
(72) BAVAR, Reza
(31) 201213489475
(32) 06.06.2012
(33) United States of America

(51) A41D 1/06
A41D 27/24
D06L 1/12
D06M 15/227
D06M 15/564
(11) EP3009020
(21) EP14398010.0
(47) 25.07.2018
(22) 17.10.2014
(54) GARMENT AND MANUFACTURING METHOD
(73) COFEMEL - Sociedade de Vestuário S.A.
(72) Costa Carneiro, Beatriz Vila Nova Azevedo

(51) A41D 19/00
A41D 27/10
(11) EP2992770
(21) EP15181787.1
(47) 25.07.2018
(22) 20.08.2015
(54) GLOVE
(73) Bach, Christian
(72) Bach, Christian
(31) 102014112410
(32) 29.08.2014
(33) Germany

(51) A41G 5/00
A44C 25/00
A45D 8/34
(11) EP2916683
(21) EP13853441.7
(47) 25.07.2018
(87) US2013069693
15.05.2014
(22) 12.11.2013
(54) APPARATUS FOR HOLDING, SECURING AND STYLING HAIR
(73) LJL, INC.
(72) SONSTEGARD, Lois, J.
STODOLA, George
(31) 201261725228 P
(32) 12.11.2012
(33) United States of America

(51) A42B 3/22
(11) EP3170415
(21) EP16171983.6
(47) 25.07.2018
(22) 30.05.2016
(54) HELMET
(73) HJC Corp.
(72) Lee, Yun-Haeng
(31) 20150161663
(32) 18.11.2015
(33) Korea (Republic)

(51) A43B 1/00
A43B 13/12
A43B 13/18
A43B 13/04
(11) EP2967185
(21) EP14720396.2
(47) 25.07.2018
(87) US2014028978
18.09.2014
(22) 14.03.2014
(54) SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING LIGHTWEIGHT MIDSOLE MEMBERS WITH PROTECTIVE ELEMENTS
(73) NIKE Innovate C.V.
(72) DOJAN, Frederick J.
HOLMES, Matthew J.
LINDNER, Troy C.
NETHONGKOME, Benjamin
THOMPSON, Dolores S.
(31) 201313835715
201313838051
201313837967
(32) 15.03.2013
15.03.2013
15.03.2013
(33) United States of America
United States of America
United States of America

(51) A43B 13/04
A43B 13/12
A43B 13/14
A43B 13/16
A43B 13/18
A43B 23/02
(11) EP2892378
(21) EP13765570.0
(47) 25.07.2018
(87) US2013058280
13.03.2014
(22) 05.09.2013
(54) SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING A LIGHTWEIGHT MIDSOLE WITH SEGMENTED PROTECTIVE ELEMENTS
(73) NIKE Innovate C.V.
(72) ADEAGBO, Simidele A.
GROVER, Chad C.
SHYLLON, Tamimu A.
HOFFER, Kevin W.
HOLMES, Matthew J.
(31) 201213605681
(32) 06.09.2012
(33) United States of America

(51) A43B 13/14
A43B 7/14
A43B 7/26
A43B 7/28
A43B 13/38
A43B 17/00
A43B 7/30
(11) EP2641495
(21) EP11840895.4
(47) 25.07.2018
(87) JP2011053490
24.05.2012
(22) 18.02.2011
(54) FOOTWEAR
(73) Takayama, Masatoshi
(72) Takayama, Masatoshi
(31) 2010259047

(32) 19.11.2010
(33) Japan

(51) A43B 13/18
A43B 7/24
(11) EP2649897
(21) EP13168977.0
(47) 25.07.2018
(22) 22.06.2007
(54) Impact-attenuation systems for articles of footwear and other foot-receiving devices
(73) NIKE Innovate C.V.
(72) Aveni, Michael
Smaldone, Patricia
Fagergren, Fred
(31) 459087
(32) 21.07.2006
(33) United States of America

(51) A43B 13/18
A43B 13/20
A43B 7/14
A43B 17/03
B29C 49/00
B29C 49/02
B29C 51/02
B29D 35/12
B29L 31/50
(11) EP2644048
(21) EP13169555.3
(47) 25.07.2018
(22) 14.08.2007
(54) Footwear with a sole structure incorporating a lobed fluid-filled structure
(73) NIKE Innovate C.V.
(72) Swigart, John
Schindler, Eric
(31) 508113
(32) 22.08.2006
(33) United States of America

(51) A43B 23/02
B29D 35/00
D04B 1/22
A43B 1/04
(11) EP3037012
(21) EP14838533.9
(47) 25.07.2018
(87) JP2014069763
26.02.2015
(22) 25.07.2014
(54) SHOE UPPER AND SHOE UPPER MANUFACTURING METHOD
(73) Shima Seiki Mfg., Ltd.
(72) IKENAKA, Masamitsu
TERAI, Kenta
(31) 2013173924
(32) 23.08.2013
(33) Japan

(51) A44B 11/25
A45C 13/10
A45F 3/00
A44B 11/00
A45F 3/04
A45F 3/14
A45F 3/16
(11) EP3183986
(21) EP16195029.0
(47) 25.07.2018
(22) 21.10.2016
(54) BUCKLE FOR CHEST STRAP OF KNAPSACK
(73) Paik, Jisook
(72) Paik, Jisook
(31) 20150183422
(32) 22.12.2015
(33) Korea (Republic)

(51) A45B 17/00
A45B 23/00
E04H 15/60
F16M 11/20
(11) EP3066947
(21) EP16159533.5
(47) 25.07.2018
(22) 09.03.2016
(54) SUN AND WEATHER PROTECTION DEVICE
(73) GLATZ AG
(72) Glatz, Gustav Adolf
Kaufmann, Ernst
(31) 202015001957 U
(32) 13.03.2015
(33) Germany

(51) A45C 5/03
A45C 5/14
A45C 13/02
A45C 5/02
A45C 13/04
(11) EP2779858
(21) EP12756716.2
(47) 25.07.2018
(87) EP2012067502
23.05.2013
(22) 07.09.2012
(54) LUGGAGE FRAME
(73) Samsonite IP Holdings S.à.r.l.
(72) YONENO, Kenzo
MEERSSCHAERT, Reinhard
(31) 201161560109 P
(32) 15.11.2011
(33) United States of America

(51) A45D 33/12
A45D 40/26
A45D 34/04
(11) EP2802235
(21) EP12797718.9
(47) 25.07.2018
(87) EP2012004985
18.07.2013
(22) 03.12.2012
(54) PLASTIC CONTAINER FOR A ROLL-ON
(73) Alpla Werke Alwin Lehner GmbH & Co. KG
(72) KÜNZ, Johann
(31) 532012
(32) 11.01.2012
(33) Switzerland

(51) A45D 44/08
A41F 1/00
(11) EP3222166
(21) EP16183552.5
(47) 25.07.2018
(22) 10.08.2016
(54) HAIRDRESSING CAPE
(73) Wako Clothing Co., Ltd.
(72) MATSUDA, Ken'ichi
(31) 2015247745
(32) 18.12.2015
(33) Japan

(51) A46B 9/04
A61C 17/02
(11) EP2995220
(21) EP15189737.8
(47) 25.07.2018
(22) 15.09.2010
(54) METHOD OF MAKING ORAL CARE PRODUCTS
(73) The Gillette Company LLC
(72) Meadows, Mark Stephen
de Castro, Jose Tadeo Vergara
Farrell, Mark Edward
Brown, William Ralph
Borges, Eric V.
Yu, Long Sheng
(31) 559663
(32) 15.09.2009
(33) United States of America

(51) A46D 1/00
(11) EP3154396
(21) EP15744996.8
(47) 25.07.2018
(87) US2015033493
17.12.2015
(22) 01.06.2015
(54) FILAMENT HAVING UNIQUE TIP AND SURFACE CHARACTERISTICS
(73) The Procter & Gamble Company
(72) CHAN, John, Geoffrey
WEN, Cathy
RENO, Elizabeth Ann, Brown
CARSON, John, Kit
MAO, Xiaole
(31) 201414301667
(32) 11.06.2014
(33) United States of America

(51) A46D 1/00
A01N 33/12
A01N 37/10
A01P 3/00
A46B 15/00
(11) EP2215924
(21) EP09716246.5
(47) 25.07.2018
(87) JP2009053911
11.09.2009
(22) 03.03.2009
(54) ANTIBACTERIAL APPLICATOR FOR MAKE-UP
(73) Nakamura, Kenji
Nakamura, Koji
(72) NAKAMURA, Kenji
(31) 2008051759
(32) 03.03.2008
(33) Japan

(51) A47B 9/04
A47B 9/20
(11) EP3189748
(21) EP16157402.5
(47) 25.07.2018
(22) 25.02.2016
(54) HEIGHT ADJUSTABLE FRAME PARTS FOR A PIECE OF FURNITURE, IN PARTICULAR A HEIGHT-ADJUSTABLE TABLE LEG, AND HEIGHT-ADJUSTABLE SINGLE OR MULTI-COLUMN TABLE FRAME

(73) Oelschläger Metalltechnik GmbH
(31) 202016100040 U
(32) 06.01.2016
(33) Germany

(51) A47B 21/06
(11) EP2806765
(21) EP13707925.7
(47) 25.07.2018
(87) IL2013000006
01.08.2013
(22) 20.01.2013
(54) REDUCED PROFILE POP-UP ELECTRICAL RECEPTACLE ASSEMBLY
(73) Kramer Electronics Ltd.
(72) KRAMER, Joseph
(31) 21781012
(32) 29.01.2012
(33) Israel

(51) A47B 47/03
A47B 67/04
E05B 65/44
A47F 10/00
(11) EP3106065
(21) EP16157825.7
(47) 25.07.2018
(22) 29.02.2016
(54) PIECE OF FURNITURE WITH AN INTERIOR PROTECTED AGAINST UNAUTHORISED ACCESS
(73) Gebr. Willach GmbH
(72) Schmidt, Klaus-Dieter
Willach, Dr. Jens
(31) 102015210956
(32) 15.06.2015
(33) Germany

(51) A47B 88/463
E05C 19/02
E05F 1/16
(11) EP3132716
(21) EP16183505.3
(47) 25.07.2018
(22) 10.08.2016
(54) DEVICE FOR MOVING A MOVABLE PIECE OF FURNITURE AND PIECE OF FURNITURE
(73) Grass GmbH
(72) Albrecht, Markus
Baur, Stefan
(31) 202015104439 U
(32) 21.08.2015
(33) Germany

(51) A47B 88/49
H05K 7/14
(11) EP3189750
(21) EP16194114.1
(47) 25.07.2018
(22) 17.10.2016
(54) SLIDE RAIL ASSEMBLY
(73) King Slide Technology Co., Ltd.
King Slide Works Co., Ltd.
(72) CHEN, Ken-Ching
YANG, Shun-Ho
HUANG, Chien-Li
WANG, Chun-Chiang
(31) 105100358
105117125
(32) 06.01.2016
31.05.2016
(33) Taiwan, Province of China
Taiwan, Province of China

(51) A47B 88/493
(11) EP3054812
(21) EP14786144.7
(47) 25.07.2018
(87) EP2014071000
16.04.2015
(22) 01.10.2014
(54) PULL-OUT GUIDE FOR MOVABLE FURNITURE PARTS
(73) Paul Hettich GmbH & Co. KG
(72) KÄTHLER, Andreas
MEYER, Bernd
(31) 102013111076
(32) 07.10.2013
(33) Germany

(51) A47B 96/02
(11) EP2816931
(21) EP13713937.4
(47) 25.07.2018
(87) FR2013050371
29.08.2013
(22) 22.02.2013
(54) DEVICE FOR MOUNTING CORNICES OR SHELVES
(73) Gandolphe, Christophe
(72) Gandolphe, Christophe
(31) 1251626
(32) 22.02.2012
(33) France

(51) A47B 96/02
A47B 96/06
F25D 25/02
(11) EP2844108
(21) EP13717481.9
(47) 25.07.2018
(87) EP2013057678
07.11.2013
(22) 12.04.2013
(54) HOLDING DEVICE FOR A SUPPORTING ELEMENT OF A CABINET, SUCH AS A REFRIGERATOR, A FREEZER OR A CABINET FOR STORING WINE
(73) Miele & Cie. KG
Liebherr-Hausgeräte Ochsenhausen GmbH
(72) BADER, Winfried
PLACKE, Frank
KNOBLOCH, Guntram
(31) 102012103915
(32) 04.05.2012
(33) Germany

(51) A47B 96/06
F16B 5/07
A47K 5/02
A47K 3/28
A47J 45/02
A47G 1/17
(11) EP2931083
(21) EP13865910.7
(47) 25.07.2018
(87) US2013073715
26.06.2014
(22) 06.12.2013
(54) WALL MOUNTABLE STORAGE ASSEMBLY WITH ARTICULATING CONNECTION
(73) 3M Innovative Properties Company
(72) THOMPSON, Craig D.
(31) 201213717340
(32) 17.12.2012
(33) United States of America

(51) A47C 4/24
(11) EP3189751
(21) EP16204820.1
(47) 25.07.2018
(22) 16.12.2016
(54) A FOLDING CHAIR
(73) Pro-Cord S.p.A.
(72) PIRETTI, Giancarlo
(31) UB20159640
(32) 22.12.2015
(33) Italy

(51) A47C 7/74
B60N 2/56
B60N 2/00
B60R 21/015
B62J 33/00
B62J 1/00
B62J 27/00
G08B 25/01
(11) EP2897496
(21) EP13760019.3
(47) 25.07.2018
(87) EP2013068460
27.03.2014
(22) 06.09.2013
(54) ASSISTANCE SYSTEM
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) MEISSNER, Maximilian
PURSCHWITZ, Arne
RIETSCHEL, Udo
(31) 102012217140
(32) 24.09.2012
(33) Germany

(51) A47G 9/10
A61M 21/02
H04R 25/00
G10K 11/175
A61M 21/00
H04R 1/02
(11) EP2757923
(21) EP12833083.4
(47) 25.07.2018
(87) US2012056360
28.03.2013
(22) 20.09.2012
(54) SOUND PILLOW SLEEP SYSTEM
(73) Armbruster Enterprises, Inc.
(72) ARMBRUSTER, Robert, Scott
(31) 201161538430 P
(32) 23.09.2011
(33) United States of America

(51) A47J 19/02
(11) EP2777448
(21) EP14160283.9
(47) 25.07.2018
(22) 17.03.2014
(54) High performance adjustable juicer with whole foods feed chute
(73) Whirlpool Corporation
(72) Conti, Michael P.
Kettle, Everett Sidney
Lownds, Zachary A.
Norland, Leif A.

Robertson, Mitchell L.
(31) 201361792945 P
201414210770
(32) 15.03.2013
14.03.2014
(33) United States of America
United States of America

(51) A47J 31/06
A47J 31/10
A47J 31/24
(11) EP3054822
(21) EP14852875.5
(47) 25.07.2018
(87) AU2014000959
16.04.2015
(22) 08.10.2014
(54) ADJUSTABLE PORTAFILTER AND GRIND ADJUSTMENT
(73) Breville PTY Limited
(72) GRASSIA, Robert
(31) 2013903860
(32) 08.10.2013
(33) Australia

(51) A47J 31/36
(11) EP3166451
(21) EP15728470.4
(47) 25.07.2018
(87) EP2015062360
14.01.2016
(22) 03.06.2015
(54) APPARATUS AND METHOD FOR PREPARING A BREWED BEVERAGE
(73) Melitta Single Portions GmbH & Co. KG
(72) HESSELBROCK, Katrin
NEUHAUS, Sven
PAHNKE, Jan
SCHANDL, Gerold
KÖHLER, Robert
UNGERER, Markus
WEBER, Thomas
(31) 102014109760
(32) 11.07.2014
(33) Germany

(51) A47J 31/40
A47J 31/42
(11) EP3157396
(21) EP15731292.7
(47) 25.07.2018
(87) EP2015063850
23.12.2015
(22) 19.06.2015
(54) BEVERAGE PREPARATION MACHINE WITH REFILLABLE MULTI-DOSE CONTAINER
(73) Nestec S.A.
(72) PAILLARD, Olivier
MIEVILLE, Yann
BUTSCHER, Silvio
DELACRETAZ, Charles-Henri
(31) 14173268
(32) 20.06.2014
(33) European Patent Office (EPO)

(51) A47J 37/07
(11) EP2850981
(21) EP13186730.1
(47) 25.07.2018
(22) 30.09.2013
(54) Barbecue grill with multifunction
(73) Lien, Hung Mei
Barbeques Galore (Aust) Pty Limited
(72) Lin, Chih Jen
(31) 201320579092 U
(32) 18.09.2013
(33) China

(51) A47K 10/48
(11) EP1912551
(21) EP06755633.2
(47) 25.07.2018
(87) GB2006002347
08.02.2007
(22) 26.06.2006
(54) HAND DRYER
(73) Dyson Technology Limited
(72) DYSON, James
GAMMACK, Peter
(31) 0515749
0600879
(32) 30.07.2005
17.01.2006
(33) United Kingdom
United Kingdom

(51) A47L 5/36
A47L 9/28
A47L 9/00
G02B 26/00
(11) EP3210511
(21) EP17157679.6
(47) 25.07.2018
(22) 23.02.2017
(54) VACUUM CLEANER AND METHOD OF DISPLAYING STATE THEREOF
(73) LG Electronics Inc.
(72) SON, Jungkyu
NAM, Bohyun
PARK, Jaeyong
BAE, Sehwan
(31) 20160024022
20160036257
(32) 29.02.2016
25.03.2016
(33) Korea (Republic)
Korea (Republic)

(51) A47L 9/00
A47L 9/04
(11) EP2753223
(21) EP12751601.1
(47) 25.07.2018
(87) GB2012052061
14.03.2013
(22) 22.08.2012
(54) AUTONOMOUS SURFACE TREATING APPLIANCE
(73) Dyson Technology Limited
(72) VANDERSTEGEN-DRAKE, Mark
DYSON, James
GAMMACK, Peter
(31) 201115608
(32) 09.09.2011
(33) United Kingdom

(51) A47L 9/14
(11) EP2793674
(21) EP12801742.3
(47) 25.07.2018
(87) EP2012075785
27.06.2013
(22) 17.12.2012
(54) HOLDING PLATE
(73) Eurofilters N.V.
(72) SCHULTINK, Jan
SAUER, Ralf
(31) 11010202
(32) 22.12.2011
(33) European Patent Office (EPO)

(51) A47L 9/16
(11) EP3005924
(21) EP15157820.0
(47) 25.07.2018
(22) 05.03.2015
(54) Dust collector for vacuum cleaner
(73) LG Electronics Inc.
(72) Hyun, Kietak
Lee, Seungyeop
Ahn, Hyukjin
(31) 20140135226
(32) 07.10.2014
(33) Korea (Republic)

(51) A47L 11/40
(11) EP2753225
(21) EP12751598.9
(47) 25.07.2018
(87) GB2012052058
14.03.2013
(22) 22.08.2012
(54) AUTONOMOUS SURFACE TREATING APPLIANCE
(73) Dyson Technology Limited
(72) DYSON, James
GAMMACK, Peter
VANDERSTEGEN-DRAKE, Mark
BOTT, Paul
(31) 201115603
(32) 09.09.2011
(33) United Kingdom

(51) A47L 15/24
A47L 15/42
A47L 15/00
(11) EP2311362
(21) EP10013634.0
(47) 25.07.2018
(22) 14.10.2010
(54) Method and device for controlling the temperature of a rinsing process
(73) MEIKO Maschinenbau GmbH & Co. KG
(72) Heppner, Jürgen
Kupetz, Joachim
Peukert, Thomas, Dr.
Zapf, Dietmar
(31) 102009049343
102009053639
(32) 14.10.2009
17.11.2009
(33) Germany
Germany

(51) A47L 15/44
(11) EP3187091
(21) EP16199224.3
(47) 25.07.2018
(22) 16.11.2016
(54) DISHWASHER WITH A DISPENSER HAVING A SOFT CLOSE
(73) Whirlpool Corporation
(72) Bennett, Aaron P.
Borgerson, Matthew
Stowe, Elliott V.

(31) 201514982133
(32) 29.12.2015
(33) United States of America

(51) A61B 1/00
(11) EP2850995
(21) EP14184551.1
(47) 25.07.2018
(22) 12.09.2014
(54) Endoscope
(73) Karl Storz SE & Co. KG
(72) Vogel, Walter
(31) 102013110423
(32) 20.09.2013
(33) Germany

(51) A61B 1/00
A61B 6/12
G06T 19/00
A61B 34/20
(11) EP2554104
(21) EP11762279.5
(47) 25.07.2018
(87) JP2011001937
06.10.2011
(22) 30.03.2011
(54) ENDOSCOPE OBSERVATION SUPPORTING SYSTEM AND PROGRAMME
(73) FUJIFILM Corporation
(72) KITAMURA, Yoshiro
NAKAMURA, Keigo
(31) 2010083604
(32) 31.03.2010
(33) Japan

(51) A61B 1/00
G02B 23/24
A61B 1/04
(11) EP2481336
(21) EP10818652.9
(47) 25.07.2018
(87) JP2010064674
31.03.2011
(22) 30.08.2010
(54) ENDOSCOPE
(73) Olympus Corporation
(72) OKAZAKI, Yoshiro
SUGAHARA, Michihiro
(31) 244586 P
2009285073
(32) 22.09.2009
16.12.2009
(33) United States of America
Japan

(51) A61B 1/00
H05H 7/04
(11) EP2975914
(21) EP13878222.2
(47) 25.07.2018
(87) JP2013057194
18.09.2014
(22) 14.03.2013
(54) ELECTROMAGNET SUPPORT BASE
(73) Mitsubishi Electric Corporation
(72) AOKI Ryusuke
OBATA Jun

(51) A61B 1/04
A61B 1/06
A61B 17/56
(11) EP2127594
(21) EP08718453.7
(47) 25.07.2018
(87) ES2008070005
24.07.2008
(22) 16.01.2008
(54) CABLE-FREE ARTHROENDOSCOPE
(73) Guillén García, Pedro
(72) LÓPEZ HIDALGO, Antonio
GUILLÉN VICENTE, Marta
LÓPEZ HIDALGO, Jesús
LÓPEZ HIDALGO, Miguel A.
GUILLÉN VICENTE, Isabel
GUILLÉN GARCÍA, Pedro
(31) 200700166
(32) 19.01.2007
(33) Spain

(51) A61B 1/32
(11) EP2538830
(21) EP11748232.3
(47) 25.07.2018
(87) US2011026490
01.09.2011
(22) 28.02.2011
(54) BLOWER INSTRUMENT AND APPARATUS
(73) Maquet Cardiovascular LLC
(72) AGARWAL, Amit
STEWART, Michael, C.
CANTU, Alfredo
CHIN, Albert, K.
(31) 714037
(32) 26.02.2010
(33) United States of America

(51) A61B 3/032
A61B 3/06
F41G 1/35
H04N 17/00
G02B 23/12
G09B 9/36
H04N 5/33
(11) EP3202308
(21) EP16200603.5
(47) 25.07.2018
(22) 24.11.2016
(54) NIGHT VISION IMAGING SYSTEM ACUITY VERIFICATION TEST FIXTURE
(73) The Boeing Company
(72) IWASA, Dale T.
PINE, Larry P.
RIEGLER, Joseph T.
(31) 201615015856
(32) 04.02.2016
(33) United States of America

(51) A61B 5/00
(11) EP2101638
(21) EP08743619.2
(47) 25.07.2018
(87) US2008055437
17.07.2008
(22) 29.02.2008
(54) METHOD AND SYSTEM FOR PROVIDING SENSOR REDUNDANCY
(73) Medtronic MiniMed, Inc.
(72) MASTROTOTARO, John
YOON, Richard
KEENAN, Desmond
(31) 618260
(32) 29.12.2006
(33) United States of America

(51) A61B 5/00
B64D 45/00
G05D 1/00
(11) EP2826416
(21) EP14166451.6
(47) 25.07.2018
(22) 29.04.2014
(54) System and method for providing model-based alerting of spatial disorientation to a pilot
(73) Honeywell International Inc.
(72) Conner, Kevin J.
Mathan, Santosh
Johnson, Steve
(31) 201313943549
(32) 16.07.2013
(33) United States of America

(51) A61B 5/00
G06T 1/00
G06F 19/00
G06T 11/00
(11) EP2672882
(21) EP12800361.3
(47) 25.07.2018
(87) US2012042491
20.12.2012
(22) 14.06.2012
(54) SYSTEM AND METHOD FOR FOUR DIMENSIONAL ANGIOGRAPHY AND FLUOROSCOPY
(73) Mistretta Medical, LLC
CMS Medical, LLC
(72) MISTRETTA, Charles A
STROTHER, Charles M.
(31) 201161497392 P
(32) 15.06.2011
(33) United States of America

(51) A61B 5/00
H04R 1/10
H04M 1/24
(11) EP2742700
(21) EP11763763.7
(47) 25.07.2018
(87) IB2011001844
14.02.2013
(22) 10.08.2011
(54) METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR COLLECTING EARPIECE DATA FROM A MOBILE TERMINAL
(73) Sony Mobile Communications Inc.
(72) SMAILAGIC, Sead
NILSSON, Jesper
NYSTROM, Martin

(51) A61B 5/02
(11) EP2725970
(21) EP12738580.5
(47) 25.07.2018
(87) GB2012000549
03.01.2013
(22) 26.06.2012
(54) PERSONAL HEALTH DATA COLLECTION
(73) Leman Micro Devices SA
(72) ELLIOTT, Christopher
JONES, Mark-Eric

BENNETT, Mark
NAGOGA, Mikhail
(31) 201111138
201200794
(32) 30.06.2011
18.01.2012
(33) United Kingdom
United Kingdom

(51) A61B 5/03
(11) EP2700354
(21) EP13173490.7
(47) 25.07.2018
(22) 25.06.2013
(54) Drainage control system and drainage system using such a drainage control system
(73) RAUMEDIC AG
(72) Göhler, Karlheinz
Kunze, Hans Gerd
Wierick, Philipp
Steudel, Wolf-Ingo
Kiefer, Michael
Eymann, Regina
Antes, Sebastian
Welsch, Melanie
Leonhardt, Steffen
Misgeld, Berno
Radermacher, Klaus
Walter, Marian
Elixmann, Inga
Goffin, Christine
Hansinger, Jens
(31) 102012214763
(32) 20.08.2012
(33) Germany

(51) A61B 5/0478
A61B 5/00
A61B 5/0408
(11) EP2568878
(21) EP11781310.5
(47) 25.07.2018
(87) US2011036335
17.11.2011
(22) 12.05.2011
(54) DEVICE FEATURES AND DESIGN ELEMENTS FOR LONG-TERM ADHESION
(73) Irhythm Technologies, Inc.
(72) KUMAR, Uday, N.
LIVINGSTON, Peter, H.
DAY, Mark, J.
PARK, Shena, H.
WILLIS, William, F.
RIGHTER, William, H.
(31) 334081 P
(32) 12.05.2010
(33) United States of America

(51) A61B 5/05
G01N 1/36
G01N 21/64
G02B 21/00
A61B 10/00
G02B 21/34
(11) EP1121052
(21) EP99946898.6
(47) 25.07.2018
(87) US1999020997
23.03.2000
(22) 13.09.1999
(54) IMAGING OF SURGICAL BIOPSIES
(73) LUCID, INC.
(72) ZAVISLAN, James, M.
GREENWALD, Roger, J.
(31) 100179 P
(32) 14.09.1998
(33) United States of America

(51) A61B 5/05
H01B 7/30
(11) EP2096986
(21) EP07849504.1
(47) 25.07.2018
(87) IB2007055126
03.07.2008
(22) 14.12.2007
(54) ARRANGEMENT AND METHOD FOR INFLUENCING AND/OR DETECTING MAGNETIC PARTICLES IN A REGION OF ACTION
(73) Koninklijke Philips N.V.
(72) GLEICH, Bernhard
WEIZENECKER, Jürgen
KANZENBACH, Jürgen
(31) 06126569
(32) 20.12.2006
(33) European Patent Office (EPO)

(51) A61B 5/08
A61B 5/087
A61B 5/091
A61B 5/093
A61B 5/097
(11) EP3097850
(21) EP15169163.1
(47) 25.07.2018
(22) 26.05.2015
(54) METHOD TO DETERMINE INDICES OF VENTILATION INHOMOGENEITY E.G.LUNG CLEARANCE INDEX (LCI) OF A PAEDIATRIC TEST SUBJECT
(73) Pulmotrace ApS
(72) Nielsen, Jørgen G
Pedersen, Knud E

(51) A61B 5/11
A61B 5/16
G08B 21/04
G06K 9/00
A61B 5/00
A61B 5/0476
(11) EP2747647
(21) EP12784340.7
(47) 25.07.2018
(87) IB2012055178
11.04.2013
(22) 28.09.2012
(54) MONITORING SYSTEM FOR MONITORING A PATIENT AND DETECTING DELIRIUM OF THE PATIENT
(73) Koninklijke Philips N.V.
(72) VAN DER HEIDE, Esther Marjan
HEINRICH, Adrienne
FALCK, Thomas
(31) 201161544321 P
(32) 07.10.2011
(33) United States of America

(51) A61B 5/145
A61B 5/1495
(11) EP2770907
(21) EP12711716.6
(47) 25.07.2018
(87) US2012028282
02.05.2013
(22) 08.03.2012
(54) METHOD AND/OR SYSTEM FOR MULTICOMPARTMENT ANALYTE MONITORING
(73) Medtronic MiniMed, Inc.
(72) YANG, Ning
GOTTLIEB, Rebecca, K.
NOGUEIRA, Keith
LI, Xiaolong
LIANG, Bradley
KANNARD, Brian, T.
(31) 201113282096
201161551844 P
201213365406
(32) 26.10.2011
26.10.2011
03.02.2012
(33) United States of America
United States of America
United States of America

(51) A61B 5/16
G16H 10/20
G16H 50/20
(11) EP3065641
(21) EP14796863.0
(47) 25.07.2018
(87) GB2014053298
14.05.2015
(22) 05.11.2014
(54) SYSTEM FOR ASSESSING A MENTAL HEALTH DISORDER
(73) Cognetivity Ltd.
(72) KHALIGH-RAZAVI, Seyed-Mahdi
HABIBI, Sina
(31) 201319619
(32) 06.11.2013
(33) United Kingdom

(51) A61B 6/00
(11) EP2845540
(21) EP14185027.1
(47) 25.07.2018
(22) 21.02.2013
(54) RADIOGRAPHIC IMAGE CAPTURING DEVICE
(73) Konica Minolta Medical & Graphic, Inc.
(72) NISHIJIMA, Yuuichi
SUZUKI, Kenichirou
TAKAGI, Tatsuya
(31) 2012040815
(32) 28.02.2012
(33) Japan

(51) A61B 6/02
A61B 6/00
(11) EP3127484
(21) EP16181523.8
(47) 25.07.2018
(22) 27.07.2016
(54) SYSTEM AND METHOD FOR TOMOSYNTHESIS IMAGE ACQUISITION
(73) General Electric Company
(72) SOUCHAY, Henri
(31) 201514817591
(32) 04.08.2015

(33) United States of America

(51) A61B 6/03
A61B 6/00
G16H 50/50
G06F 19/00
(11) EP3150126
(21) EP16192895.7
(47) 25.07.2018
(22) 08.12.2011
(54) GENERATING A SUITABLE MODEL FOR ESTIMATING PATIENT RADIATION DOSE RESULTING FROM MEDICAL IMAGING SCANS
(73) Bayer Healthcare LLC
(72) COUCH, Gregory
COUCH, James
(31) 420834 P
(32) 08.12.2010
(33) United States of America

(51) A61B 8/00
G01S 7/52
G06F 3/0484
G06T 3/40
(11) EP3040030
(21) EP15160032.7
(47) 25.07.2018
(22) 20.03.2015
(54) ULTRASOUND IMAGE PROVIDING APPARATUS AND METHOD
(73) Samsung Medison Co., Ltd.
(72) Park, Seok-lai
Jo, Jae-moon
Im, Ji-un
(31) 20140174279
(32) 05.12.2014
(33) Korea (Republic)

(51) A61B 8/08
A61B 8/06
(11) EP2654573
(21) EP11811390.1
(47) 25.07.2018
(87) IB2011055744
28.06.2012
(22) 16.12.2011
(54) AUTOMATED IDENTIFICATION OF THE LOCATION OF A REGURGITANT ORIFICE OF A MITRAL VALVE IN AN ULTRASOUND IMAGE
(73) Koninklijke Philips N.V.
(72) WEI, Qifeng
THIELE, Karl Erhard
YOGANATHAN, Ajit
YAP, Choon Hwai
(31) 201061426669 P
201161466059 P
(32) 23.12.2010
22.03.2011
(33) United States of America
United States of America

(51) A61B 17/00
(11) EP1807132
(21) EP05824218.1
(47) 25.07.2018
(87) US2005039692
18.05.2006
(22) 01.11.2005
(54) APPARATUS FOR SEALING A VASCULAR PUNCTURE
(73) Access Closure, Inc.
(72) KHOSRAVI, Farhad
PAI, Suresh S.
BAGAOISAN, Celso J.
(31) 982387
982384
(32) 05.11.2004
05.11.2004
(33) United States of America
United States of America

(51) A61B 17/00
A61B 17/12
(11) EP2442728
(21) EP10728982.9
(47) 25.07.2018
(87) US2010039068
23.12.2010
(22) 17.06.2010
(54) MEDICAL DEVICE FOR MODIFICATION OF LEFT ATRIAL APPENDAGE
(73) Coherex Medical, Inc.
(72) MILES, Scott D.
DAVIS, Clark C.
EDMISTON, Daryl R.
LINDER, Richard J.
(31) 218018 P
294058 P
320635 P
325230 P
345514 P
(32) 17.06.2009
11.01.2010
02.04.2010
16.04.2010
17.05.2010
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61B 17/00
A61B 17/225
A61N 7/00
(11) EP2382924
(21) EP11001850.4
(47) 25.07.2018
(22) 05.03.2011
(54) Shock wave therapy device for extracorporeal shock wave therapy
(73) Richard Wolf GmbH
(72) Bauer, Edgar
Krauß, Werner
(31) 102010018707
(32) 29.04.2010
(33) Germany

(51) A61B 17/00
A61B 34/30
G06F 3/0482
G06F 3/0484
G06F 3/01
A61B 3/113
A61B 5/11
G06K 9/00
(11) EP2555703
(21) EP11722883.3
(47) 25.07.2018
(87) IB2011051397
13.10.2011
(22) 01.04.2011
(54) ROBOTIZED SURGERY SYSTEM WITH IMPROVED CONTROL
(73) TransEnterix Italia S.r.l.
(72) RUIZ MORALES, Emilio
BRASSET, Damien
INVERNIZZI, Paolo
(31) MI20100579
(32) 07.04.2010
(33) Italy

(51) A61B 17/04
A61B 17/06
A61B 17/062
(11) EP2720621
(21) EP12802209.2
(47) 25.07.2018
(87) US2012042920
27.12.2012
(22) 18.06.2012
(54) DEVICE FOR APPROXIMATING TISSUE
(73) Ethicon, Inc.
(72) CROMBIE, John, Stephen
FLEMING, James, A., III
LIBERATORE, Jessica
YUAN, Jie, Jenny
NERING, Robert
(31) 201113163798
(32) 20.06.2011
(33) United States of America

(51) A61B 17/04
A61B 17/06
A61B 17/068
(11) EP2370002
(21) EP09829467.1
(47) 25.07.2018
(87) US2009006212
03.06.2010
(22) 20.11.2009
(54) APPARATUS FOR MINIMALLY INVASIVE SUTURING
(73) Endoevolution, Llc
(72) MEADE, John, C.
GRIFFITHS, Jerry, R.
DIFRANCESCO, Francis, J.
CLARK, Richard
(31) 200180 P
(32) 25.11.2008
(33) United States of America

(51) A61B 17/221
(11) EP2629684
(21) EP11779490.9
(47) 25.07.2018
(87) IE2011000057
26.04.2012
(22) 21.10.2011
(54) CLOT ENGAGEMENT AND REMOVAL SYSTEM
(73) Neuravi Limited
(72) BRADY, Eamon
GILVARRY, Michael
RAZAVI, Mahmood K.
VALE, David
(31) 344848 P
(32) 22.10.2010
(33) United States of America

(51) A61B 17/29
A61B 34/00
A61B 17/00

A61B 1/008
A61M 25/01
A61B 1/005
A61B 34/30
(11) EP2956202
(21) EP14751646.2
(47) 25.07.2018
(87) IL2014050224
21.08.2014
(22) 17.02.2014
(54) STEERABLE MEDICAL DEVICE
(73) Human Extensions Ltd.
(72) SHOLEV, Mordehai
(31) 201361765745 P
(32) 17.02.2013
(33) United States of America

(51) A61B 17/3205
A61B 17/3209
A61B 17/34
A61B 17/70
A61B 17/32
(11) EP3011918
(21) EP15189482.1
(47) 25.07.2018
(22) 22.08.2012
(54) SAFE CUTTING HEADS AND SYSTEMS FOR FAST REMOVAL OF A TARGET TISSUE
(73) DePuy Synthes Products, Inc.
(72) To, John
(31) 201161566629 P
201261596865 P
(32) 03.12.2011
09.02.2012
(33) United States of America
United States of America

(51) A61B 17/3211
A61F 9/007
(11) EP2702954
(21) EP12776663.2
(47) 25.07.2018
(87) JP2012061406
01.11.2012
(22) 27.04.2012
(54) MEDICAL KNIFE
(73) KAI R&D CENTER CO., LTD.
(72) MORI, Makoto
AMEMOTO, Hidetoshi
HASEBE, Kazuyuki
(31) 2011100960
(32) 28.04.2011
(33) Japan

(51) A61B 17/34
A61B 1/00
(11) EP3123946
(21) EP15769941.4
(47) 25.07.2018
(87) JP2015059352
01.10.2015
(22) 26.03.2015
(54) ENDOSCOPIC SURGICAL DEVICE AND OVERTUBE
(73) Fujifilm Corporation
(72) DEJIMA, Takumi
(31) 201461971222 P
(32) 27.03.2014
(33) United States of America

(51) A61B 17/42
(11) EP2903540
(21) EP13727410.6
(47) 25.07.2018
(87) SI2013000012
10.10.2013
(22) 14.03.2013
(54) MEDICAL INSTRUMENT FOR CONTROLLED UTERINE MANIPULATION
(73) Tomazevic, Rok
(72) TOMAZEVIC, Tomaz Kristijan
(31) 201200084
(32) 14.03.2012
(33) Slovenia

(51) A61B 17/56
(11) EP2429429
(21) EP10765332.1
(47) 25.07.2018
(87) US2010031594
21.10.2010
(22) 19.04.2010
(54) GLENOID RESURFACING SYSTEM
(73) Arthrosurface Incorporated
(72) SIKORA, George
EK, Steven, W.
(31) 170290 P
311605 P
(32) 17.04.2009
08.03.2010
(33) United States of America
United States of America

(51) A61B 17/70
A61B 17/90
A61B 17/88
(11) EP3200710
(21) EP15788118.6
(47) 25.07.2018
(87) FR2015052617
07.04.2016
(22) 30.09.2015
(54) ACCESSORY FOR TENSIONING AN ELONGATE ELEMENT
(73) Cousin Biotech
(72) DENEUVILLERS, Guy
PRANDI, Jules
(31) 1459366
(32) 01.10.2014
(33) France

(51) A61B 17/86
A61B 17/80
(11) EP2922484
(21) EP14700660.5
(47) 25.07.2018
(87) EP2014050725
24.07.2014
(22) 15.01.2014
(54) SURGICAL BONE SCREW AND IMPLANT SYSTEM
(73) Zimmer GmbH
(72) PECH, Uwe
KOTULJAC, Vladko
(31) 102013100362
(32) 15.01.2013
(33) Germany

(51) A61B 18/02
B65D 83/30
B65D 83/20
B65D 83/22
(11) EP2925246
(21) EP13818422.1
(47) 25.07.2018
(87) IB2013060236
05.06.2014
(22) 19.11.2013
(54) A DISPENSER OF CRYOGENIC SUBSTANCES, AND A PROCESS FOR DISPENSING THE CRYOGENTIC SUBSTANCES
(73) Sixtem Life S.r.l.
(72) OTTANELLI, Luciano
(31) MI20122050
(32) 30.11.2012
(33) Italy

(51) A61B 18/14
(11) EP2877113
(21) EP13731526.3
(47) 25.07.2018
(87) US2013041190
30.01.2014
(22) 15.05.2013
(54) ELECTRODES FOR TISSUE TREATMENT
(73) Boston Scientific Scimed, Inc.
(72) HU, Eric, Y.
WEBSTER, Noah
DALBEC, Timothy, R.
(31) 201261675244 P
(32) 24.07.2012
(33) United States of America

(51) A61B 18/14
(11) EP2767250
(21) EP14154456.9
(47) 25.07.2018
(22) 10.02.2014
(54) Electrosurgical electrodes
(73) Covidien LP
(72) Ward, Arlen K.
(31) 201361766483 P
201314136017
(32) 19.02.2013
20.12.2013
(33) United States of America
United States of America

(51) A61B 18/14
A61B 5/04
A61B 18/00
A61B 5/042
A61B 5/00
(11) EP2925248
(21) EP14712440.8
(47) 25.07.2018
(87) US2014019857
12.09.2014
(22) 03.03.2014
(54) BASKET FOR A MULTI-ELECTRODE ARRAY CATHETER
(73) St. Jude Medical, Atrial Fibrillation Division, Inc.
(72) ELIASON, Braden J.
DENO, D. Curtis
JUST, Dale E.
VOTH, Eric J.
(31) 201313790110
(32) 08.03.2013
(33) United States of America

(51) A61B 18/14

A61B 5/04
A61N 7/02
A61B 18/00
A61B 5/00
(11) EP3038555
(21) EP14771431.5
(47) 25.07.2018
(87) US2014053205
05.03.2015
(22) 28.08.2014
(54) NEUROMODULATION CATHETERS WITH NERVE MONITORING FEATURES FOR TRANSMITTING DIGITAL NEURAL SIGNALS
(73) Medtronic Ardian Luxembourg S.à.r.l.
(72) SRIVASTAVA, Nishant
(31) 201314015835
(32) 30.08.2013
(33) United States of America

(51) A61B 34/30
A61B 34/37
A61B 34/35
A61B 34/00
A61B 18/14
A61B 1/018
A61B 90/00
A61B 34/20
A61B 34/10
(11) EP2108327
(21) EP07830681.8
(47) 25.07.2018
(87) JP2007070947
07.08.2008
(22) 26.10.2007
(54) ENDOSCOPIC OPERATION DEVICE
(73) Olympus Corporation
(72) SUGIYAMA, Yuta
TAKAHASHI, Kazuhiko
(31) 2007023302
(32) 01.02.2007
(33) Japan

(51) A61B 90/00
(11) EP1993454
(21) EP07748771.8
(47) 25.07.2018
(87) TR2007000016
20.09.2007
(22) 20.02.2007
(54) COMPRESSED AIR DISSECTOR (AIR JET SCRAPER)
(73) TUBITAK-Turkiye Bilimsel ve Teknolojik ve Arastima Kurumu
(72) CELIK, Bulent
(31) 200601204
(32) 16.03.2006
(33) Turkey

(51) A61B 90/00
(11) EP2227152
(21) EP08846955.6
(47) 25.07.2018
(87) US2008082489
14.05.2009
(22) 05.11.2008
(54) SYSTEM AND METHOD FOR NAVIGATED DRILL GUIDE
(73) Medtronic Navigation, Inc.
(72) HARTMANN, Steven, L.
HUGHES, Joel, S.
MOCTEZUMA, Joseph
VERARD, Laurent
(31) 935793
(32) 06.11.2007
(33) United States of America

(51) A61C 5/68
(11) EP2737872
(21) EP13194769.9
(47) 25.07.2018
(22) 28.11.2013
(54) Dental container
(73) SDI Limited
(72) Cheetham, Joshua James
(31) 2012905260
(32) 30.11.2012
(33) Australia

(51) A61C 7/08
A61C 13/00
(11) EP2187834
(21) EP08794984.8
(47) 25.07.2018
(87) US2008009328
05.02.2009
(22) 01.08.2008
(54) TOOTH MODELING
(73) Align Technology, Inc.
(72) KITCHING, Ian
KUO, Eric, E.
(31) 888742
11941
(32) 02.08.2007
29.01.2008
(33) United States of America
United States of America

(51) A61C 8/00
(11) EP1713412
(21) EP05704763.1
(47) 25.07.2018
(87) SE2005000095
11.08.2005
(22) 28.01.2005
(54) DENTAL IMPLANT ARRANGEMENT
(73) Nobel Biocare Services AG
(72) ROMPEN, Eric
TOUATI, Bernard
VAN DOOREN, Eric
DURIC, Sanel
(31) 0400157
(32) 29.01.2004
(33) Sweden

(51) A61C 8/00
(11) EP2629695
(21) EP11771148.1
(47) 25.07.2018
(87) EP2011068265
26.04.2012
(22) 19.10.2011
(54) A DENTAL COMPONENT, A DENTAL FIXTURE AND A DENTAL IMPLANT ASSEMBLY
(73) Dentsply IH AB
(72) HOLMSTRÖM, Johan
WENDEL, Mats
MARKLUND, Mattias
(31) 394883 P
10188218
(32) 20.10.2010
20.10.2010
(33) United States of America
European Patent Office (EPO)

(51) A61C 8/00
A61C 13/00
A61C 13/34
A61C 1/08
(11) EP2276417
(21) EP09755526.2
(47) 25.07.2018
(87) US2009040375
03.12.2009
(22) 13.04.2009
(54) METHOD OF CREATING AN ACCURATE BONE AND SOFT-TISSUE DIGITAL DENTAL MODEL
(73) Biomet 3i, LLC
(72) BERCKMANS, Bruce, III
SUTTIN, Zachary, B.
(31) 124195 P
(32) 15.04.2008
(33) United States of America

(51) A61C 8/00
B25B 15/00
F16B 23/00
(11) EP3260079
(21) EP17183481.5
(47) 25.07.2018
(22) 27.03.2013
(54) SCREWDRIVER FOR DENTAL IMPLANTOLOGY
(73) Xam-Mar Mangrane, Esteban
(72) Xam-Mar Mangrane, Esteban
(31) 102012029369
(32) 19.11.2012
(33) Brazil

(51) A61C 9/00
G06K 9/00
G06T 7/00
G06K 9/20
(11) EP2428913
(21) EP11179804.7
(47) 25.07.2018
(22) 02.09.2011
(54) Object classification for measured three-dimensional object scenes
(73) Dental Imaging Technologies Corporation
(72) Dillon, Robert
Zhao, Bing
(31) 381731 P
201113217652
(32) 10.09.2010
25.08.2011
(33) United States of America
United States of America

(51) A61C 13/00
A61K 6/10
(11) EP2149346
(21) EP09161978.3
(47) 25.07.2018
(22) 04.06.2009
(54) Use of burnable, readily machineable CAD blocks made of foam plastic
(73) Ivoclar Vivadent AG
(72) Bürke, Harald
(31) 202008008805 U
202009000043 U
(32) 29.07.2008
21.01.2009

(33) Germany
Germany

(51) A61C 17/22
A46B 9/04
(11) EP2349070
(21) EP09759801.5
(47) 25.07.2018
(87) IB2009054901
14.05.2010
(22) 04.11.2009
(54) BRUSH HEAD FOR AN ELECTRIC TOOTHBRUSH
(73) Braun GmbH
(72) DRIESEN, Georges
SCHMID, Michael
SCHAEFER, Norbert
REICK, Hansjoerg
SCHAMBERG, Stefan
THURNAY, Eva, Susanne
MC GARRY, Rory
(31) 08019329
(32) 05.11.2008
(33) European Patent Office (EPO)

(51) A61C 19/05
A61C 11/00
A61C 13/00
A61C 13/097
(11) EP2616003
(21) EP11824661.0
(47) 25.07.2018
(87) IB2011003064
22.03.2012
(22) 13.09.2011
(54) OCCLUSION ESTIMATION IN DENTAL PROSTHESIS DESIGN
(73) Biocad Médical Inc.
(72) MANAÏ, Myriam
GIASSON, David
HANG, Bin
(31) 884669
(32) 17.09.2010
(33) United States of America

(51) A61F 2/00
(11) EP3075349
(21) EP16167052.6
(47) 25.07.2018
(22) 30.03.2012
(54) IMPLANTS AND TOOLS FOR TREATMENT OF PELVIC CONDITIONS
(73) AMS Research Corporation
(72) MUJWID, James R.
TITUS, John E.
(31) 201161469473 P
(32) 30.03.2011
(33) United States of America

(51) A61F 2/00
A61B 17/00
(11) EP1965726
(21) EP06844866.1
(47) 25.07.2018
(87) US2006046478
12.07.2007
(22) 06.12.2006
(54) STRESS URINARY INCONTINENCE IMPLANT
(73) Ethicon, Inc
(72) TRACEY, Michael R.
BELL, Steve
KNODEL, Bryan
(31) 321659
(32) 29.12.2005
(33) United States of America

(51) A61F 2/00
A61B 17/04
A61B 17/06
(11) EP3087949
(21) EP16169539.0
(47) 25.07.2018
(22) 14.06.2005
(54) SYSTEM RELATING TO IMPLANTABLE SUPPORTIVE SLINGS
(73) Boston Scientific Limited
(72) MAMO, George
WEISER, Michael F.
(31) 579354 P
649514 P
(32) 14.06.2004
03.02.2005
(33) United States of America
United States of America

(51) A61F 2/00
H02J 5/00
A61B 5/00
A61B 5/0215
H02J 7/02
H02J 7/06
H02J 50/12
H02J 50/70
H02J 50/90
H02J 50/80
(11) EP2986252
(21) EP14785775.9
(47) 25.07.2018
(87) IB2014060085
23.10.2014
(22) 24.03.2014
(54) REMOTELY POWERED SENSORY IMPLANT
(73) Vectorious Medical Technologies Ltd.
(72) GOLDSHTEIN, Oren
DAFFAN, Aharon
WINSHTEIN, Ronny
(31) 201361813575 P
201361838357 P
(32) 18.04.2013
24.06.2013
(33) United States of America
United States of America

(51) A61F 2/06
A61F 2/82
(11) EP2816980
(21) EP13752166.2
(47) 25.07.2018
(87) US2013027072
29.08.2013
(22) 21.02.2013
(54) ACTIVELY CONTROLLABLE STENT, STENT GRAFT AND HEART VALVE
(73) Syntheon TAVR, LLC
(72) CARTLEDGE, Richard
SMITH, Kevin, W.
BALES, Thomas, O., Jr.
DEVILLE, Derek, Dee
KLINE, Korey
MENDEZ, Max, Pierre
PALMER, Matthew, A.
KIRK, Michael, Walter
RIVERA, Carlos
PETERSON, Eric
MCBRAYER, Sean
(31) 201261601961 P
201213544379
201261682558 P
201213656717
201261717037 P
201261739711 P
201313772203
(32) 22.02.2012
09.07.2012
13.08.2012
21.10.2012
22.10.2012
19.12.2012
20.02.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61F 2/07
A61F 2/06
(11) EP3003230
(21) EP14807233.3
(47) 25.07.2018
(87) US2014041185
11.12.2014
(22) 05.06.2014
(54) VARIABLE DEPRESSION STENTS (VDS) AND BILLOWING GRAFT ASSEMBLIES
(73) Aortic Innovations Surena, LLC
(72) SHAHRIARI, Ali
(31) 201361831196 P
201361863745 P
201361879928 P
201461940327 P
201461940865 P
201461940866 P
201462001916 P
(32) 05.06.2013
08.08.2013
19.09.2013
14.02.2014
18.02.2014
18.02.2014
22.05.2014
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61F 2/16
C08L 23/12
C08L 33/04
C08L 39/06
C08L 75/04
C08L 77/12
(11) EP2811938
(21) EP13706649.4
(47) 25.07.2018
(87) FR2013050258

15.08.2013
(22) 07.02.2013
(54) METASTABLE POLYMER COMPOSITONS FOR DEVICES FOR INJECTION OF OPHTHALMIC IMPLANTS
(73) Polymerexpert SA
(72) DOLATKHANI, Marc
HUPIN, Christophe
(31) 1251146
201261647751 P
(32) 07.02.2012
16.05.2012
(33) France
United States of America

(51) A61F 2/24
A61F 2/00
(11) EP2616004
(21) EP11757777.5
(47) 25.07.2018
(87) EP2011004605
22.03.2012
(22) 14.09.2011
(54) IMPLANT DELIVERY DEVICE INTENDED TO BE ATTACHED TO OR INTERCONNECTED WITH A CATHETER, IMPLANT DELIVERY CATHETER
(73) Venus MedTech (HangZhou), Inc.
(72) GOETZ, Wolfgang
LIM, Hou-Sen
(31) 383351 P
102010037529
(32) 16.09.2010
14.09.2010
(33) United States of America
Germany

(51) A61F 2/26
A61F 5/41
A61M 5/142
(11) EP2373257
(21) EP09748231.9
(47) 25.07.2018
(87) EP2009007287
15.04.2010
(22) 09.10.2009
(54) STIMULATION OF PENIS ERECTION
(73) Kirk Promotion LTD.
(72) FORSELL, Peter
(31) 136879 P
(32) 10.10.2008
(33) United States of America

(51) A61F 2/30
A61F 2/40
A61B 17/58
(11) EP2854712
(21) EP13796937.4
(47) 25.07.2018
(87) US2013043321
05.12.2013
(22) 30.05.2013
(54) REVERSE SHOULDER HUMERAL ADAPTER TRAYS
(73) Exactech, Inc.
(72) ROCHE, Christopher
HAMILTON, Matthew
DIEP, Phong
(31) 201261653860 P
201361779363 P
(32) 31.05.2012
13.03.2013
(33) United States of America
United States of America

(51) A61F 2/30
A61F 2/50
A61F 2/74
A61F 2/68
A61F 2/66
(11) EP1954217
(21) EP06808538.0
(47) 25.07.2018
(87) GB2006004247
18.05.2007
(22) 14.11.2006
(54) AN ADJUSTMENT DEVICE FOR A LOWER LIMB PROSTHESIS
(73) Blatchford Products Limited
(72) ABIMOSLEH, Fadi
HARRIS, Graham
LANG, Stephen, Terry
ZAHEDI, Mir, Saeed
(31) 736409 P
(32) 14.11.2005
(33) United States of America

(51) A61F 2/34
A61F 2/30
(11) EP2688517
(21) EP12709644.4
(47) 25.07.2018
(87) EP2012054991
27.09.2012
(22) 21.03.2012
(54) BALL-AND-SOCKET IMPLANT
(73) Jossi Holding AG
(72) GUGLER, Christian
SCHMIDT, Martin
MEYENHOFER, Andreas
(31) 11159050
(32) 21.03.2011
(33) European Patent Office (EPO)

(51) A61F 2/38
(11) EP3104813
(21) EP15711831.6
(47) 25.07.2018
(87) IB2015050997
13.08.2015
(22) 10.02.2015
(54) ARTIFICIAL KNEE JOINT
(73) Limacorporate SPA
(72) FIEDLER, Christoph
CAMERA, Andrea
BARBANTI, Ivana
URSINO, Nicola
VIOLANTE, Bruno
FERREIRA, André
(31) UD20140023
(32) 10.02.2014
(33) Italy

(51) A61F 2/38
(11) EP3137017
(21) EP15718907.7
(47) 25.07.2018
(87) EP2015059321
05.11.2015
(22) 29.04.2015
(54) KNEE-JOINT ENDOPROSTHESIS
(73) Aesculap AG
(72) HAGEN, Thomas
BÖTTIGER, Roland
WILLMANN, Michael
KEMPF, Harry
(31) 102014106012
(32) 29.04.2014
(33) Germany

(51) A61F 2/38
A61F 2/30
(11) EP2528546
(21) EP11737728.3
(47) 25.07.2018
(87) US2011022922
04.08.2011
(22) 28.01.2011
(54) CRUCIATE-RETAINING KNEE PROSTHESIS
(73) Smith & Nephew, Inc.
(72) LENZ, Nathaniel, M.
SMITH, Richard, Michael
WILKINSON, Zachary, Christopher
MCKINNON, Brian, W.
SALEHI, Abraham, B.
NELSEN, Jonathan, Kirk
RIES, Michael, D.
JERRY, Gerald, J.
(31) 382287 P
299835 P
372556 P
(32) 13.09.2010
29.01.2010
11.08.2010
(33) United States of America
United States of America
United States of America

(51) A61F 2/42
A61F 2/46
A61B 17/15
A61B 17/16
A61B 17/17
A61B 17/92
A61F 2/30
(11) EP2869789
(21) EP14770967.9
(47) 25.07.2018
(87) US2014027193
25.09.2014
(22) 14.03.2014
(54) INTRAMEDULLARY ANKLE SYSTEM
(73) Wright Medical Technology, Inc.
(72) LUNA, Ramon
TALLEY, Matthew
PETTEYS, Christine, M.
REYNOLDS, David
STEMNISKI, Paul
OBERT, Richard
(31) 201361783915 P
(32) 14.03.2013
(33) United States of America

(51) A61F 2/44
A61B 17/70
A61B 17/78
A61F 2/28
A61F 2/46
A61F 2/30
(11) EP2770955
(21) EP12844354.6

(47) 25.07.2018
(87) US2012061799
02.05.2013
(22) 25.10.2012
(54) PIVOTABLE INTERBODY IMPLANT SYSTEM
(73) Warsaw Orthopedic, Inc.
(72) PALMATIER, Stanley, T.
MILLER, Keith, M.
BRANCH, Charles, L.
ARMSTRONG, William, D.
MELKENT, Anthony, J.
DROCHNER, Thomas, E.
HYNES, Richard
BLACKWELL, Jonathan, E.
YU, Kindong
(31) 201113283915
(32) 28.10.2011
(33) United States of America

(51) A61F 2/66
A61F 2/68
A61F 2/76
A61F 2/50
A61F 2/70
A61B 5/103
A61B 5/11
A61F 5/01
(11) EP1843724
(21) EP06748179.6
(47) 25.07.2018
(87) US2006003473
10.08.2006
(22) 01.02.2006
(54) SENSING SYSTEMS AND METHODS FOR MONITORING GAIT DYNAMICS
(73) Össur hf
(72) CLAUSEN, Arinbjorn, Viggo
ODDSSON, Magnus
(31) 649226 P
(32) 02.02.2005
(33) United States of America

(51) A61F 2/90
A61B 17/12
A61F 2/852
A61F 2/07
(11) EP2881087
(21) EP15152054.1
(47) 25.07.2018
(22) 26.08.2011
(54) Medical device and system having such a device
(73) Acandis GmbH
(72) Cattaneo, Giorgio
Baidinger, Otto
(31) 102010035543
(32) 26.08.2010
(33) Germany

(51) A61F 2/915
(11) EP2911621
(21) EP13783517.9
(47) 25.07.2018
(87) EP2013072239
01.05.2014
(22) 24.10.2013
(54) RADIOPAQUE MARKER FOR BIORESORBABLE STENTS
(73) Arterial Remodeling Technologies S.A.
(72) VIAL, Béatrice
VAN DER LEEST, Machiel
(31) 201261718532 P
(32) 25.10.2012
(33) United States of America

(51) A61F 2/962
A61F 2/24
(11) EP3178450
(21) EP16203221.3
(47) 25.07.2018
(22) 09.12.2016
(54) INSERTION CATHETER AND CATHETER ASSEMBLY
(73) Biotronik AG
(72) Fargahi, Amir
(31) 102015121501
(32) 10.12.2015
(33) Germany

(51) A61F 5/01
A61F 13/00
A61F 13/08
(11) EP3187160
(21) EP16200614.2
(47) 25.07.2018
(22) 25.11.2016
(54) COMPRESSION BANDAGE FOR THE TREATMENT OF LYMPHEDEMA
(73) Julius Zorn GmbH
(72) Schettler, Uwe
(31) 202015107145 U
(32) 30.12.2015
(33) Germany

(51) A61F 5/44
A61M 1/00
A61M 27/00
A61M 25/00
(11) EP2750640
(21) EP12753390.9
(47) 25.07.2018
(87) DK2012050314
07.03.2013
(22) 28.08.2012
(54) AN ASSEMBLY FOR URINARY DRAINAGE
(73) Coloplast A/S
(72) SCHERTIGER, Lars Olav
HARALDSTED, Helle
CORYDON, Marlene
DANIELSEN, Claus
(31) 201170476 P
201170477 P
201170474 P
201170475 P
(32) 29.08.2011
29.08.2011
29.08.2011
29.08.2011
(33) Denmark
Denmark
Denmark
Denmark

(51) A61F 5/56
A61M 16/00
(11) EP2709572
(21) EP12785448.7
(47) 25.07.2018
(87) AU2012000565
22.11.2012
(22) 18.05.2012
(54) BREATHING ASSIST DEVICE
(73) Oventus Medical Limited
(72) HART, Christopher Patrick
(31) 2011901952
(32) 19.05.2011
(33) Australia

(51) A61F 9/00
A61M 15/00
A61M 35/00
(11) EP3057627
(21) EP14853999.2
(47) 25.07.2018
(87) US2014060781
23.04.2015
(22) 15.10.2014
(54) CONTROLLABLE RATE TURBULATING NOZZLE
(73) Mystic Pharmaceuticals, Inc.
Hancock, Jesse, Ryan
Shaw, Michael
(72) HANCOCK, Jesse, Ryan
SHAW, Michael
(31) 201361891300 P
(32) 15.10.2013
(33) United States of America

(51) A61F 9/007
A61M 1/00
(11) EP2892477
(21) EP13835117.6
(47) 25.07.2018
(87) US2013058533
13.03.2014
(22) 06.09.2013
(54) VIBRATING SURGICAL DEVICE FOR REMOVAL OF VITREOUS AND OTHER TISSUE
(73) Bausch & Lomb Incorporated
(72) MCCARY, Brian, D.
GOH, Toh, Seng
PERKINS, James, Taylor
(31) 201261698411 P
(32) 07.09.2012
(33) United States of America

(51) A61F 13/02
(11) EP2337539
(21) EP09777990.4
(47) 25.07.2018
(87) EP2009006027
18.03.2010
(22) 20.08.2009
(54) HOT COMPRESS
(73) Beiersdorf AG
(72) WÖLLER, Karl-Heinz
NEMEC, Dominik
ERISMIS, Harun
(31) 102008048327
(32) 15.09.2008
(33) Germany

(51) A61F 13/14
A61F 5/03
(11) EP3108863
(21) EP15425049.2
(47) 25.07.2018
(22) 26.06.2015
(54) POST-OPERATIVE STERNUM AND BREAST DEVICE
(73) Qualiteam S.r.l.

(72) Hjorth Hansen, Doris

(51) A61F 13/15
(11) EP3160410
(21) EP15736746.7
(47) 25.07.2018
(87) US2015037850
30.12.2015
(22) 26.06.2015
(54) SYSTEMS AND METHODS FOR MONITORING AND CONTROLLING AN ABSORBENT ARTICLE CONVERTING LINE
(73) The Procter & Gamble Company
(72) VARGA, Stephen, Michael
WALSH, Bradley, Edward
(31) 201462017292 P
(32) 26.06.2014
(33) United States of America

(51) A61F 13/15
B05D 1/00
B32B 7/14
(11) EP3151798
(21) EP15731768.6
(47) 25.07.2018
(87) US2015033864
10.12.2015
(22) 03.06.2015
(54) METHOD FOR APPLYING ADHESIVES IN PATTERNS TO AN ADVANCING SUBSTRATE
(73) The Procter & Gamble Company
(72) BROWN, Darrell, Ian
KAWKA, Paul, Anthony
(31) 201462007965 P
(32) 05.06.2014
(33) United States of America

(51) A61F 13/40
(11) EP2790769
(21) EP12858307.7
(47) 25.07.2018
(87) US2012069565
20.06.2013
(22) 13.12.2012
(54) ANTISEPTIC APPLICATOR
(73) CareFusion 2200, Inc.
(72) GUZMAN, Manuel
BOONE, Kyle W.
RIVERA, Miguel
(31) 201113328460
(32) 16.12.2011
(33) United States of America

(51) A61F 13/42
G08B 21/20
G01V 15/00
(11) EP2741721
(21) EP12822335.1
(47) 25.07.2018
(87) US2012049488
14.02.2013
(22) 03.08.2012
(54) WETNESS SENSORS
(73) 3M Innovative Properties Company
(72) PRIOLEAU, Lori-Ann S.,
JOHNSON, Justin M.,
LORENTZ, Robert D.,
BADRI, Brinda B.,
VANOUS, James C.,
CHATTERTON, Jacob D.,
PERRON, Steven J.,
BATTLES, Donald R.,
VEERARAGHAVAN, Badri,
(31) 201113207522
(32) 11.08.2011
(33) United States of America

(51) A61F 13/49
A61F 13/532
A61F 13/537
A61F 13/45
A61F 13/534
(11) EP3058913
(21) EP15155436.7
(47) 25.07.2018
(22) 17.02.2015
(54) Absorbent articles forming a three-dimensional basin
(73) The Procter & Gamble Company
(72) Ehrnsperger, Bruno Johannes
Jackels, Hans Adolf
Stoelzel, Claus Peter
Zipf, Christine Elisabeth

(51) A61F 13/496
A61F 13/15
B29C 65/16
A61F 13/84
A61F 13/49
(11) EP3015096
(21) EP14817839.5
(47) 25.07.2018
(87) JP2014066923
31.12.2014
(22) 26.06.2014
(54) PANTS-TYPE WEARING ARTICLE, AND METHOD FOR PRODUCING SAME
(73) Kao Corporation
(72) HAMAMOTO, Shinji
IMAI, Koji
YANASHIMA, Takuo
(31) 2013137385
(32) 28.06.2013
(33) Japan

(51) A61F 13/511
D04H 1/4374
A61F 13/47
A61F 13/15
(11) EP3053559
(21) EP14847584.1
(47) 25.07.2018
(87) JP2014073732
02.04.2015
(22) 09.09.2014
(54) ABSORBENT ARTICLE
(73) Daio Paper Corporation
(72) KURAMOCHI Mihoko
(31) 2013204783
(32) 30.09.2013
(33) Japan

(51) A61F 13/532
A61F 13/534
A61F 13/535
A61F 13/15
B32B 5/18
B32B 5/24
(11) EP3020380
(21) EP14193284.8
(47) 25.07.2018
(22) 14.11.2014
(54) Method for producing composite structures with a plurality of absorbent foam particulates
(73) The Procter & Gamble Company
(72) Pinyayev, Aleksey Mikhailovich
Merrigan, Steven Ray

(51) A61F 13/534
A61F 13/53
A61F 13/532
A61F 13/15
(11) EP3037079
(21) EP14200134.6
(47) 25.07.2018
(22) 23.12.2014
(54) ABSORBENT CORE COMPRISING A HIGH LOFT CENTRAL LAYER AND CHANNELS
(73) The Procter & Gamble Company
(72) Bianchi, Ernesto Gabriel
Ehrnsperger, Bruno Johannes

(51) A61G 5/04
B60L 11/18
B60B 19/00
B60L 15/20
A61G 5/10
(11) EP2786733
(21) EP12853392.4
(47) 25.07.2018
(87) JP2012007142
06.06.2013
(22) 07.11.2012
(54) ELECTRIC VEHICLE AND CONTROL METHOD FOR ELECTRIC VEHICLE
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) KUME, Yohei
SHIMODA, Tomohiro
OHTA, Akihiro
TSUKADA, Shohei
KAWAKAMI, Hideo
NAKAMURA, Tohru
(31) 2011263297
(32) 01.12.2011
(33) Japan

(51) A61G 7/05
A47C 21/08
(11) EP3178459
(21) EP16200261.2
(47) 25.07.2018
(22) 23.11.2016
(54) BED, IN PARTICULAR HOSPITAL AND/OR CARE BED
(73) Hermann Bock GmbH
(72) Feldotto, Udo
(31) 202015106655 U
202016105499 U
202016105500 U
(32) 07.12.2015
04.10.2016
04.10.2016
(33) Germany
Germany
Germany

(51) A61G 7/057
(11) EP2892488
(21) EP13765577.5
(47) 25.07.2018
(87) US2013058516

13.03.2014
(22) 06.09.2013
(54) LOW-AIR-LOSS (LAL) PATIENT SUPPORT APPARATUSES
(73) Huntleigh Technology Limited
(72) VRZALIK, John, H.
PHILLIPS, Bruce
HONG, K.Z.
(31) 201261698039 P
(32) 07.09.2012
(33) United States of America

(51) A61G 7/057
(11) EP3170486
(21) EP16207157.5
(47) 25.07.2018
(22) 27.09.2012
(54) SYSTEMS, METHODS, AND DEVICES FOR FLUIDIZING A FLUIDIZABLE MEDIUM
(73) Hill-Rom Services, Inc.
(72) KLINK, Kristopher
SAUSER, Frank
LACHENBRUCH, Charles A.
MURPHY, John
(31) 201113246886
(32) 28.09.2011
(33) United States of America

(51) A61H 7/00
A61H 15/00
(11) EP2879643
(21) EP13774798.6
(47) 25.07.2018
(87) IB2013056188
13.02.2014
(22) 29.07.2013
(54) SKIN TREATMENT APPARATUS
(73) Koninklijke Philips N.V.
(72) JURNA, Martin
HORTON, Margaret Ruth
LIU, Yan
PALERO, Jonathan Alambra
(31) 201261679845 P
(32) 06.08.2012
(33) United States of America

(51) A61J 9/04
A61J 11/00
(11) EP2799058
(21) EP14168726.9
(47) 25.07.2018
(22) 22.12.2008
(54) Improvements in and relating to feeding apparatus
(73) HABERMAN PRODUCTS LIMITED
(72) Jones, Colin
Haberman, Mandy
Bottomley, Paul
Resee, Steven
Turner, James
(31) 0725098
(32) 21.12.2007
(33) United Kingdom

(51) A61K 6/00
(11) EP1879539
(21) EP06755464.2
(47) 25.07.2018
(87) FR2006000964
09.11.2006
(22) 28.04.2006
(54) SKIN PROTECTIVE COMPOSITION BASED ON ARAUCARIA GRAIN EXTRACTS
(73) SOCIETE DE RECHERCHE COSMETIQUE SARL
(72) LECLERE, Jacques
(31) 0504370
0504571
(32) 29.04.2005
04.05.2005
(33) France
France

(51) A61K 8/02
A61K 8/26
A61K 8/31
A61K 8/37
A61K 8/81
A61K 8/891
A61K 8/92
A61Q 1/10
A61Q 1/12
(11) EP2214623
(21) EP08855798.8
(47) 25.07.2018
(87) US2008083336
11.06.2009
(22) 13.11.2008
(54) POWDER COSMETIC COMPOSITION
(73) Avon Products, Inc.
(72) SHAH, Arvind N.
KHAN, Raheel
FLEISSMAN, Leona Giat
(31) 949240
(32) 03.12.2007
(33) United States of America

(51) A61K 8/02
A61Q 19/10
(11) EP3013307
(21) EP14742636.5
(47) 25.07.2018
(87) US2014044205
31.12.2014
(22) 26.06.2014
(54) PERSONAL CARE ARTICLES
(73) The Procter & Gamble Company
(72) MCCONAUGHY, Shawn, David
SMITH, Edward, Dewey, III
(31) 201361840084 P
201361840157 P
201361840120 P
201361886502 P
201361886508 P
201361918739 P
(32) 27.06.2013
27.06.2013
27.06.2013
03.10.2013
03.10.2013
20.12.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61K 8/02
A61Q 19/10
A47K 7/03
(11) EP3013431
(21) EP14742635.7
(47) 25.07.2018
(87) US2014044204
31.12.2014
(22) 26.06.2014
(54) PERSONAL CARE COMPOSITIONS AND ARTICLES
(73) The Procter & Gamble Company
(72) MCCONAUGHY, Shawn, David
SMITH, Edward, Dewey, III
KAVALEW, Dale, Gary
(31) 201361840084 P
201361840157 P
201361840120 P
201361886502 P
201361886508 P
201361918739 P
(32) 27.06.2013
27.06.2013
27.06.2013
03.10.2013
03.10.2013
20.12.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) A61K 8/03
A61K 8/58
A61K 8/891
A61Q 5/12
(11) EP2025318
(21) EP08013915.7
(47) 25.07.2018
(22) 04.08.2008
(54) Two-phase composition for conditioning hair
(73) Kao Germany GmbH
(72) Hoffmann, Martin
Molenda, Michael
Förster, Sabine
(31) 07015557
(32) 07.08.2007
(33) European Patent Office (EPO)

(51) A61K 8/04
A61K 8/31
A61K 8/49
A61Q 17/04
(11) EP2570109
(21) EP11188014.2
(47) 25.07.2018
(22) 07.11.2011
(54) Cosmetic sun protection spray
(73) Beiersdorf AG
(72) Zanforlin Trede, Lucia
Gronau, Annette
(31) 102010050774
(32) 10.11.2010
(33) Germany

(51) A61K 8/04
A61K 8/85
A61Q 19/10
A61K 8/02
(11) EP2419080
(21) EP10715424.7
(47) 25.07.2018

(87) US2010031249
21.10.2010
(22) 15.04.2010
(54) MICRONIZED POLYMER POWDER COSMETIC COMPOSITION
(73) Coatings Foreign IP Co. LLC
(72) MAGNIN, Olivier
GHERARDI, Carole
RASPAIL, Vincent
GRANJOU, Ludovic
(31) 09290289
(32) 17.04.2009
(33) European Patent Office (EPO)

(51) A61K 8/06
A61K 8/25
A61K 8/31
A61K 8/37
A61K 8/894
A61Q 1/02
A61Q 19/00
(11) EP2965743
(21) EP14759951.8
(47) 25.07.2018
(87) JP2014055801
12.09.2014
(22) 06.03.2014
(54) WATER-IN-OIL EMULSION COSMETIC COMPOSITION
(73) Shiseido Company Ltd.
(72) KITAJIMA, Masaki
SATO, Tomoko
YAMAKI, Satoshi
(31) 2013046273
(32) 08.03.2013
(33) Japan

(51) A61K 8/11
A61K 8/81
A61K 8/67
A61Q 19/00
C08F 220/18
C08F 220/34
C08G 63/68
(11) EP1937204
(21) EP06799312.1
(47) 25.07.2018
(87) KR2006004238
26.04.2007
(22) 18.10.2006
(54) CATIONIC POLYMER NANOPARTICLES ENCAPSULATING AN ACTIVE INGREDIENTS, AND THE COSMETIC COMPOSITION CONTAINING THE SAME
(73) Amorepacific Corporation
(72) KIM, Yong Jin
KIM, Jin Woong
RYU, Ju Hee
SHIM, Jong Won
KIM, Jun Oh
CHANG, Ih Seop
(31) 20050098057
20060101316
(32) 18.10.2005
18.10.2006
(33) Korea (Republic)
Korea (Republic)

(51) A61K 8/22
A61K 8/23
A61Q 5/08
A61K 8/365
(11) EP2658510
(21) EP11807932.6
(47) 25.07.2018
(87) EP2011073998
05.07.2012
(22) 23.12.2011
(54) BLEACHING COMPOSITION COMPRISING GLUCONIC ACID AND/OR ITS SALTS
(73) Kao Germany GmbH
(72) WOOD, Jonathan
AECHTRNER, Anja
(31) 10016113
(32) 28.12.2010
(33) European Patent Office (EPO)

(51) A61K 8/26
A61K 8/28
A61K 8/31
A61Q 15/00
A61K 8/81
A61K 8/04
A61K 8/90
(11) EP3082720
(21) EP14821145.1
(47) 25.07.2018
(87) EP2014078385
25.06.2015
(22) 18.12.2014
(54) ANHYDROUS ANTIPERSPIRANT COMPOSITION IN AEROSOL FORM COMPRISING AN ANTIPERSPIRANT ACTIVE AGENT AND A WATER-INSOLUBLE FILM-FORMING BLOCK ETHYLENIC POLYMER
(73) L'Oréal
(72) AUBRUN, Odile
JALENQUES, Xavier
SEBILLOTTE-ARNAUD, Laurence
(31) 1363008
(32) 19.12.2013
(33) France

(51) A61K 8/31
A61K 8/41
A61Q 5/10
(11) EP2950774
(21) EP14701764.4
(47) 25.07.2018
(87) EP2014051721
07.08.2014
(22) 29.01.2014
(54) DYE COMPOSITION USING AT LEAST ONE COUPLER OF META-PHENYLENEDIAMINE TYPE SUBSTITUTED IN POSITION 4 IN A MEDIUM COMPRISING A FATTY SUBSTANCE, PROCESSES AND DEVICE
(73) L'Oréal
(72) SABELLE, Stéphane
(31) 1350729
201361773190 P
(32) 29.01.2013
06.03.2013
(33) France
United States of America

(51) A61K 8/31
A61Q 5/08
A61K 8/81
A61K 8/90
A61K 8/92
A61K 8/06
A61K 8/22
(11) EP1877032
(21) EP06764577.0
(47) 25.07.2018
(87) FR2006000973
09.11.2006
(22) 28.04.2006
(54) INVERT EMULSION COMPRISING AN AQUEOUS SOLUTION OF HYDROGEN PEROXIDE AND AN INERT PHASE WITH WATER SOLUBILITY OF LESS THAN 1 %
(73) L'Oréal
(72) KRAVTCHENKO, Sylvain
DUBIEF, Claude
NICOLAS-MORGANTINI, Luc
(31) 0551118
688351 P
(32) 29.04.2005
08.06.2005
(33) France
United States of America

(51) A61K 8/33
A61K 8/42
A61Q 5/04
(11) EP3220880
(21) EP15791319.5
(47) 25.07.2018
(87) EP2015076214
26.05.2016
(22) 10.11.2015
(54) HAIR SHAPING COMPOSITION
(73) Unilever NV
(72) PAUL, Prem, Kumar, Cheyalazhagan
PYE, Susan
(31) 14193420
(32) 17.11.2014
(33) European Patent Office (EPO)

(51) A61K 8/37
A61Q 13/00
A61Q 17/04
A61K 8/06
(11) EP2630947
(21) EP12198397.7
(47) 25.07.2018
(22) 20.12.2012
(54) Stable perfume, waterproof cosmetic preparation
(73) Beiersdorf AG
(72) Zanforlin Trede, Lucia
Blohm, Alexandra
Möllgaard, Svenja Lena
Pasternak, Anja
(31) 102012200071
(32) 04.01.2012
(33) Germany

(51) A61K 8/42
A61K 8/44
A61K 8/63
A61K 8/73
A61K 8/891
A61Q 5/12
(11) EP2138154
(21) EP09160970.1

(47) 25.07.2018
(22) 25.05.2009
(54) Hair rinse with amphotenside and special storage life
(73) Beiersdorf AG
(72) Demitz, Michael
Köhler, Manuela
Saladin, Sandra
Mahadeshwar, Anand
Wendicke, Silke
(31) 102008030138
(32) 27.06.2008
(33) Germany

(51) A61K 8/44
A61Q 5/02
A61Q 19/10
A61K 8/81
(11) EP3220884
(21) EP15797632.5
(47) 25.07.2018
(87) EP2015076480
26.05.2016
(22) 12.11.2015
(54) COMPOSITION COMPRISING SALT OF ACYL GLUTAMATE AS PRIMARY SURFACTANT OR PRIMARY ANIONIC SURFACTANT AND SPECIFIC STRUCTURANT POLYMERS
(73) Unilever N.V.
(72) CARNALI, Joseph, Oreste
SHAH, Pravin
LIU, Hongjie
(31) 14193684
(32) 18.11.2014
(33) European Patent Office (EPO)

(51) A61K 8/66
A61K 8/34
A61K 8/24
A61Q 11/00
(11) EP1952801
(21) EP05857405.4
(47) 25.07.2018
(87) RU2005000601
31.05.2007
(22) 25.11.2005
(54) ORAL CAVITY CARE CURATIVE AND PROPHYLACTIC COMPOSITION
(73) "WDS" Company
(72) MANASHEROV, Tamaz Omarovich
MATELO, Svetlana Konstantinovna
GROSSER, Alexandr Vladimirovich

(51) A61K 8/67
A61K 8/49
A61Q 19/08
(11) EP2649986
(21) EP13156228.2
(47) 25.07.2018
(22) 21.02.2013
(54) Cosmetic composition for rejuvenating the skin
(73) Umbert Millet, Ignacio
(72) Umbert Millet, Ignacio
(31) 201230265
(32) 22.02.2012
(33) Spain

(51) A61K 9/00
A61K 9/08
A61K 31/7004
A61K 45/06
A61K 47/12
A61K 47/26
A61K 31/19
A61K 31/485
(11) EP3003268
(21) EP14727848.5
(47) 25.07.2018
(87) EP2014061664
11.12.2014
(22) 05.06.2014
(54) STABLE ORAL SOLUTIONS FOR COMBINED API
(73) Pharnext
(72) COHEN, Daniel
CHUMAKOV, Ilya
NABIROCHKIN, Serguei
BERTRAND, Viviane
(31) 13170583
(32) 05.06.2013
(33) European Patent Office (EPO)

(51) A61K 9/00
A61K 9/50
A61K 31/495
A61K 9/16
(11) EP3122330
(21) EP15712898.4
(47) 25.07.2018
(87) EP2015056593
01.10.2015
(22) 26.03.2015
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING LEVOCETIRIZINE
(73) UCB FARCHIM, S.A.
(72) FANARA, Domenico
GOOLE, Jonathan
DELEERS, Michel
(31) 14162001
14161997
(32) 27.03.2014
27.03.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 9/00
A61K 9/70
A61K 31/522
A61P 11/06
A61P 11/08
(11) EP3027173
(21) EP14781670.6
(47) 25.07.2018
(87) IB2014063610
05.02.2015
(22) 01.08.2014
(54) TRANSDERMAL ADMINISTRATION SYSTEM FOR USE IN THE TREATMENT OF CHRONIC BRONCHOPULMONARY DISEASES
(73) ABC Farmaceutici S.p.A.
(72) GIRAUDI, Alberto
GIRAUDI, Giovanni
(31) TO20130663
(32) 02.08.2013
(33) Italy

(51) A61K 9/08
A61K 47/20
A61K 31/519
A61P 35/00
(11) EP3124026
(21) EP14886906.8
(47) 25.07.2018
(87) JP2014084543
01.10.2015
(22) 26.12.2014
(54) INJECTION PREPARATION AND METHOD FOR PRODUCING SAME
(73) Fujifilm Corporation
(72) HASHIMOTO, Shinichi
TSUJIHATA, Shigetomo
IZUMI, Yasuyuki
(31) 2014069613
(32) 28.03.2014
(33) Japan

(51) A61K 9/107
A61K 47/14
A61K 47/44
(11) EP2437723
(21) EP10722892.6
(47) 25.07.2018
(87) US2010037077
09.12.2010
(22) 02.06.2010
(54) OMEGA-3 OIL CONTAINING OPHTHALMIC EMULSIONS
(73) Abbott Medical Optics Inc.
(72) YU, Zhi-jian
(31) 476579
(32) 02.06.2009
(33) United States of America

(51) A61K 9/127
(11) EP3135274
(21) EP16188779.9
(47) 25.07.2018
(22) 14.03.2013
(54) LIPOSOME FORMULATION AND MANUFACTURE
(73) Biorest Ltd.
(72) RICHTER, Yoram
ZELIG, Yehuda
ELMALAK, Omar
EYAL, Dror

(51) A61K 9/14
A61K 9/16
A61K 31/55
A61K 9/20
A61P 7/10
(11) EP2586464
(21) EP11797572.2
(47) 25.07.2018
(87) CN2011075131
29.12.2011
(22) 02.06.2011
(54) TOLVAPTAN SOLID DISPERSION AND ITS PREPARATION METHOD
(73) Jiangsu Hengrui Medicine Co. Ltd.
(72) WU, Yuxia
MAO, Shujun
CHEN, Hao
(31) 201010224884
(32) 25.06.2010
(33) China

(51) A61K 9/14
A61K 9/70
C08L 67/04
(11) EP3108881
(21) EP16178875.7

(47) 25.07.2018
(22) 30.03.2012
(54) NONWOVEN MEMBRANE AS A DRUG DELIVERY SYSTEM
(73) Hospital Sant Joan de Deu
Universitat Politécnica De Catalunya
(72) Tornero Garcia, Jose Antonio
Montero Carcaboso, Angel
Bertran Llavina, Joan

(51) A61K 9/14
A61K 47/12
A61K 47/18
A61K 47/26
A61K 39/395
(11) EP2793863
(21) EP12816095.9
(47) 25.07.2018
(87) GB2012053265
27.06.2013
(22) 24.12.2012
(54) METHOD FOR PREPARING AMORPHOUS PRECIPITATED PROTEIN PARTICLES
(73) University of Strathclyde
(72) VOS, Jan
MACLEOD, Andrew John
MOORE, Barry Douglas
(31) 201122408
(32) 23.12.2011
(33) United Kingdom

(51) A61K 9/16
A61K 9/48
A61K 31/485
A61K 31/138
A61K 9/20
A61K 9/28
A61K 9/24
A61K 31/437
A61K 31/4458
(11) EP2187873
(21) EP08797716.1
(47) 25.07.2018
(87) US2008072914
19.02.2009
(22) 12.08.2008
(54) ABUSE RESISTANT DRUGS, METHOD OF USE AND METHOD OF MAKING
(73) Abuse Deterrent Pharmaceutical LLC
(72) SHAH, Manish S.
DIFALCO, Ray J.
(31) 955584 P
(32) 13.08.2007
(33) United States of America

(51) A61K 9/20
A61K 9/24
A61K 31/155
A61K 45/06
A61K 31/70
A61K 31/7004
A61K 31/7034
A61K 31/7042
(11) EP2498758
(21) EP10782113.4
(47) 25.07.2018
(87) US2010056529
19.05.2011
(22) 12.11.2010
(54) BILAYER TABLET FORMULATIONS
(73) AstraZeneca AB
AstraZeneca UK Limited
(72) ABEBE, Admassu
MARTIN, Kyle
PATEL, Jatin, M.
DESAI, Divyakant
TIMMINS, Peter
(31) 261087 P
(32) 13.11.2009
(33) United States of America

(51) A61K 9/24
(11) EP3054926
(21) EP14786421.9
(47) 25.07.2018
(87) US2014059310
16.04.2015
(22) 06.10.2014
(54) HIV TREATMENT FORMULATION OF ATAZANAVIR AND COBICISTAT
(73) Bristol-Myers Squibb Holdings Ireland
(72) KOO, Otilia May Yue
NIKFAR, Faranak
TAO, Jing
KOTTALA, Niranjan Kumar
VARIA, Sailesh A.
(31) 201361887574 P
(32) 07.10.2013
(33) United States of America

(51) A61K 9/70
A61K 47/02
A61K 47/10
A61K 47/14
A61K 47/32
A61K 47/34
A61K 31/405
A61K 31/663
(11) EP2671572
(21) EP12741642.8
(47) 25.07.2018
(87) JP2012052307
09.08.2012
(22) 01.02.2012
(54) PATCH AND PATCH PREPARATION
(73) Nitto Denko Corporation
(72) NISHIMURA, Masato
IWAO, Yoshihiro
OKADA, Katsuhiro
MATSUOKA, Kensuke
(31) 2011021200
(32) 02.02.2011
(33) Japan

(51) A61K 31/167
A61K 38/22
A61P 25/00
(11) EP3189835
(21) EP17153823.4
(47) 25.07.2018
(22) 27.02.2012
(54) MEDICAL AGENT FOR SUPPRESSING MALIGNANT TUMOR METASTASIS
(73) National Cerebral and Cardiovascular Center
OSAKA UNIVERSITY
Shionogi & Co., Ltd.
(72) KANGAWA, Kenji
HOSODA, Hiroshi
NOJIRI, Takashi
OKUMURA, Meinoshin
(31) 2011041263
(32) 28.02.2011
(33) Japan

(51) A61K 31/192
A61K 31/603
(11) EP1656147
(21) EP04764262.4
(47) 25.07.2018
(87) EP2004009276
24.02.2005
(22) 18.08.2004
(54) DIFLUNISAL FOR THE TREATMENT OF CANCER
(73) Kreutz, Werner
(72) Kreutz, Werner
(31) 495896 P
10338090
(32) 19.08.2003
19.08.2003
(33) United States of America
Germany

(51) A61K 31/192
A61K 45/06
(11) EP1937244
(21) EP06825280.8
(47) 25.07.2018
(87) US2006038252
12.04.2007
(22) 02.10.2006
(54) TREATMENT OF CANCER WITH SPECIFIC RXR AGONISTS
(73) Io Therapeutics, LLC
(72) CHANDRARATNA, Roshantha, A.
(31) 722264 P
(32) 30.09.2005
(33) United States of America

(51) A61K 31/198
A61K 31/519
C07D 487/04
(11) EP3034075
(21) EP15191241.7
(47) 25.07.2018
(22) 19.11.2007
(54) IMIDAZOTRIAZINES AND IMIDAZOPYRIMIDINES AS KINASE INHIBITORS
(73) Incyte Holdings Corporation
(72) ZHUO, Jincong
METCALF, Brian
XU,Meizhong
HE, Chunhong
ZHANG, Colin
QIAN, Ding-quan
BURNS, David M.
LI, Yunlong
YAO, Wenqing
(31) 860840 P
861459 P
957236 P
(32) 22.11.2006
29.11.2006
22.08.2007
(33) United States of America
United States of America
United States of America

(51) A61K 31/337
A61K 31/475
A61K 31/517
A61K 31/529

A61K 33/24
A61P 25/00
A61P 25/02
A61K 45/06
(11) EP2394646
(21) EP11180427.4
(47) 25.07.2018
(22) 26.03.2007
(54) Use of sodium channel blockers for the treatment of neuropathic pain developing as a consequence of chemotherapy
(73) Wex Medical Limited
(72) Buschmann, Helmut Heinrich
Vela Hernández, José Miguel
Baeyens-Cabrera, José Manuel
(31) 06384006
06025476
(32) 27.03.2006
08.12.2006
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 31/351
A61K 31/435
A61K 9/00
(11) EP2654714
(21) EP11806039.1
(47) 25.07.2018
(87) US2011064115
28.06.2012
(22) 09.12.2011
(54) A drug eluting patch for the treatment of localized tissue disease or defect
(73) Cormatrix Cardiovascular, Inc.
(72) MATHENY, Robert G.
(31) 201061425172 P
(32) 20.12.2010
(33) United States of America

(51) A61K 31/366
A61K 31/352
A61P 17/00
A61K 9/00
(11) EP2349254
(21) EP09827701.5
(47) 25.07.2018
(87) KR2009006744
27.05.2010
(22) 17.11.2009
(54) SKIN EXTERNAL COMPOSITION FOR INHIBITING EPIDERMAL HYPERPROLIFERATION AND ALLEVIATING INFLAMMATORY SKIN DISEASES CONTAINING ORTHO-DIHYDROXYISOFLAVONE DERIVATIVES
(73) Amorepacific Corporation
(72) PARK, Jun Seong
PARK, Hye Yoon
KIM, Dong Hyun
LEE, Sang Min
SHIN, Dong Wook
KIM, Shin Hyoung
NOH, Min Soo
KIM, Duck Hee
KIM, Han Kon
(31) 20080114594
(32) 18.11.2008
(33) Korea (Republic)

(51) A61K 31/40
A61P 17/02
A61P 17/10
A61P 17/12
A61P 17/16
A61K 8/44
A61K 8/67
A61K 8/81
A61K 8/06
(11) EP2854802
(21) EP13726504.7
(47) 25.07.2018
(87) EP2013061201
05.12.2013
(22) 30.05.2013
(54) TOPICAL OIL IN WATER EMULSION COMPOSITIONS COMPRISING A RETINOID
(73) Galderma Research & Development
(72) DUPRAT, Agnès
MALLARD, Claire
(31) 1255094
201261654729 P
(32) 01.06.2012
01.06.2012
(33) France
United States of America

(51) A61K 31/4015
A61K 8/49
A61K 31/4166
A61P 43/00
A61Q 19/08
A61Q 19/02
(11) EP2484359
(21) EP10820611.1
(47) 25.07.2018
(87) JP2010066998
07.04.2011
(22) 29.09.2010
(54) HEPARANASE ACTIVITY INHIBITOR
(73) SHISEIDO COMPANY, LTD.
(72) IRIYAMA, Shunsuke
FUKUNISHI, Hirotada
SUETSUGU, Masaru
AMANO, Satoshi
(31) 2009228406
(32) 30.09.2009
(33) Japan

(51) A61K 31/404
A61K 31/407
A61K 31/4164
A61K 31/4178
A61K 31/4184
A61K 31/423
A61K 31/428
A61K 31/44
A61K 31/4439
A61K 31/496
A61K 31/497
A61K 31/498
A61K 31/505
A61K 31/506
A61K 31/519
A61K 31/53
A61K 45/06
A61L 31/16
A61P 41/00
(11) EP2291197
(21) EP09763577.5
(47) 25.07.2018
(87) US2009046970
17.12.2009
(22) 11.06.2009
(54) USE OF A HISTAMINE H4 ANTAGONIST FOR THE TREATMENT OF POST-OPERATIVE ADHESIONS
(73) Janssen Pharmaceutica NV
(72) THURMOND, Robin, L.
WADSWORTH, Scott, A.
(31) 61046 P
(32) 12.06.2008
(33) United States of America

(51) A61K 31/407
A61K 31/43
A61K 31/431
A61K 31/546
A61K 31/04
(11) EP2714034
(21) EP11761404.0
(47) 25.07.2018
(87) IB2011053398
06.12.2012
(22) 01.08.2011
(54) COMPOSITIONS COMPRISING CEFEPIME AND TAZOBACTAM
(73) Wockhardt Limited
(72) BHAGWAT, Sachin Subhash
JAFRI, Mohammad Alam
PATEL, Mahesh Vithalbhai
(31) 1587MU2011
(32) 28.05.2011
(33) India

(51) A61K 31/4164
A61K 31/4174
A61K 31/4178
A61K 31/506
A61K 45/06
C07D 233/64
C07D 239/47
C07D 401/12
C07D 403/12
C07D 405/06
C07D 403/06
C07D 405/12
C07D 413/12
C07D 417/12
C07F 9/6571
(11) EP2841070
(21) EP13719691.1
(47) 25.07.2018
(87) US2013037765
31.10.2013
(22) 23.04.2013
(54) DESIGN AND SYNTHESIS OF NOVEL INHIBITORS OF ISOPRENOID BIOSYNTHESIS
(73) Board Of Trustees Of Northern Illinois University
Emerald Biostructures Inc.
(72) HAGEN, Timothy J.
ZHANG, Zheng
LAZOWSKI, Zachary
CLARE, Michael
BEGLEY, Darren W.
(31) 201261637642 P
201261701269 P
201261703145 P

(32) 24.04.2012
14.09.2012
19.09.2012
(33) United States of America
United States of America
United States of America

(51) A61K 31/44
A61K 45/06
A61K 9/16
A61K 9/20
A61K 9/28
A61K 9/48
A61K 9/50
A61K 31/435
(11) EP2112920
(21) EP04737769.2
(47) 25.07.2018
(87) CA2004000825
29.12.2004
(22) 03.06.2004
(54) PROTON PUMP-INHIBITOR-CONTAINING CAPSULES WHICH COMPRISE SUBUNITS DIFFERENTLY STRUCTURED FOR A DELAYED RELEASE OF THE ACTIVE INGREDIENT
(73) INTELLIPHARMACEUTICS CORP.
(72) ODIDI Isa
ODIDI Amina
(31) 482439 P
548903 P
(32) 26.06.2003
02.03.2004
(33) United States of America
United States of America

(51) A61K 31/506
A61P 31/16
(11) EP3141252
(21) EP16181549.3
(47) 25.07.2018
(22) 17.06.2010
(54) INHIBITORS OF INFLUENZA VIRUSES REPLICATION
(73) Vertex Pharmaceuticals Inc.
(72) CHARIFSON, Paul
CLARK, Michael, P.
BANDARAGE, Upul, K.
BETHIEL, Randy, S.
COURT, John, J.
DENG, Hongbo
DRUTU, Ioana
DUFFY, John, P.
FARMER, Luc
GAO, Huai
GU, Wenxin
JACOBS, Dylan, H.
KENNEDY, Joseph, M.
LEDEBOER, Mark, W.
LEDFORD, Brian
MALTAIS, Francois
PEROLA, Emanuele
WANG, Tiansheng
WANNAMAKER, M., Woods
BYRN, Randal
ZHOU, Yi
LIN, Chao
JIANG, Min
GERMANN, Ursula, A.
JONES, Steven
SALITURO, Francesco G.
KWONG, Ann Dak-Yee
(31) 187713 P
287781 P
(32) 17.06.2009
18.12.2009
(33) United States of America
United States of America

(51) A61K 31/519
A61K 9/08
A61K 47/04
A61K 47/12
A61K 47/14
A61K 47/18
A61K 47/22
A61P 35/00
A61K 9/00
A61K 47/20
(11) EP3040074
(21) EP14850877.3
(47) 25.07.2018
(87) JP2014076456
09.04.2015
(22) 02.10.2014
(54) INJECTION PREPARATION AND METHOD FOR PRODUCING SAME
(73) Fujifilm Corporation
(72) HASHIMOTO, Shinichi
TSUJIHATA, Shigetomo
IZUMI, Yasuyuki
(31) 2013208351
2013246565
2014072126
(32) 03.10.2013
28.11.2013
31.03.2014
(33) Japan
Japan
Japan

(51) A61K 31/53
C07D 487/04
(11) EP2854813
(21) EP13798069.4
(47) 25.07.2018
(87) IL2013050461
05.12.2013
(22) 30.05.2013
(54) PYRAZOLOTRIAZOLYL NUCLEOSIDE ANALOGUES AND OLIGONUCLEOTIDES COMPRISING THEM
(73) Bio-Lab Ltd.
(72) TRUFFERT, Jean-Christophe
LEFOIX, Myriam
HILDESHEIM, Jean
KLEINMAN, Tirtsa
(31) 201261653528 P
(32) 31.05.2012
(33) United States of America

(51) A61K 31/535
C07D 401/06
C07D 209/10
C07D 209/14
(11) EP2800569
(21) EP13733561.8
(47) 25.07.2018
(87) US2013020543
11.07.2013
(22) 07.01.2013
(54) ALLOSTERIC MODULATORS OF CB1 CANNABINOID RECEPTORS
(73) Northeastern University
(72) THAKUR, Ganeshsingh, A.
KULKARNI, Pushkar, M.
(31) 201261583380 P
(32) 05.01.2012
(33) United States of America

(51) A61K 31/7034
A61K 31/70
A61K 38/17
A61K 38/16
A61K 9/12
A61K 9/72
(11) EP2833891
(21) EP13772867.1
(47) 25.07.2018
(87) US2013031970
10.10.2013
(22) 15.03.2013
(54) COMPOSTION FOR TREATMENT OF CYSTIC FIBROSIS AND FOR INDUCTION OF ION SECRETION
(73) University of Florida Research Foundation, Inc.
(72) VIDYASAGAR, Sadasivan
OKUNIEFF, Paul
PRABHAKARAN, Sreekala
ZHANG, Lurong
(31) 201261620758 P
201261637675 P
(32) 05.04.2012
24.04.2012
(33) United States of America
United States of America

(51) A61K 31/7048
A61K 31/7052
A61K 31/215
A61K 31/496
A61K 31/65
A61K 45/06
A01N 37/44
A01N 43/90
A61P 31/00
A61P 33/14
(11) EP3169156
(21) EP15738721.8
(47) 25.07.2018
(87) FR2015051604
21.01.2016
(22) 17.06.2015
(54) ASSOCIATION OF IVERMECTIN AND ANTIBIOTIC COMPOUNDS FOR THE THERAPEUTIC TREATMENT OF LICE
(73) Fondation Méditerranée Infection
Université d'Aix-Marseille
(72) RAOULT, Didier
ROLAIN, Jean-Marc
SANGARE, Abdoul Karim
(31) 1456986
(32) 18.07.2014
(33) France

(51) A61K 31/7105
A61K 48/00
(11) EP2968586
(21) EP14718284.4
(47) 25.07.2018

(87) US2014028849
25.09.2014
(22) 14.03.2014
(54) CFTR MRNA COMPOSITIONS AND RELATED METHODS AND USES
(73) Translate Bio, Inc.
Ethris GmbH
(72) HEARTLEIN, Michael
GUILD, Braydon, Charles
DEROSA, Frank
RUDOLPH, Carsten
PLANK, Christian
SMITH, Lianne
(31) 201361783663 P
(32) 14.03.2013
(33) United States of America

(51) A61K 31/713
C07K 14/435
C12N 15/11
A61K 39/395
(11) EP2257299
(21) EP09718390.9
(47) 25.07.2018
(87) US2009035831
11.09.2009
(22) 03.03.2009
(54) MODULATION OF SRPX2-MEDIATED ANGIOGENESIS
(73) Research Development Foundation
(72) IMHOF, Beat, A.
MILJKOVIC-LICINA, Marijana
HAMMEL, Philippe
(31) 34786 P
(32) 07.03.2008
(33) United States of America

(51) A61K 31/715
A61P 7/04
(11) EP2809326
(21) EP13704317.0
(47) 25.07.2018
(87) US2013023892
08.08.2013
(22) 30.01.2013
(54) NON-ANTICOAGULANT SULFATED OR SULFONATED POLYSACCHARIDES
(73) Baxalta Incorporated
Baxalta GmbH
(72) DOCKAL, Michael
SCHEIFLINGER, Fritz
KNAPPE, Sabine
TILL, Susanne
HAI, Ton
SANDERS, Paul
DANDE, Prasad
JIANG, Cong
(31) 201261592549 P
(32) 30.01.2012
(33) United States of America

(51) A61K 31/718
A61K 36/81
A61P 1/00
A61P 1/12
A23K 50/60
A23K 50/30
A23K 10/35
A23K 20/163
(11) EP2892540
(21) EP13835197.8
(47) 25.07.2018
(87) CA2013050689
13.03.2014
(22) 06.09.2013
(54) TREATMENT OF DIARRHEA AND POST-WEANING DIARRHEA WITH RESISTANT POTATO STARCH
(73) Mcpharma Biotech Inc.
(72) MCLAREN, Derek
MCLAREN, Earl
(31) 201261697440 P
(32) 06.09.2012
(33) United States of America

(51) A61K 31/737
A61K 45/06
A61P 1/00
A61P 9/00
A61P 11/00
A61P 13/00
A61P 15/00
A61P 17/00
A61P 19/00
A61P 25/00
A61P 27/02
A61P 29/00
A61P 31/00
A61P 37/00
(11) EP2579715
(21) EP11793068.5
(47) 25.07.2018
(87) US2011039550
15.12.2011
(22) 08.06.2011
(54) HYALURONANS FOR TREATING OR PREVENTING INFLAMMATION CAUSED BY A PERIODONTAL DISEASE
(73) University of Utah Research Foundation
(72) PRESTWICH, Glenn, D.
OOTTAMASATHEIN, Siam
KENNEDY, Thomas
(31) 201113069860
352550 P
(32) 23.03.2011
08.06.2010
(33) United States of America
United States of America

(51) A61K 33/38
A61K 31/28
A61Q 11/00
A61Q 15/00
A61Q 19/10
A61K 47/14
A61K 9/10
A61K 8/02
A61K 8/04
A61K 8/19
A61K 9/51
A61L 15/18
A61L 15/28
A61L 15/46
C22B 3/00
C22C 5/06
B22F 9/20
B82Y 30/00
(11) EP2900248
(21) EP13841819.9
(47) 25.07.2018
(87) US2013062719
03.04.2014
(22) 30.09.2013
(54) METHODS OF MAKING SILVER NANOPARTICLES AND THEIR APPLICATIONS
(73) Stelo Technologies
(72) ZHANG, Jingwu
SHACHAF, Catherine
(31) 201261744542 P
(32) 28.09.2012
(33) United States of America

(51) A61K 33/40
A61P 29/00
(11) EP1993570
(21) EP07717981.0
(47) 25.07.2018
(87) US2007060860
26.07.2007
(22) 22.01.2007
(54) METHODS OF TREATING OR PREVENTING PERITONITIS WITH OXIDATIVE REDUCTIVE POTENTIAL WATER SOLUTION
(73) Sonoma Pharmaceuticals, Inc.
(72) ALIMI, Hojabr
GUTIÉRREZ, Andrés
(31) 760557 P
760567 P
760635 P
760645 P
(32) 20.01.2006
20.01.2006
20.01.2006
20.01.2006
(33) United States of America
United States of America
United States of America
United States of America

(51) A61K 33/40
A61P 29/00
(11) EP1993571
(21) EP07718160.0
(47) 25.07.2018
(87) US2007060854
26.07.2007
(22) 22.01.2007
(54) METHODS OF TREATING OR PREVENTING INFLAMMATION AND HYPERSENSITIVITY WITH OXIDATIVE REDUCTIVE POTENTIAL WATER SOLUTION
(73) Sonoma Pharmaceuticals, Inc.
(72) ALIMI, Hojabr
GUTIÉRREZ, Andrés
(31) 760557 P
760567 P
760635 P
760645 P
(32) 20.01.2006
20.01.2006
20.01.2006
20.01.2006
(33) United States of America
United States of America
United States of America
United States of America

(51) A61K 35/12
A61K 35/28

A61K 35/32
A61P 19/02
A61P 19/04
(11) EP2303290
(21) EP09768629.9
(47) 25.07.2018
(87) AU2009000817
30.12.2009
(22) 25.06.2009
(54) REPAIR AND/OR RECONSTITUTION OF INVERTEBRAL DISCS
(73) Mesoblast, Inc.
(72) GHOSH, Peter
(31) 133111 P
(32) 25.06.2008
(33) United States of America

(51) A61K 35/12
A61K 35/30
A61K 35/76
A61K 38/45
A61K 48/00
A61P 25/28
C12Q 1/02
C12Q 1/25
C12N 5/10
C12N 9/00
C12N 15/09
G01N 33/50
(11) EP2436387
(21) EP10780502.0
(47) 25.07.2018
(87) JP2010058722
02.12.2010
(22) 24.05.2010
(54) PHARMACEUTICAL COMPOSITION COMPRISING CRBN FOR USE IN TREATING A DISEASE OF THE CEREBRAL CORTEX
(73) Celgene Corporation
(72) HANDA, Hiroshi
ANDO, Hideki
ITO, Takumi
HOTTA, Kentaro
(31) 2009124811
(32) 25.05.2009
(33) Japan

(51) A61K 35/12
A61K 35/50
C12N 5/073
(11) EP2977445
(21) EP15183125.2
(47) 25.07.2018
(22) 29.11.2010
(54) ADHERENT CELLS FROM PLACENTA AND USE OF SAME IN DISEASE TREATMENT
(73) Pluristem Ltd.
(72) ABERMAN, Zami
(31) 272985 P
371459 P
(32) 30.11.2009
06.08.2010
(33) United States of America
United States of America

(51) A61K 35/644
A61K 36/185
A61K 36/31
A61P 29/00
A61P 25/20
(11) EP3134097
(21) EP15723048.3
(47) 25.07.2018
(87) IN2015000067
11.09.2015
(22) 04.02.2015
(54) COMPOSITION FOR RELIEVING PAIN, STRESS AND INSOMNIA
(73) Bansal, Ashvany Kumar
(72) Bansal, Ashvany Kumar
(31) 394MU2014
(32) 04.02.2014
(33) India

(51) A61K 35/74
C12N 1/20
A23C 9/152
(11) EP2477638
(21) EP10817876.5
(47) 25.07.2018
(87) US2010049225
24.03.2011
(22) 17.09.2010
(54) PROBIOTIC STABILIZATION
(73) MJN U.S. Holdings LLC
(72) RANGAVAJLA, Nagendra
CEVALLOS, Bolivar
(31) 563157
(32) 20.09.2009
(33) United States of America

(51) A61K 35/768
A61K 35/00
C12N 15/86
A61P 35/00
(11) EP2971008
(21) EP14770520.6
(47) 25.07.2018
(87) US2014029587
25.09.2014
(22) 14.03.2014
(54) ONCOLYTIC ADENOVIRUS COMPOSITIONS
(73) Salk Institute for Biological Studies
(72) O'SHEA, Clodagh
MIYAKE-STONER, Shigeki
(31) 201361782932 P
(32) 14.03.2013
(33) United States of America

(51) A61K 36/18
A61K 8/49
A61K 8/97
A61K 31/215
A61K 31/365
A61K 36/00
A61K 36/73
A61Q 19/00
A61P 29/02
(11) EP2275113
(21) EP09725050.0
(47) 25.07.2018
(87) JP2009001363
01.10.2009
(22) 26.03.2009
(54) SKIN CIRCULATION-IMPROVING AGENT AND SKIN TEMPERATURE-ELEVATING AGENT
(73) Shiseido Company, Ltd.
(72) MORI, Keiko
KATSUYAMA, Masako
GOZU, Yoko
HAZE, Shinichiro
JOUICHI, Atsushi
TERAJIMA, Yushi
(31) 2008085350
(32) 28.03.2008
(33) Japan

(51) A61K 36/748
A61K 36/896
A61K 36/8966
A61K 36/074
A61K 36/24
A61K 36/344
A61K 36/41
A61K 36/481
A61K 36/539
C08B 37/00
A23L 33/105
A61K 31/732
(11) EP2701714
(21) EP12720687.8
(47) 25.07.2018
(87) NL2012050292
01.11.2012
(22) 27.04.2012
(54) METHOD FOR ISOLATION OF POLYSACCHARIDES
(73) NutriLeads B.V.
(72) HELIN, Jari
KOEK, Jean Hypolites
(31) 11164258
(32) 29.04.2011
(33) European Patent Office (EPO)

(51) A61K 36/81
A61P 9/12
A23L 33/105
A61K 9/20
A61K 9/48
(11) EP2844083
(21) EP13719356.1
(47) 25.07.2018
(87) US2013037524
31.10.2013
(22) 22.04.2013
(54) USE OF TOMATO EXTRACT AS ANTIHYPERTENSIVE AGENT AND PROCESS FOR MAKING WATER SOLUBLE SUGAR FREE TOMATO EXTRACT
(73) University of Oslo
(72) DUTTAROY, Asim K.
(31) 201261636813 P
(32) 23.04.2012
(33) United States of America

(51) A61K 36/82
A61K 36/15
A61K 36/53
A61K 36/736
A61K 9/48
A61K 31/09
A61K 31/122
C07C 41/26
A61K 47/04
A61K 47/10
A61K 47/12
A61K 47/14
A61K 47/44

A61K 47/46
A61P 17/18
A61P 39/06
C07C 41/46
C07C 43/23
(11) EP2489652
(21) EP10823202.6
(47) 25.07.2018
(87) JP2010006103
21.04.2011
(22) 14.10.2010
(54) METHOD FOR PRODUCING REDUCED COENZYME Q10, METHOD FOR STABILIZING SAME, AND COMPOSITION COMPRISING SAME
(73) Kaneka Corporation
(72) YAMAGUCHI, Takao
JIKIHARA, Takaaki
KITAMURA, Shiro
UEDA, Yasuyoshi
(31) 2009239741
(32) 16.10.2009
(33) Japan

(51) A61K 38/00
A61K 38/16
A61K 39/00
A61K 39/38
C12P 1/00
C12N 15/74
A01N 37/18
(11) EP2591793
(21) EP12005556.1
(47) 25.07.2018
(22) 10.03.2000
(54) Treatment of autoimmune disease
(73) The General Hospital Corporation
(72) Faustman, Denise
(31) 123738 P
521064
(32) 10.03.1999
08.03.2000
(33) United States of America
United States of America

(51) A61K 38/06
A61K 38/07
A61K 38/08
A61K 38/10
A61K 31/55
A61K 38/04
A61K 38/16
A61K 38/46
A61K 9/70
A61K 38/02
A61K 9/00
A61K 31/352
A61K 31/4422
A61K 47/64
C12N 9/12
A61P 25/00
(11) EP2601964
(21) EP12177074.7
(47) 25.07.2018
(22) 21.03.2006
(54) Balanol compounds for use in treating pain
(73) The Trustees of Columbia University in the City of New York
(72) Ambron, Richard
Sung, Ying-Ju
Landry, Donald W
Deng, Shi-Zian
(31) 664071 P
713435 P
(32) 21.03.2005
01.09.2005
(33) United States of America
United States of America

(51) A61K 38/10
C07K 7/08
(11) EP3069727
(21) EP15160116.8
(47) 25.07.2018
(22) 20.03.2015
(54) PHARMACEUTICAL COMPOSITION FOR CANCER PREVENTION AND TREATMENT CONTAINING PEPTIDE ORIGINATED FROM C12ORF59 PROTEIN AS AN ACTIVE INGREDIENT
(73) Korea Research Institute of Bioscience and Biotechnology
(72) Kim, Semi
Lee, Yunhee

(51) A61K 38/17
A61P 25/00
G01N 33/50
A61P 1/00
C12N 15/00
C12N 15/85
(11) EP2091556
(21) EP07868766.2
(47) 25.07.2018
(87) US2007084877
22.05.2008
(22) 15.11.2007
(54) NON-HUMAN ANIMAL COMPRISING A MUTATION IN THE SREB2/GPR85 GENE AS ANIMAL MODEL OF METABOLIC DISEASE
(73) Omeros Corporation
(72) GAITANARIS, George A.
GRAGEROV, Alexander
HOHMANN, John G.
PAVLOVA, Maria N.
ZENG, Hongkui
(31) 859469 P
859470 P
859473 P
(32) 15.11.2006
15.11.2006
15.11.2006
(33) United States of America
United States of America
United States of America

(51) A61K 38/18
A61K 39/395
A61K 38/00
(11) EP2968466
(21) EP14773506.2
(47) 25.07.2018
(87) US2014026841
02.10.2014
(22) 13.03.2014
(54) FORMULATIONS WITH REDUCED OXIDATION
(73) F.Hoffmann-La Roche AG
(72) ALAVATTAM, Sreedhara
MALLANEY, Mary
GREWAL, Parbir
(31) 201361780845 P
201361909813 P
(32) 13.03.2013
27.11.2013
(33) United States of America
United States of America

(51) A61K 38/22
A61K 38/27
C07K 14/61
C07K 14/46
A23K 10/16
A23K 10/18
A23K 50/75
A23K 50/80
(11) EP2887819
(21) EP13831309.3
(47) 25.07.2018
(87) IL2013050712
27.02.2014
(22) 21.08.2013
(54) TRANSGENIC MICROALGAE AND USE THEREOF FOR ORAL DELIVERY OF PROTEINS
(73) Transalgae (Israel) Ltd
(72) MOSHITZKY, Shiri
EISENSTADT, Doron
LEVI, Guy
CHEN, Ofra
(31) 201261692240 P
201361781103 P
(32) 23.08.2012
14.03.2013
(33) United States of America
United States of America

(51) A61K 38/24
A61P 5/06
(11) EP3195875
(21) EP17154031.3
(47) 25.07.2018
(22) 08.08.2012
(54) COMPOSITION FOR CONTROLLED OVARIAN STIMULATION
(73) Ferring BV
(72) ARCE, Joan-Carles
(31) 11176803
(32) 08.08.2011
(33) European Patent Office (EPO)

(51) A61K 38/28
C07K 14/62
(11) EP2931301
(21) EP13864587.4
(47) 25.07.2018
(87) US2013074570
26.06.2014
(22) 12.12.2013
(54) PROCESS FOR PURIFYING INSULIN AND ANALOGUES THEREOF
(73) Merck Sharp & Dohme Corp.
(72) COLEMAN, Michael, P.
ORTIGOSA, Allison, D.
SLEEVI, Mark, C.
CHOW, Kartoa
(31) 201261738015 P
(32) 17.12.2012
(33) United States of America

(51) A61K 38/47
A61K 38/48

A61K 38/54
A61K 31/095
A61K 31/21
A61P 35/00
(11) EP3095458
(21) EP16174383.6
(47) 25.07.2018
(22) 22.10.2010
(54) PHARMACEUTICAL COMPOSITION FOR TREATING CANCER COMPRISING TRYPSINOGEN AND CHYMOTRYPSINOGEN
(73) Propanc Pty Ltd
(72) Kenyon, Julian Norman
Clayton, Paul Rodney
Tosh, David
Felquer, Fernando
Brandt, Ralf
(31) 2009905147
2010902655
(32) 22.10.2009
17.06.2010
(33) Australia
Australia

(51) A61K 39/00
C07K 14/71
C07K 16/28
(11) EP2718323
(21) EP12727726.7
(47) 25.07.2018
(87) US2012040941
13.12.2012
(22) 05.06.2012
(54) HUMAN ANTIGEN BINDING PROTEINS THAT BIND TO A COMPLEX COMPRISING BETA-KLOTHO AND AN FGFR1c
(73) Amgen Inc.
(72) LI, Yang
STEVENS, Jennitte
KING, Chadwick, Terence
FOLTZ, Ian
KANNAN, Gunasekaran
YIE, Junming
HU, Shaw-Fen, Sylvia
(31) 201161493933 P
201161501133 P
201161537998 P
201213487061
(32) 06.06.2011
24.06.2011
22.09.2011
01.06.2012
(33) United States of America
United States of America
United States of America
United States of America

(51) A61K 39/295
A61K 39/145
C07K 19/00
A61P 31/16
A61K 39/00
A61K 39/12
C12N 7/00
(11) EP2956168
(21) EP14751295.8
(47) 25.07.2018
(87) RU2014000096
21.08.2014
(22) 14.02.2014
(54) POLYVALENT FUSION PROTEIN VACCINE AGAINST INFLUENZA
(73) Obshchestvo s Organichennoy Otvetstvennostyu "Aktivnye Biosistemy" (OOO "ABS")
(72) DUKHOVLINOV, Ilya Vladimirovich
ORLOV, Anton Iosifovich
TSYBALOVA, Ljudmila Markovna
KISELEV, Oleg Ivanovich
(31) 2013107777
(32) 15.02.2013
(33) Russian Federation

(51) A61K 39/395
A61P 19/08
A61P 35/00
(11) EP2825553
(21) EP13712987.0
(47) 25.07.2018
(87) US2013030636
19.09.2013
(22) 13.03.2013
(54) MULTISPECIFIC ANTIGEN-BINDING MOLECULES AND USES THEREOF
(73) Regeneron Pharmaceuticals, Inc.
(72) PAPADOPOULOS, Nicholas, J.
MURPHY, Andrew, J.
ECONOMIDES, Aris N.
CYGNAR, Katherine, Diana
(31) 201261610494 P
201261721831 P
201361751286 P
(32) 14.03.2012
02.11.2012
11.01.2013
(33) United States of America
United States of America
United States of America

(51) A61K 39/395
A61P 35/00
G01N 33/50
G01N 33/574
C07K 16/28
(11) EP2817619
(21) EP13752111.8
(47) 25.07.2018
(87) US2013027475
29.08.2013
(22) 22.02.2013
(54) PREDICTION OF RESPONSIVENESS TO TREATMENT WITH IMMUNOMODULATORY THERAPEUTICS AND METHOD OF MONITORING ABSCOPAL EFFECTS DURING SUCH TREATMENT
(73) Sloan Kettering Institute For Cancer Research
(72) LESOKHIN, Alexander, M.
WOLCHOK, Jedd, D.
(31) 201261602190 P
(32) 23.02.2012
(33) United States of America

(51) A61K 39/395
C07K 16/18
C07K 16/40
(11) EP2521568
(21) EP11732145.5
(47) 25.07.2018
(87) US2011020377
14.07.2011
(22) 06.01.2011
(54) PLASMA KALLIKREIN BINDING PROTEINS
(73) Dyax Corp.
(72) SEXTON, Daniel, J.
VISWANATHAN, Malini
(31) 292614 P
(32) 06.01.2010
(33) United States of America

(51) A61K 39/395
C07K 16/22
C07K 16/28
A61K 39/00
(11) EP3082857
(21) EP14821592.4
(47) 25.07.2018
(87) EP2014078233
25.06.2015
(22) 17.12.2014
(54) COMBINATION THERAPY WITH AN ANTI-ANG2 ANTIBODY AND A CD40 AGONIST
(73) F. Hoffmann-La Roche AG
(72) KLEIN, Christian
MUELLER, Philipp
THOMAS, Markus
ZIPPELIUS, Alfred
(31) 13198753
14158331
(32) 20.12.2013
07.03.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) A61K 39/395
C07K 16/28
(11) EP1948694
(21) EP06794871.1
(47) 25.07.2018
(87) GB2006003935
03.05.2007
(22) 23.10.2006
(54) TUMOR NECROSIS FACTOR RECEPTOR 1 ANTAGONISTS FOR TREATING RESPIRATORY DISEASES
(73) Domantis Limited
(72) DE WILDT, Rudolf, M., T.
HOLMES, Steve
TOMLINSON, Ian, M.
WINTER, Gregory, P.
FITZGERALD, Mary, F.
FOX, Justian, Craig
SEPP, Armin
LEE, Jennifer
WOOLVEN, Benjamin, P.
(31) 0521621
(32) 24.10.2005
(33) United Kingdom

(51) A61K 39/395
C07K 16/28
A61K 39/00
(11) EP2726099
(21) EP12736001.4
(47) 25.07.2018
(87) US2012044929
10.01.2013

(22) 29.06.2012
(54) METHOD FOR TREATING METABOLIC DISORDERS
(73) Novartis AG
(72) FEIGE, Jerome
GLASS, David
HATAKEYAMA, Shinji
RICHARDSON, Brian Peter
TRIFILIEFF, Estelle
(31) 201161503656 P
201161524448 P
(32) 01.07.2011
17.08.2011
(33) United States of America
United States of America

(51) A61K 41/00
A61P 21/00
(11) EP2723383
(21) EP12728218.4
(47) 25.07.2018
(87) EP2012061160
27.12.2012
(22) 13.06.2012
(54) HOMEOPATHIC COMPOSITIONS FOR TREATING BACK, SCIATIC, OR LUMBAR PAIN
(73) Mageren, Jean-Pierre
(72) Mageren, Jean-Pierre
(31) 201100379
(32) 23.06.2011
(33) Belgium

(51) A61K 45/06
A61P 9/10
A61K 9/28
A61K 9/16
(11) EP2395838
(21) EP10740977.3
(47) 25.07.2018
(87) IB2010000234
19.08.2010
(22) 08.02.2010
(54) STABLE PHARMACEUTICAL COMPOSITION FOR ATHEROSCLEROSIS
(73) Cadila Pharmaceuticals Ltd.
(72) PADHEE, Kumud, Kumar
PATEL, Nilamkumari, Somalal
KODURI, Sunil, Chowdary
MUKHARYA, Amit
MODI, Indravadan, Ambalal
MODI, Rajiv, Indravadan
KHAMAR,Bakulesh, Mafatlal
(31) MU02872009
MU16992009
(32) 11.02.2009
23.07.2009
(33) India
India

(51) A61K 47/50
C07K 16/28
C07K 16/26
C07K 16/30
(11) EP2819701
(21) EP13719592.1
(47) 25.07.2018
(87) GB2013050499
06.09.2013
(22) 28.02.2013
(54) IMMUNOTHERAPEUTIC MOLECULES AND USES
(73) The University Of Birmingham
(72) COBBOLD, Mark
MILLAR, David
(31) 201203442
(32) 28.02.2012
(33) United Kingdom

(51) A61K 47/54
A61K 47/68
A61K 47/62
A61K 31/704
A61P 35/00
(11) EP2976109
(21) EP14725290.2
(47) 25.07.2018
(87) US2014031192
25.09.2014
(22) 19.03.2014
(54) CELLULAR DELIVERY OF DNA INTERCALATING AGENTS
(73) Lankenau Institute for Medical Research
Genisphere, LLC
(72) GETTS, Robert C.
KADUSHIN, James
GEORGE-WEINSTEIN, Mindy
GERHART, Jacquelyn
DYLGJERI, Emanuela
RHODES, Kelly
(31) 201361803863 P
(32) 21.03.2013
(33) United States of America

(51) A61K 47/54
C07K 1/107
A61K 47/26
A61K 47/36
A61K 47/61
A61K 47/64
A61K 38/08
C07K 14/71
C07K 7/06
C08B 37/00
(11) EP2926829
(21) EP13859242.3
(47) 25.07.2018
(87) JP2013081347
05.06.2014
(22) 21.11.2013
(54) SUGAR CHAIN-ATTACHED LINKER, COMPOUND CONTAINING SUGAR CHAIN-ATTACHED LINKER AND PHYSIOLOGICALLY ACTIVE SUBSTANCE OR SALT THEREOF, AND METHOD FOR PRODUCING SAME
(73) Glytech, Inc.
(72) OCHIAI, Hirofumi
YOSHIDA, Kenta
(31) 2012263752
(32) 30.11.2012
(33) Japan

(51) A61K 47/68
C07K 14/71
(11) EP2711376
(21) EP12788998.8
(47) 25.07.2018
(87) CN2012075706
29.11.2012
(22) 18.05.2012
(54) FGFR-FC FUSION PROTEIN AND USE THEREOF
(73) RemeGen, Ltd.
(72) FANG, Jianmin
LI, Dong
(31) 201110132218
(32) 20.05.2011
(33) China

(51) A61K 47/69
A61K 31/352
A61K 9/20
A61K 9/00
(11) EP2643022
(21) EP11790937.4
(47) 25.07.2018
(87) EP2011070951
31.05.2012
(22) 24.11.2011
(54) FAST DISINTEGRATING COMPOSITIONS COMPRISING NABILONE AND RANDOMLY METHYLATED BETA CYCLODEXTRIN
(73) AOP Orphan Pharmaceuticals AG
(72) VIERNSTEIN, Helmut
TOEGEL, Stefan
SCHUELLER, Regina
(31) 10192497
(32) 25.11.2010
(33) European Patent Office (EPO)

(51) A61K 51/08
C07K 16/28
A61P 35/00
C12N 9/72
A61K 103/30
(11) EP2846826
(21) EP13788361.7
(47) 25.07.2018
(87) DK2013050126
14.11.2013
(22) 03.05.2013
(54) 177-Lu LABELED PEPTIDE FOR SITE-SPECIFIC uPAR-TARGETING
(73) TRT Innovations APS
(72) KJAER, Andreas
PERSSON, Morten
PLOUG, Michael
(31) 201200321
(32) 08.05.2012
(33) Denmark

(51) A61L 2/08
B65B 55/08
B67C 7/00
(11) EP2848263
(21) EP14184487.8
(47) 25.07.2018
(22) 11.09.2014
(54) Device for sterilising plastic parisons with simultaneous inner and external sterilisation
(73) Krones AG
(72) Söllner, Jürgen
Scheuren, Hans
Müller, Holger
(31) 102013109988
(32) 11.09.2013
(33) Germany

(51) A61L 24/00
A61L 24/04
A61L 24/06

C08F 222/32
C09J 4/00
C09J 133/14
C09J 133/20
(11) EP2792372
(21) EP12846724.8
(47) 25.07.2018
(87) CN2012083787
10.05.2013
(22) 31.10.2012
(54) BIODEGRADABLE MEDICAL ADHESIVE AND PREPARATION METHOD AND USE THEREOF
(73) Institute of Pharmacology and Toxicology Academy of Military Medical Sciences P.L.A. China
Chengdu Yiping Medical Science & Technology Co., Ltd.
(72) LIU, Keliang
XU, Liang
ZHANG, Qingsong
CAI, Dazhen
MENG, Qingbin
(31) 201110340675
(32) 02.11.2011
(33) China

(51) A61L 26/00
(11) EP2073854
(21) EP07871141.3
(47) 25.07.2018
(87) US2007080849
12.06.2008
(22) 09.10.2007
(54) HYDROGEL WOUND DRESSING AND BIOMATERIALS FORMED IN SITU AND THEIR USES
(73) Uluru Inc.
(72) ST. JOHN, John V.
MORO, Daniel G.
(31) 581049
(32) 13.10.2006
(33) United States of America

(51) A61L 27/22
A61L 27/38
A61L 27/54
A61L 27/50
(11) EP2777722
(21) EP14160010.6
(47) 25.07.2018
(22) 14.03.2014
(54) Enhanced medical implant
(73) Wasielewski, Ray C.
(72) Wasielewski, Ray C.
(31) 201313835568
(32) 15.03.2013
(33) United States of America

(51) A61L 27/38
A61L 27/24
C12N 5/00
C12M 3/00
(11) EP2575913
(21) EP11726544.7
(47) 25.07.2018
(87) US2011037897
01.12.2011
(22) 25.05.2011
(54) METHODS, SUBSTRATES, AND SYSTEMS USEFUL FOR CELL SEEDING OF MEDICAL GRAFTS
(73) Cook Biotech Incorporated
Muffin Incorporated
(72) HILES, Michael, C.
JOHNSON, Chad, E.
FEARNOT, Neal, E.
PAYNE, Thomas
JANKOWSKI, Ronald
(31) 348135 P
(32) 25.05.2010
(33) United States of America

(51) A61L 27/54
A61M 29/04
A61F 2/86
A61F 2/91
A61F 2/848
A61F 2/92
(11) EP2440155
(21) EP10786932.3
(47) 25.07.2018
(87) US2010038379
16.12.2010
(22) 11.06.2010
(54) MINIMAL SURFACE AREA CONTACT DEVICE FOR HOLDING PLAQUE TO BLOOD VESSEL WALL
(73) Intact Vascular, Inc.
(72) SCHNEIDER, Peter
GIASOLLI, Robert
(31) 483193
(32) 11.06.2009
(33) United States of America

(51) A61L 27/60
A61L 27/40
A61L 27/48
A61L 27/54
A61L 27/20
A61L 27/26
A61L 27/50
(11) EP2570141
(21) EP11780747.9
(47) 25.07.2018
(87) KR2011001556
17.11.2011
(22) 07.03.2011
(54) DERMAL FILLER COMPOSITION
(73) CHUNGHWA MEDIPOWER CO., LTD.
(72) JO, Kang Seon
(31) 20100043753
(32) 11.05.2010
(33) Korea (Republic)

(51) A61M 1/00
B05B 11/00
(11) EP3156084
(21) EP16002523.5
(47) 25.07.2018
(22) 14.03.2013
(54) MEDICAL/SURGICAL LAVAGE UNIT WITH A PUMP THAT INCLUDES A BELLOWS CHAMBER AND A SUPPLEMENTAL CHAMBER
(73) Stryker Corporation
(72) Henniges, Bruce
Dudycha, Adam

(51) A61M 1/12
A61N 1/378
H02J 5/00
H02J 7/02
A61M 1/10
(11) EP3131601
(21) EP15772043.4
(47) 25.07.2018
(87) US2015025748
22.10.2015
(22) 14.04.2015
(54) IMPROVEMENTS IN TRANSCUTANEOUS ENERGY TRANSFER SYSTEMS
(73) Heartware, Inc.
(72) RUDSER, John
LAROSE, Jeffrey A.
GOMEZ, Ramiro
(31) 201461979821 P
(32) 15.04.2014
(33) United States of America

(51) A61M 1/16
(11) EP2783712
(21) EP14157542.3
(47) 25.07.2018
(22) 08.05.2006
(54) Dialysis machine
(73) Quanta Dialysis Technologies Limited
(72) Heyes, Keith
(31) 0509330
0518175
0603729
(32) 06.05.2005
07.09.2005
24.02.2006
(33) United Kingdom
United Kingdom
United Kingdom

(51) A61M 1/36
A61M 1/16
(11) EP2263717
(21) EP10010232.6
(47) 25.07.2018
(22) 10.01.2000
(54) Method and device for recognition of stenoses in extra-corporal blood treatment
(73) Fresenius Medical Care Deutschland GmbH
(72) Polaschegg, Hans-Dietrich, Dr.
(31) 19901078
(32) 14.01.1999
(33) Germany

(51) A61M 3/02
A61M 13/00
A61F 13/00
A61F 13/02
A61M 35/00
A61M 1/00
(11) EP2626049
(21) EP12000901.4
(47) 25.07.2018
(22) 11.02.2012
(54) WOUND TREATMENT DEVICE
(73) Paul Hartmann AG
(72) Croizat, Pierre
Eckstein, Axel

(51) A61M 5/14
A61M 5/142
(11) EP3082900
(21) EP14814874.5
(47) 25.07.2018

(87) EP2014078410
25.06.2015
(22) 18.12.2014
(54) DISPOSABLE DELIVERY ASSEMBLY FOR A DRUG DELIVERY DEVICE
(73) Sanofi-Aventis Deutschland GmbH
(72) SCHABBACH, Michael
ZECKAI, Olaf
WERNER, Meinolf
(31) 13198773
(32) 20.12.2013
(33) European Patent Office (EPO)

(51) A61M 5/14
A61M 5/32
A61B 17/32
A61B 90/00
A61B 17/3209
(11) EP2768552
(21) EP12841119.6
(47) 25.07.2018
(87) US2012060308
25.04.2013
(22) 15.10.2012
(54) DEVICE FOR APPLYING MEDICAL FLUID TO AND CUTTING WITHIN AN AREA
(73) CareFusion 303, Inc.
(72) PANIAN, Tyler Devin
(31) 201113274980
(32) 17.10.2011
(33) United States of America

(51) A61M 5/142
A61M 5/168
(11) EP3096815
(21) EP15704117.9
(47) 25.07.2018
(87) US2015011356
30.07.2015
(22) 14.01.2015
(54) ABSORPTION-BASED OPTICAL SENSOR FOR DETECTING INFUSION PUMP CASSETTE
(73) Zevex, Inc.
(72) JURETICH, Jeffery T.
MARSHALL, Michael
ELWOOD, Michael
(31) 201414161839
(32) 23.01.2014
(33) United States of America

(51) A61M 5/142
A61M 27/00
A61N 1/378
H02J 7/00
H02J 7/02
H02J 50/12
(11) EP2968740
(21) EP14718332.1
(47) 25.07.2018
(87) EP2014055104
18.09.2014
(22) 14.03.2014
(54) SYSTEMS AND METHODS FOR REGULATING INDUCTIVE ENERGY TRANSFER TO AN IMPLANTABLE SYSTEM
(73) Sequana Medical AG
(72) DEGEN, Thomas Werner
TSCHUMPER, Stefan
(31) 201313831642
(32) 15.03.2013
(33) United States of America

(51) A61M 5/168
(11) EP2618868
(21) EP11770519.4
(47) 25.07.2018
(87) IB2011053830
29.03.2012
(22) 01.09.2011
(54) IV FLOW RATE REGULATOR AND METHOD OF ITS FABRICATION
(73) Poly Medicure Limited
(72) BAID, Rishi
(31) 2254DE2010
(32) 21.09.2010
(33) India

(51) A61M 5/20
A61M 5/178
A61M 5/32
(11) EP2331170
(21) EP09766105.2
(47) 25.07.2018
(87) GB2009001451
23.12.2009
(22) 10.06.2009
(54) AUTO-INJECTOR WITH FILLING MEANS
(73) Cilag GmbH International
(72) JENNINGS, Douglas, Ivan
(31) 0811347
(32) 19.06.2008
(33) United Kingdom

(51) A61M 5/20
A61M 5/315
A61M 5/32
(11) EP2805736
(21) EP13305679.6
(47) 25.07.2018
(22) 24.05.2013
(54) Automatic injection device
(73) Becton Dickinson France
(72) Carrel, Frank
Maritan, Lionel

(51) A61M 5/20
A61M 5/32
(11) EP2224980
(21) EP08850508.6
(47) 25.07.2018
(87) DK2008000400
22.05.2009
(22) 12.11.2008
(54) AUTO INJECTOR WITH CHANGING ANCHOR LOCATIONS FOR A MECHANICAL DRIVER
(73) Medicom Innovation Partner a/s
(72) JOHANSEN, Esben, Weldingh
RASMUSSEN, Jørgen
MAEGAARD, Christian
HALD, Jørn, Winther
(31) 200701596
996344 P
200701867
200701869
200701870
(32) 12.11.2007
13.11.2007
21.12.2007
21.12.2007
21.12.2007
(33) Denmark
United States of America
Denmark
Denmark
Denmark

(51) A61M 5/24
A61C 5/62
A61C 5/66
(11) EP3089775
(21) EP14855201.1
(47) 25.07.2018
(87) IB2014067147
30.04.2015
(22) 19.12.2014
(54) POSITIONABLE DELIVERY DEVICE AND METHOD
(73) Profounda, Inc.
(72) MACLAUGHLAN, Todd
KATHARDEKAR, Vinit
VAZIR, Amanullah

(51) A61M 5/24
A61M 5/20
A61M 5/32
(11) EP2782620
(21) EP12788583.8
(47) 25.07.2018
(87) EP2012073467
30.05.2013
(22) 23.11.2012
(54) AUTOINJECTOR
(73) Sanofi-Aventis Deutschland GmbH
(72) HENLEY, Thomas
CROSS, David
JENNINGS, Douglas Ivan
MCGINLEY, Ryan Anthony
(31) 11190587
(32) 24.11.2011
(33) European Patent Office (EPO)

(51) A61M 5/32
A61M 5/50
(11) EP2776097
(21) EP12847776.7
(47) 25.07.2018
(87) AU2012001376
16.05.2013
(22) 09.11.2012
(54) IMPROVED RETRACTABLE SYRINGE NEEDLE
(73) UNL Holdings LLC
(72) THORLEY, Craig Stephen
KAAL, Joseph Hermes
RAFFERTY, Christopher
WALLIS, Huw Umberto
HUESO-MONIS, Ernesto
LAW, Kamman
SOKOLOV, Richard
(31) 201161557792 P
(32) 09.11.2011
(33) United States of America

(51) A61M 5/44
(11) EP2882477
(21) EP13762999.4
(47) 25.07.2018
(87) EP2013066894
20.02.2014
(22) 13.08.2013

(54) METHOD AND DEVICE FOR ADJUSTING THE TEMPERATURE OF MEDICAL LIQUIDS
(73) Seiratherm GmbH
(72) REICHTHALHAMMER, Thomas
ROTH, Matthias
(31) 12180279
(32) 13.08.2012
(33) European Patent Office (EPO)

(51) A61M 11/00
A61M 15/08
A61M 3/00
(11) EP2589402
(21) EP11800862.2
(47) 25.07.2018
(87) JP2011064831
05.01.2012
(22) 28.06.2011
(54) SPRAYING DEVICE
(73) Nipro Corporation
(72) KUBO, Tomohiko
HIROBE, Teruhisa
(31) 2010148432
(32) 30.06.2010
(33) Japan

(51) A61M 15/00
A61M 11/02
B05B 11/00
A61M 16/20
(11) EP3119458
(21) EP15702454.8
(47) 25.07.2018
(87) EP2015051988
24.09.2015
(22) 30.01.2015
(54) DISPENSER HAVING A SYSTEM FOR DETECTING DISCHARGE PROCESSES AND PROCESS FOR MANUFACTURING SAID DISPENSER
(73) Aptar Radolfzell GmbH
(72) HELMLINGER, Michael
(31) 102014204940
(32) 17.03.2014
(33) Germany

(51) A61M 16/04
A61M 16/10
(11) EP2863976
(21) EP13854556.1
(47) 25.07.2018
(87) US2013070253
22.05.2014
(22) 15.11.2013
(54) NASAL PULSATILE OXYGENATION AND VENTILATION AIRWAY APPARATUS
(73) The Trustees Of The University Of Pennsylvania
(72) WEI, Huafeng
(31) 201261726664 P
201361779379 P
(32) 15.11.2012
13.03.2013
(33) United States of America
United States of America

(51) A61M 16/06
(11) EP2789360
(21) EP14175767.4
(47) 25.07.2018
(22) 12.01.2006
(54) Forehead supports for facial masks
(73) ResMed Ltd.
(72) Hitchcock, Robin Garth
Ng, Eva
Chu, Vincent
D'souza, Errol Savio Alex
Lee, Murray William
Crumblin, Geoffrey
Howard, Scott Alexander
Campbell, George Giles
Roseby, Nicholas John
Huxtable, Paul Steward
(31) 643113 P
696502 P
715173 P
735823 P
(32) 12.01.2005
06.07.2005
09.09.2005
14.11.2005
(33) United States of America
United States of America
United States of America
United States of America

(51) A61M 16/06
(11) EP3031488
(21) EP14898358.8
(47) 25.07.2018
(87) CN2014088757
10.03.2016
(22) 16.10.2014
(54) BREATHING MASK
(73) BMC Medical Co., Ltd.
(72) LIU, Yi
ZHAN, Yifeng
ZHUANG, Zhi
(31) 201410440090
(32) 01.09.2014
(33) China

(51) A61M 16/06
A61M 16/08
(11) EP2035073
(21) EP07719079.1
(47) 25.07.2018
(87) AU2007000837
21.12.2007
(22) 15.06.2007
(54) FOREHEAD SUPPORTS FOR FACIAL MASKS
(73) ResMed Limited
(72) CHU, Vincent
BERTINETTI, Mark
GUDIKSEN, Joshua, Adam
HOWARD, Scott, Alexander
LYNCH, Susan, Robyn
NG, Eva
STALLARD, Philip, Thomas
LEE, Murray, William
SHANMUGA SUNDARA, Shiva, Kumar
EVES, Matthew
(31) 814056 P
836604 P
858694 P
(32) 16.06.2006
10.08.2006
14.11.2006
(33) United States of America
United States of America
United States of America

(51) A61M 16/06
A61M 16/08
A61M 16/20
(11) EP3202449
(21) EP16305112.1
(47) 25.07.2018
(22) 02.02.2016
(54) ELBOW CONNECTOR ASSEMBLY WITH ANTI-ASPHYXIA VALVE STRUCTURE FOR RESPIRATORY MASK
(73) Air Liquide Medical Systems
(72) ALBERICI, Luca
MASSERDOTTI, Fulvio
SANDONI, Giuseppe

(51) A61M 16/08
(11) EP2345448
(21) EP11150286.0
(47) 25.07.2018
(22) 06.01.2011
(54) Ventilator device or anaesthetic device
(73) Drägerwerk AG & Co. KGaA
(72) Kholtchanski, Grigory
Lischinski, Robert
Pasdzior, Sven
Radomski, Klaus
Reichert, Dirk-Stefan
(31) 102010004527
(32) 14.01.2010
(33) Germany

(51) A61M 16/08
A61M 16/06
(11) EP3218039
(21) EP14808525.1
(47) 25.07.2018
(87) EP2014074457
19.05.2016
(22) 13.11.2014
(54) MULTIFUNCTIONAL APPLICATOR WHICH CAN BE USED IN A MOBILE MANNER
(73) TNI medical AG
(72) ANGER, Ewald
KLAUS, Dieter
URBAN, Peter

(51) A61M 16/12
B63C 11/24
A61M 16/08
A61M 16/20
(11) EP2205323
(21) EP08845298.2
(47) 25.07.2018
(87) SE2008051231
07.05.2009
(22) 29.10.2008
(54) AUTO CALIBRATION / VALIDATION OF OXYGEN SENSOR IN BREATHING APPARATUS
(73) Poseidon Diving Systems
(72) STONE, William C
JONES, Nigel
(31) 741 P
742 P
(32) 29.10.2007
29.10.2007
(33) United States of America

United States of America

(51) A61M 16/16
A61M 16/00
(11) EP2646098
(21) EP11819143.6
(47) 25.07.2018
(87) US2011063137
07.06.2012
(22) 02.12.2011
(54) SYSTEM, APPARATUS AND METHODS FOR SUPPLYING GASES
(73) Fisher & Paykel Healthcare Limited
(72) RAPOPORT, David, M.
KURIGER, Donald, Roy
ARROWSMITH, Mark, John
(31) 419421 P
(32) 03.12.2010
(33) United States of America

(51) A61M 25/00
(11) EP3061485
(21) EP15002946.0
(47) 25.07.2018
(22) 15.10.2015
(54) INTRAVASCULAR CATHETER FOR INVASIVE DIAGNOSTICS OF PERIPHERAL VESSELS
(73) Innovations for Heart and Vessels Sp. z o.o.
(72) Milewski, Krzysztof
Buszman, Pawel
Buszman, Piotr
(31) 41138015
(32) 25.02.2015
(33) Poland

(51) A61M 25/02
A61M 27/00
A61M 25/00
(11) EP2579935
(21) EP11730196.0
(47) 25.07.2018
(87) EP2011002803
15.12.2011
(22) 08.06.2011
(54) A BALLOON CATHETER SYSTEM FOR DRAINING FLUIDS FROM HOLLOW ORGANS, BODY CAVITIES OR CYSTS AND/OR FOR SUPPLYING MEDICATION
(73) Tchirikov, Michael
(31) 102010023438
(32) 11.06.2010
(33) Germany

(51) A61M 39/00
A61M 39/10
(11) EP2416837
(21) EP10719247.8
(47) 25.07.2018
(87) EP2010002143
14.10.2010
(22) 03.04.2010
(54) CONNECTION PIECE FOR THE TUBE OF AN ENTERAL FEEDING TUBE AND ASSEMBLY OF AN ENTERAL FEEDING TUBE AND AN ENTERAL TRANSFER SYSTEM
(73) Fresenius Kabi Deutschland GmbH
(72) PECH, Bernhard
SCHÄFER, Helmut
(31) 102009016373
(32) 07.04.2009
(33) Germany

(51) A61M 39/02
(11) EP1488824
(21) EP04253581.5
(47) 25.07.2018
(22) 15.06.2004
(54) Subcutaneous self attaching injection port with integral movable retention members
(73) ETHICON ENDO-SURGERY, INC.
(72) Conlon, Sean P.
Nuchols, Richard P.
Hunt, John V.
Byrum, Randal T.
Schulze, Dale
(31) 478763 P
741875
(32) 16.06.2003
19.12.2003
(33) United States of America
United States of America

(51) A61M 39/24
A61M 1/00
A61F 13/00
A61L 15/40
A61M 27/00
(11) EP3181184
(21) EP17154779.7
(47) 25.07.2018
(22) 19.01.2011
(54) LEAK-RESISTANT BANDAGE SYSTEMS WITH HYDROPHILIC FOAM WOUND INSERT FOR FLUID-INSTALLATION AND/OR NEGATIVE-PRESSURE WOUND THERAPIES
(73) KCI Licensing, Inc.
(72) PERKINS, Joanna
SLACK, Paul
HIGLEY, Kevin
KNOWLES, Kenneth
TOUT, Aiden
(31) 296822 P
(32) 20.01.2010
(33) United States of America

(51) A61N 1/04
(11) EP2768576
(21) EP12842438.9
(47) 25.07.2018
(87) US2012061172
25.04.2013
(22) 19.10.2012
(54) ELECTRODE APPARATUS WITH INTERFITTING ELEMENTS AND A METHOD FOR ITS MANUFACTURE INCLUDING STAMPING
(73) HTK Enterprises, Inc.
(72) BYARS, Gary L.
TURNER, David O.
PAYNE, Charles H.
(31) 201161627863 P
(32) 19.10.2011
(33) United States of America

(51) A61N 1/37
A61N 1/372
A61N 1/375
A61N 1/39
(11) EP3185952
(21) EP15757633.1
(47) 25.07.2018
(87) US2015046971
03.03.2016
(22) 26.08.2015
(54) IMPLANTABLE CARDIAC RHYTHM SYSTEM AND AN ASSOCIATED METHOD FOR TRIGGERING A BLANKING PERIOD THROUGH A SECOND DEVICE
(73) Cardiac Pacemakers, Inc.
(72) STAHMANN, Jeffrey E.
KANE, Michael J.
HUELSKAMP, Paul
MAILE, Keith R.
(31) 201462043106 P
(32) 28.08.2014
(33) United States of America

(51) A61N 1/372
A61N 1/36
A61N 1/02
(11) EP2488253
(21) EP10770919.8
(47) 25.07.2018
(87) US2010052748
21.04.2011
(22) 14.10.2010
(54) SYSTEM FOR MODELING ELECTRODE MORPHOLOGIES AND ESTIMATING VOLUME OF ACTIVATION IN TISSUE
(73) Boston Scientific Neuromodulation Corporation
(72) MOFFITT, Michael A.
(31) 252081 P
252071 P
(32) 15.10.2009
15.10.2009
(33) United States of America
United States of America

(51) A61N 1/375
A61N 1/36
A61N 1/05
(11) EP2991726
(21) EP14733760.4
(47) 25.07.2018
(87) US2014036850
06.11.2014
(22) 05.05.2014
(54) MULTI-BRANCH STIMULATION ELECTRODE FOR SUBCUTANEOUS FIELD STIMULATION
(73) Alfred E. Mann Foundation for Scientific Research
(72) SHELTON, Brian, M.
HANSEN, Morten
(31) 201361819441 P
(32) 03.05.2013
(33) United States of America

(51) A61N 1/378
(11) EP2806946
(21) EP12816389.6
(47) 25.07.2018
(87) US2012069124
01.08.2013
(22) 12.12.2012
(54) MANAGING RECHARGE POWER FOR IMPLANTABLE MEDICAL DEVICES
(73) Medtronic Inc.
(72) KELLY, Kevin J.
OLSON, David P.

BORNHOFT, Reid K.
GADDAM, Venkat R.
(31) 201213360443
(32) 27.01.2012
(33) United States of America

(51) A61N 5/06
(11) EP2863991
(21) EP13733128.6
(47) 25.07.2018
(87) US2013044435
27.12.2013
(22) 06.06.2013
(54) TREATMENT OF MULTIPLE SCLEROSIS
(73) Wisconsin Alumni Research Foundation
(72) DELUCA, Hector F.
WANG, Yanping
MARLING, Steven
(31) 201261663401 P
201313773254
(32) 22.06.2012
21.02.2013
(33) United States of America
United States of America

(51) A61N 5/06
A61F 7/03
A61F 7/00
A61F 7/02
(11) EP2908807
(21) EP12818909.9
(47) 25.07.2018
(87) IB2012002569
24.04.2014
(22) 03.12.2012
(54) SKIN PATCH FOR ABSORBING TOXINS FROM THE BODY
(73) Salim, Nurman
(72) Salim, Nurman
(31) 201213656239
(32) 19.10.2012
(33) United States of America

(51) A61N 5/10
(11) EP3061495
(21) EP13896186.7
(47) 25.07.2018
(87) JP2013078874
30.04.2015
(22) 24.10.2013
(54) CONTROL DEVICE FOR TREATMENT PLANNING DEVICE, CONTROL METHOD, AND PROGRAM
(73) Hitachi, Ltd.
(72) TAKAHASHI, Kunio

(51) A61N 5/10
(11) EP2968975
(21) EP14712561.1
(47) 25.07.2018
(87) CH2014000029
18.09.2014
(22) 14.03.2014
(54) RADIATION THERAPY PLANNING USING INTEGRATED MODEL
(73) Varian Medical Systems, International AG
(72) KUUSELA, Esa
MARIA, Cordero Marcos
HARTMAN, Joona
PELTOLA, Jarkko
NORD, Janne
(31) 201361793655 P
201314039920
(32) 15.03.2013
27.09.2013
(33) United States of America
United States of America

(51) A61N 5/10
A61N 5/01
(11) EP3097951
(21) EP14879326.8
(47) 25.07.2018
(87) JP2014051090
30.07.2015
(22) 21.01.2014
(54) RADIATION THERAPY APPARATUS
(73) Hitachi, Ltd.
(72) TSUMOTO Yoshitaka
MIYAMOTO Akihiro

(51) A61P 1/02
A61K 8/26
A61K 8/44
A61K 8/365
A61Q 11/00
A61P 1/00
A61K 33/06
A61K 6/00
(11) EP2968086
(21) EP13713668.5
(47) 25.07.2018
(87) US2013032391
18.09.2014
(22) 15.03.2013
(54) ORAL CARE COMPOSITIONS
(73) Colgate-Palmolive Company
(72) PAN, Long
PORTER-MALONEY, Venda
REALE, Kristen
CHOPRA, Suman
MASTERS, James G.
YUAN, Shaotang
DU-THUMM, Laurence

(51) A61P 19/04
A61K 38/48
A61K 38/17
(11) EP2734216
(21) EP12815526.4
(47) 25.07.2018
(87) IL2012050261
24.01.2013
(22) 19.07.2012
(54) PROTEOLYTIC EXTRACT FROM BROMELAIN FOR THE TREATMENT OF CONNECTIVE TISSUE DISORDERS
(73) Mediwound, Ltd.
(72) ROSENBERG, Lior
RUBIN, Guy
ASCULAI, Eilon
(31) 201161509612 P
(32) 20.07.2011
(33) United States of America

(51) A61Q 1/06
A61K 8/37
A61Q 17/04
A61K 8/81
(11) EP1562537
(21) EP03750179.8
(47) 25.07.2018
(87) BR2003000147
29.04.2004
(22) 15.10.2003
(54) A SOLID COSMETIC COMPOSITION
(73) Natura Cosméticos S.A.
(72) AMARAL RODRIGUES, Adriana
LÉO, Cláudia
(31) 0207052
(32) 15.10.2002
(33) Brazil

(51) A61Q 5/00
A61K 8/97
(11) EP3122427
(21) EP15741782.5
(47) 25.07.2018
(87) EP2015056180
01.10.2015
(22) 24.03.2015
(54) COSMETIC USE OF AN EXTRACT OF OLIVE-TREE VEGETABLE WATER TO INCREASE THE DENSITY OF HAIR
(73) Pierre Fabre Dermo-Cosmétique
(72) MANDEAU, Anne
BLACK, David
(31) 1452431
(32) 24.03.2014
(33) France

(51) A61Q 5/06
A61K 8/81
A61K 8/04
(11) EP3082963
(21) EP14802393.0
(47) 25.07.2018
(87) EP2014074917
25.06.2015
(22) 18.11.2014
(54) STYLINGSPRAY WITH VOLUME EFFECT
(73) Henkel AG & Co. KGaA
(72) KNAPPE, Thorsten
KAFTAN, Pamela
(31) 102013226048
(32) 16.12.2013
(33) Germany

(51) A61Q 5/06
A61K 8/891
A61K 8/898
(11) EP2934681
(21) EP13811183.6
(47) 25.07.2018
(87) EP2013076848
26.06.2014
(22) 17.12.2013
(54) COSMETIC COMPOSITIONS CONTAINING AN ALKOXYSILANE AND A SILSESQUIOXANE RESIN
(73) L'Oréal
(72) CHEN, Michell
AUGUSTIN, Bayle
ZHU, Xiang
(31) 201213719958
(32) 19.12.2012
(33) United States of America

(51) A61Q 17/04
A61K 8/02
A61K 8/893
A61K 8/898
A61K 8/49
(11) EP2667947
(21) EP12701128.6

(47) 25.07.2018
(87) EP2012051204
02.08.2012
(22) 26.01.2012
(54) UV-PHOTO-PROTECTING COSMETIC COMPOSITION
(73) Momentive Performance Materials GmbH
(72) MAAß, Sebastian
WAGNER, Roland
SOCKEL, Karl-Heinz
DAVIS, Mark
SCHNERING, Albert
STREICHER, Katharina
(31) 11152490
(32) 28.01.2011
(33) European Patent Office (EPO)

(51) A61Q 19/00
A61K 8/02
A61K 8/31
A61K 8/34
A61K 8/35
A61K 8/36
A61K 8/368
A61K 8/49
A61K 8/60
A61K 8/67
A61K 8/97
(11) EP2900336
(21) EP13805542.1
(47) 25.07.2018
(87) IB2013058928
03.04.2014
(22) 27.09.2013
(54) ORAL COMPOSITION FOR REINFORCING SKIN TOLERANCE FOLLOWING TOPICAL ADMINISTRATION OF A RETINOID COMPOUND
(73) NUTRICOS Technologies
(72) PICCARDI, Nathalie
(31) 1259213
(32) 28.09.2012
(33) France

(51) A61Q 19/10
A61K 8/02
(11) EP3013432
(21) EP14742637.3
(47) 25.07.2018
(87) US2014044206
31.12.2014
(22) 26.06.2014
(54) PERSONAL CARE COMPOSITIONS AND ARTICLES
(73) The Procter & Gamble Company
(72) MCCONAUGHY, Shawn, David
SMITH, Edward, Dewey, III
KAVALEW, Dale, Gary
(31) 201361840084 P
201361840157 P
201361840120 P
201361886502 P
201361886508 P
201361918739 P
(32) 27.06.2013
27.06.2013
27.06.2013
03.10.2013
03.10.2013
20.12.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) A62B 7/00
A61M 16/12
A61M 16/16
A62B 7/02
A61M 16/10
A61M 16/00
A61M 16/06
(11) EP1899016
(21) EP06757911.0
(47) 25.07.2018
(87) NZ2006000166
11.01.2007
(22) 29.06.2006
(54) A BREATHING ASSISTANCE APPARATUS WITH A MANIFOLD TO ADD AUXILIARY GASES TO AMBIENT GASES
(73) Fisher & Paykel Healthcare Limited
(72) KRAMER, Martin Paul Friederich
O'DONNELL, Kevin, Peter c/o Fisher & Paykel Healthcare Limited
QUILL, Christopher Simon James
PAYTON, Matthew Jon
(31) 54108305
(32) 01.07.2005
(33) New Zealand

(51) A62B 7/14
A61M 16/10
B64D 10/00
(11) EP2197526
(21) EP08804679.2
(47) 25.07.2018
(87) EP2008062774
23.04.2009
(22) 24.09.2008
(54) SYSTEM FOR PROVIDING EMERGENCY OXYGEN AND THERAPEUTIC OXYGEN
(73) Airbus Operations GmbH
(72) VOGT, Thomas
WESTPHAL, Andreas
DEGENHARDT, Detlev
(31) 102007048924
998781 P
(32) 12.10.2007
12.10.2007
(33) Germany
United States of America

(51) A62B 7/14
A62B 7/08
A62B 21/00
A62B 9/02
C01B 13/02
A62B 7/02
G08B 5/00
G08B 5/22
G08B 5/36
(11) EP2679279
(21) EP12175386.7
(47) 25.07.2018
(22) 06.07.2012
(54) OXYGEN BREATHING DEVICE AND METHOD FOR MAINTAINING AN EMERGENCY OXYGEN SYSTEM
(73) Zodiac Aerotechnics
(72) Rittner, Wolfgang
Meckes, Rüdiger
(31) 201261665486 P
(32) 28.06.2012
(33) United States of America

(51) A62B 25/00
(11) EP2981337
(21) EP14704755.9
(47) 25.07.2018
(87) EP2014000423
09.10.2014
(22) 15.02.2014
(54) SYSTEM OF FILTER ESCAPE DEVICES AND METHOD FOR MOUNTING A SYSTEM OF FILTER ESCAPE DEVICES
(73) Dräger Safety AG & Co. KGaA
(72) VOGT, Simon
ROSERT, Michael
MÜLLER, Rüdiger
RADICKE, Joachim
(31) 102013005514
(32) 02.04.2013
(33) Germany

(51) A62B 35/00
(11) EP2269696
(21) EP10184414.0
(47) 25.07.2018
(22) 05.12.2003
(54) SAFETY LINE TRAVELLER AND SUPPORT
(73) Latchways PLC
(72) Jones, Karl
Flux, Peter
(31) 0228524
(32) 06.12.2002
(33) United Kingdom

(51) A62C 5/02
B01F 5/04
B01F 3/04
(11) EP2854955
(21) EP13798143.7
(47) 25.07.2018
(87) SE2013050590
05.12.2013
(22) 23.05.2013
(54) DEVICE FOR AN INJECTOR
(73) Dafo Fomtec AB
(72) ANDERSSON, Ulf
ANDERSSON, John
(31) 1250543
(32) 28.05.2012
(33) Sweden

(51) A63B 21/00
A63B 22/00
A63B 22/20
A63B 23/02
A63B 21/068
A63B 23/00
(11) EP2599526
(21) EP12193526.6
(47) 25.07.2018
(22) 21.11.2012
(54) Machine for gymnastic exercises, particularly for exercising the abdominal muscles

(73) Canali, Vincenzo
(72) Canali, Vincenzo
(31) MI20112184
(32) 30.11.2011
(33) Italy

(51) A63B 21/02
A63B 21/16
A63B 23/035
A63B 71/00
A63B 71/02
(11) EP2451539
(21) EP10797443.8
(47) 25.07.2018
(87) US2010001857
13.01.2011
(22) 29.06.2010
(54) PORTABLE MULTIPURPOSE WHOLE BODY EXERCISE DEVICE
(73) Balanced Body, Inc.
(72) Bronston, Darya Kathleen
Arf, Matthew
Stumpf, John Russell
(31) 223381 P
(32) 07.07.2009
(33) United States of America

(51) A63B 43/00
A63B 69/00
A63B 39/00
A63B 67/183
(11) EP3057671
(21) EP14799214.3
(47) 25.07.2018
(87) IB2014065340
23.04.2015
(22) 15.10.2014
(54) A BALL
(73) Limpet Sports Management B.V.
(72) SHARP, Jacqueline Lisa
(31) 201307672
(32) 15.10.2013
(33) South Africa

(51) A63B 53/04
(11) EP2957327
(21) EP15160528.4
(47) 25.07.2018
(22) 20.08.2010
(54) GOLF CLUBS AND GOLF CLUB HEADS HAVING A CONFIGURED SHAPE TO ADJUST THE CENTER OF GRAVITY
(73) NIKE Innovate C.V.
(72) Stites, John, T.
Tavares, Gary, G.
(31) 547230
(32) 25.08.2009
(33) United States of America

(51) A63B 53/04
A63B 53/08
(11) EP2461876
(21) EP10742368.3
(47) 25.07.2018
(87) US2010043855
10.02.2011
(22) 30.07.2010
(54) GOLF CLUB HEAD OR OTHER BALL STRIKING DEVICE HAVING FACE INSERT MATERIAL
(73) NIKE Innovate C.V.
(72) OLDKNOW, Andrew G.V.
LIBER, Adam D.
BOYD, Robert
(31) 537053
(32) 06.08.2009
(33) United States of America

(51) A63B 53/10
A63B 59/00
(11) EP3075420
(21) EP16166354.7
(47) 25.07.2018
(22) 28.05.2013
(54) GOLF CLUB SHAFT FOR WOOD CLUB
(73) Mitsubishi Chemical Corporation
(72) SHIMONO, Satoshi
KANEKO, Takashi
KISHI, Masahiro
(31) 2012122094
(32) 29.05.2012
(33) Japan

(51) A63C 5/02
(11) EP2667953
(21) EP12700263.2
(47) 25.07.2018
(87) EP2012050152
19.07.2012
(22) 05.01.2012
(54) COMBINATION SKI FOR CLIMBING UP AND RIDING DOWN
(73) Inventra AG
(72) GERTSCH, Ulo
(31) 482011
(32) 11.01.2011
(33) Switzerland

(51) A63C 7/10
A63C 9/00
A63C 9/08
(11) EP3135350
(21) EP16001752.1
(47) 25.07.2018
(22) 08.08.2016
(54) BRAKING DEVICE FOR SNOWBOARD BINDING
(73) Salomon S.A.S.
(72) Lapierre, Stéphane
Damiani, Laurent
Convert, François
(31) 1501787
(32) 27.08.2015
(33) France

(51) A63F 13/285
A63F 13/24
G06F 3/01
(11) EP2809408
(21) EP13743824.8
(47) 25.07.2018
(87) US2013023695
08.08.2013
(22) 30.01.2013
(54) FORCE FEEDBACK TRIGGERS
(73) Microsoft Technology Licensing, LLC
(72) GRANT, Anthony John
STROWE, Gary
EVANS, Eph John
TENNISON, Glen E.
RUBIO, Vasco
REAS, Loren
VAH, Jeffrey
(31) 201213361830
(32) 30.01.2012
(33) United States of America

(51) A63F 13/98
A63F 13/21
A63F 13/23
(11) EP2460568
(21) EP12150446.8
(47) 25.07.2018
(22) 09.02.2007
(54) Electronic game with overlay card
(73) Disney Enterprises, Inc.
(72) Matsumoto, Tsuyoshi
Kuribayashi, Masaru

(51) A63H 1/02
(11) EP3222334
(21) EP16186873.2
(47) 25.07.2018
(22) 01.09.2016
(54) TOY TOP
(73) Tomy Company, Ltd.
(72) HORIKOSHI, Kenji
(31) 2016058558
(32) 23.03.2016
(33) Japan

(51) A63J 25/00
E04H 3/00
E04H 3/22
(11) EP3144044
(21) EP16188967.0
(47) 25.07.2018
(22) 15.09.2016
(54) ARRANGEMENT OF CINEMAS IN MULTIPLEX CINEMAS AND CINEMA ROOM FOR A MULTI-SCREEN CINEMA
(73) Vallesviu, S.A.
(72) SALLENT PUIGCERCOS, Pere
(31) 201531312
15185387
(32) 16.09.2015
16.09.2015
(33) Spain
European Patent Office (EPO)

(51) B01D 3/00
C01D 3/06
B01D 3/14
C02F 1/04
C02F 103/08
B01D 3/34
(11) EP2480501
(21) EP10816495.5
(47) 25.07.2018
(87) AU2010001242
24.03.2011
(22) 21.09.2010
(54) THERMAL DISTILLATION SYSTEM AND PROCESS
(73) Phoenix Water
(72) URWIN, Peter, M.
O'CONNELL, Michael, John
WILSON, Kathryn, Moira
REES, Glenn
(31) 2009904565
(32) 21.09.2009
(33) Australia

(51) B01D 15/08
G01N 30/00
G01N 30/60

H01J 49/26
(11) EP2777792
(21) EP14169040.4
(47) 25.07.2018
(22) 24.11.2008
(54) Methods for detecting estradiol by mass spectrometry
(73) Quest Diagnostics Investments Incorporated
(72) Goldman, Mildred M.
Clarke, Nigel J.
Reitz, Richard E.
(31) 946017
(32) 27.11.2007
(33) United States of America

(51) B01D 17/035
B01D 19/02
B01D 17/02
C10G 33/00
C10G 33/06
C10G 33/08
(11) EP2632563
(21) EP10859028.2
(47) 25.07.2018
(87) NO2010000382
03.05.2012
(22) 27.10.2010
(54) A DEVICE FOR A CLEANING UNIT FOR HYDRAULIC OIL AND LUBRICATING OIL
(73) Future Engineering AS
(72) GRØTHEIM, Jens, Terje

(51) B01D 17/04
B01F 5/06
(11) EP2307117
(21) EP09802466.4
(47) 25.07.2018
(87) EP2009055741
04.02.2010
(22) 12.05.2009
(54) Method and system for phase inversion using a static mixer/coalescer
(73) Sulzer Chemtech AG
(72) GÄBLER, Ansor
GLÜER, Sven
(31) 08161473
(32) 30.07.2008
(33) European Patent Office (EPO)

(51) B01D 19/00
(11) EP3173135
(21) EP16196709.6
(47) 25.07.2018
(22) 01.11.2016
(54) METHOD AND APPARATUS FOR DEGASSING A LIQUID REGARDING NON DESIRED COMPOUNDS
(73) TTM Energiprodukter AB
(72) ILLERSTAM, Per-Olof
(31) 1551535
(32) 26.11.2015
(33) Sweden

(51) B01D 25/176
(11) EP2682171
(21) EP12752446.0
(47) 25.07.2018
(87) CN2012071506
07.09.2012
(22) 23.02.2012
(54) CONNECTING MEMBER FOR FILTERING ELEMENT OF PRESS FILTER AND PRESS FILTER COMPRISING CONNECTING MEMBER
(73) Fairtech Investment Limited
(72) NG, Ying Yuk
CRAIG, Gilbert
(31) PCT/CN2011/071371
PCT/CN2011/084323
(32) 28.02.2011
21.12.2011
(33) World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)

(51) B01D 29/11
B01D 29/52
B01D 29/90
(11) EP3055045
(21) EP14790766.1
(47) 25.07.2018
(87) NL2014050695
16.04.2015
(22) 07.10.2014
(54) FILTER DEVICE HAVING A DIVERGING CLEANING DUCT WITH INTERNAL PARTITIONS
(73) N.V. PWN Waterleidingbedrijf Noord-Holland
(72) KAMP, Petrus Cornelis
(31) 2011597
(32) 11.10.2013
(33) Netherlands

(51) B01D 35/18
B01D 29/68
E02B 9/04
E03B 3/04
(11) EP2623176
(21) EP13153771.4
(47) 25.07.2018
(22) 01.02.2013
(54) Screen intake cleaning system using variable flow of incompressible liquid
(73) Aqseptence Group, Inc.
(72) Ekholm, Michael
Shah, Dilipkumar P
(31) 201261594053 P
(32) 02.02.2012
(33) United States of America

(51) B01D 36/00
B01D 35/18
F02M 37/22
(11) EP2635359
(21) EP11776756.6
(47) 25.07.2018
(87) EP2011068815
10.05.2012
(22) 27.10.2011
(54) FUEL FILTER FOR AN INTERNAL COMBUSTION ENGINE
(73) Mahle International GmbH
(72) HOFFMANN, Dierk
(31) 102010043218
(32) 02.11.2010
(33) Germany

(51) B01D 39/00
B01D 33/23
D21C 9/06
(11) EP2750781
(21) EP12826989.1
(47) 25.07.2018
(87) US2012052410
07.03.2013
(22) 25.08.2012
(54) A FILTER SEGMENT WITH A LIGHT WEIGHT FRAME
(73) GL&V Luxembourg S.à.r.l.
(72) Gabrielsson, Karl
Bjorkenius, Tony
Gilmore, Gregory
(31) 201161528386 P
(32) 29.08.2011
(33) United States of America

(51) B01D 39/16
B01D 17/04
(11) EP3185983
(21) EP15757202.5
(47) 25.07.2018
(87) EP2015069479
03.03.2016
(22) 26.08.2015
(54) FINAL SEPARATOR, USE AND METHOD OF MANUFACTURING
(73) Mahle International GmbH
(72) RENZ, Birgit
KOPPI, Peter
KOLLMANN, Mathias
SANTER, Julia
(31) 102014216979
(32) 26.08.2014
(33) Germany

(51) B01D 39/16
B01D 46/02
B01D 46/24
B01D 46/52
D01F 6/90
D01F 6/92
(11) EP1795249
(21) EP07104779.9
(47) 25.07.2018
(22) 10.08.2001
(54) Air filtration arrangements having fluted media constructions
(73) DONALDSON COMPANY, INC.
(72) Gillingham, Gary R.
Gogins, Mark A.
Weik, Thomas M.
(31) 230138 P
871590
(32) 05.09.2000
31.05.2001
(33) United States of America
United States of America

(51) B01D 53/00
B01D 53/52
C02F 101/10
C02F 103/02
(11) EP3025771
(21) EP15202680.3
(47) 25.07.2018
(22) 07.12.2009
(54) METHOD FOR REMOVAL OF HYDROGEN SULFIDE FROM GEOTHERMAL STEAM AND CONDENSATE
(73) Multi-Chem Group, Llc
(72) HARLESS, Michaell L.
(31) 200978 P

(32) 05.12.2008
(33) United States of America

(51) B01D 53/02
B01D 53/04
(11) EP2928578
(21) EP13793042.6
(47) 25.07.2018
(87) US2013069080
12.06.2014
(22) 08.11.2013
(54) GAS SEPARATION METHOD USING DDR TYPE ZEOLITES WITH STABILIZED ADSORPTION ACTIVITY
(73) ExxonMobil Research and Engineering Company
(72) RAVIKOVITCH, Peter, I.
CARSTENSEN, Barbara
PAUR, Charanjit, S.
JOHNSON, Ivy, D.
DECKMAN, Harry, W.
(31) 201261734007 P
201261734012 P
201261734010 P
(32) 06.12.2012
06.12.2012
06.12.2012
(33) United States of America
United States of America
United States of America

(51) B01D 53/04
F25J 3/04
(11) EP2803401
(21) EP14168597.4
(47) 25.07.2018
(22) 16.05.2014
(54) PURIFICATION OF AIR
(73) AIR PRODUCTS AND CHEMICALS, INC.
(72) Kalbassi, Mohammad Ali
Finot, Anthony
Golden, Timothy Christopher
Raiswell, Christopher James
Botelho, Ann Marie
(31) 201313895632
(32) 16.05.2013
(33) United States of America

(51) B01D 53/14
(11) EP2679296
(21) EP13173586.2
(47) 25.07.2018
(22) 25.06.2013
(54) ACID GAS ABSORBENT COMPRISING DIAMINE, ACID GAS REMOVAL METHOD, AND ACID GAS REMOVAL DEVICE
(73) Kabushiki Kaisha Toshiba
(72) Murai, Shinji
Maezawa, Yukishige
Kato, Yasuhiro
Muramatsu, Takehiko
Hodotsuka, Masatoshi
Saito, Satoshi
(31) 2012142207
(32) 25.06.2012
(33) Japan

(51) B01D 53/14
B01D 53/52
B01D 53/62
B01D 53/78
C01B 17/16
C01B 32/50
(11) EP3042712
(21) EP14853335.9
(47) 25.07.2018
(87) JP2014077354
23.04.2015
(22) 14.10.2014
(54) RECOVERY UNIT FOR RECOVERING CO2 AND/OR H2S
(73) Mitsubishi Heavy Industries, Ltd.
(72) TANAKA, Hiroshi
NAGAYASU, Hiromitsu
HIRATA, Takuya
YUKUMOTO, Atsuhiro
OISHI, Tsuyoshi
NAKATANI, Shinsuke
(31) 2013217749
(32) 18.10.2013
(33) Japan

(51) B01D 53/26
F25B 21/00
(11) EP2696957
(21) EP12715901.0
(47) 25.07.2018
(87) EP2012056373
18.10.2012
(22) 05.04.2012
(54) APPARATUS AND METHOD FOR THE REFRIGERATION OF A GAS FLOW, IN PARTICULAR COMPRESSED GAS
(73) PARKER HANNIFIN S.r.l.
(72) FAVERO, Chiara
(31) PN20110023
(32) 11.04.2011
(33) Italy

(51) B01D 53/94
B01F 3/04
F01N 3/28
F01N 3/20
B01F 5/06
(11) EP3198122
(21) EP15790259.4
(47) 25.07.2018
(87) IB2015057284
31.03.2016
(22) 22.09.2015
(54) EXHAUST GAS REDUCTION UNIT FOR INTERNAL COMBUSTION ENGINE
(73) Officine Metallurgiche G. Cornaglia S.p.A.
(72) CORNAGLIA, Pier Mario
(31) TO20140749
(32) 23.09.2014
(33) Italy

(51) B01D 63/10
C02F 3/10
C02F 3/30
(11) EP2512995
(21) EP10837161.8
(47) 25.07.2018
(87) IL2010001052
23.06.2011
(22) 14.12.2010
(54) DIFFUSION AERATION FOR WATER AND WASTEWATER TREATMENT
(73) Emefcy Limited
(72) SHECHTER, Ronen Itzhak
ESHED, Lior
LEVY, Eytan Baruch
ASHLAGI AMIRI, Tamar
(31) 286055 P
(32) 14.12.2009
(33) United States of America

(51) B01D 67/00
B01D 69/12
B01D 71/56
(11) EP3092060
(21) EP14821447.1
(47) 25.07.2018
(87) US2014070305
16.07.2015
(22) 15.12.2014
(54) COMPOSITE POLYAMIDE MEMBRANE HAVING AZO CONTENT AND HIGH ACID CONTENT
(73) Dow Global Technologies LLC
(72) PAUL, Mou
CIESLINSKI, Robert C.
GERHART, Bruce B.
HAWN, David D.
QIU, XiaoHua
RICKARD, Mark A.
ROSENBERG, Steven
ROY, Abhishek
TOMLINSON, Ian A.
ZU, Chengli
(31) 201461925520 P
(32) 09.01.2014
(33) United States of America

(51) B01F 3/12
B01F 5/10
B01F 5/20
(11) EP3131666
(21) EP15707414.7
(47) 25.07.2018
(87) HU2015000005
22.10.2015
(22) 26.01.2015
(54) METHOD FOR PRODUCING A MIXTURE OF POWDER OR GRANULAR STATE MATERIAL AND LIQUID
(73) ENEXIO Hungary Zrt.
(72) FAZEKAS, Péter
HANGYÁL, János
KISS, József, Ferenc
KOCSIS, Gábor
(31) 201414254024
(32) 16.04.2014
(33) United States of America

(51) B01F 15/02
B01L 3/00
B65D 81/32
(11) EP3034160
(21) EP15196473.1
(47) 25.07.2018
(22) 26.11.2015
(54) MIXING CONTAINER USED FOR REAGENTS
(73) ARKRAY, Inc.
Boditech Med Inc.
(72) Hiramura, Fumito
Hasegawa, Hironori
Park, Ki Tae
Kim, Cheol Min
(31) 2014255152
(32) 17.12.2014

(33) Japan

(51) B01J 3/06
C01B 32/25
B23B 51/00
B24D 3/00
B24B 53/12
(11) EP2607307
(21) EP11818115.5
(47) 25.07.2018
(87) JP2011068279
23.02.2012
(22) 10.08.2011
(54) PROCESS FOR PRODUCTION OF POLYCRYSTALLINE DIAMOND
(73) Sumitomo Electric Industries, Ltd.
(72) SUMIYA, Hitoshi
YAMAMOTO, Katsuko
SATO, Takeshi
ARIMOTO, Keiko
(31) 2010184187
(32) 19.08.2010
(33) Japan

(51) B01J 13/18
A01N 25/28
A61K 9/50
C09B 67/00
C11D 3/50
(11) EP2263788
(21) EP10183087.5
(47) 25.07.2018
(22) 01.08.2004
(54) A PROCESS FOR THE PREPARATION OF MICROCAPSULES FILLED WITH ACTIVE INGREDIENTS
(73) Sol-Gel Technologies Ltd.
(72) Naigertsik, Oleg
Rothschild, Sorel
Rottman, Claudio
(31) 491295 P
(32) 31.07.2003
(33) United States of America

(51) B01J 19/00
B01L 7/00
G05D 23/32
C12P 19/34
(11) EP2137319
(21) EP08732703.7
(47) 25.07.2018
(87) US2008057907
25.09.2008
(22) 21.03.2008
(54) ADAPTIVE THERMAL BLOCK TEMPERATURE CONTROL METHOD AND SYSTEM
(73) Applied Biosystems, LLC
(72) LIM, Chee Kiong
CHING, Chee Wee
(31) 896087 P
(32) 21.03.2007
(33) United States of America

(51) B01J 20/20
B01J 20/28
A61K 8/97
A61K 33/44
A61P 13/12
A61Q 19/10
A61K 8/19
A61K 8/25
A61Q 19/00
A23L 33/105
C01B 32/30
C01B 32/324
C01B 32/336
(11) EP2308591
(21) EP09803027.3
(47) 25.07.2018
(87) JP2009063599
04.02.2010
(22) 30.07.2009
(54) USE OF A POROUS ACTIVE CARBON MATERIAL AS ADSORBENT, REMEDY FOR KIDNEY DISEASE AND FUNCTIONAL FOOD
(73) Sony Corporation
(72) TABATA, Seiichiro
IIDA, Hironori
HORIE, Takeshi
YAMADA, Shinichiro
NOGUCHI, Tsutomu
(31) 2008197513
2008257133
2009161672
(32) 31.07.2008
02.10.2008
08.07.2009
(33) Japan
Japan
Japan

(51) B01J 21/18
B01J 27/224
B01J 23/04
B01J 27/10
B01J 35/04
B01J 37/02
B01J 37/08
C01B 32/80
(11) EP3038745
(21) EP14841157.2
(47) 25.07.2018
(87) CN2014071969
05.03.2015
(22) 11.02.2014
(54) CATALYST FOR PREPARING PHOSGENE AND METHOD FOR PREPARING PHOSGENE USING THE SAME
(73) Wanhua Chemical Group Co., Ltd.
(72) CHEN, Bin
LUO, Wuxi
YAO, Yu
SHAO, Liangfeng
WANG, Lei
ZHANG, Hongke
HUA, Weiqi
(31) 201310375888
(32) 26.08.2013
(33) China

(51) B01J 23/89
C07C 11/167
B01J 37/18
B01J 37/34
B01J 21/14
B01J 35/00
B01J 35/02
B01J 35/10
B01J 37/02
(11) EP3090801
(21) EP15001396.9
(47) 25.07.2018
(22) 08.05.2015
(54) CATALYST FOR 1,3-BUTADIENE PRODUCTION FROM ETHANOL
(73) The Siam Cement Public Company Limited
(72) Sae-Khow, Ornthida
Bussayajarn, Narissara
Totong, Sansanee
Laosiripojana, Navadol
Tripathi, Anamol

(51) B01J 27/18
B01J 29/70
B01J 31/02
C07B 41/12
C07D 313/04
(11) EP3066086
(21) EP14795814.4
(47) 25.07.2018
(87) EP2014073812
14.05.2015
(22) 05.11.2014
(54) PROCESS FOR THE OXIDATION OF ORGANIC CARBONYL COMPOUNDS
(73) BASF SE
(72) VAUTRAVERS, Nicolas
TELES, Joaquim Henrique
PARVULESCU, Andrei-Nicolae
MÜLLER, Ulrich
(31) 13191690
(32) 05.11.2013
(33) European Patent Office (EPO)

(51) B01J 29/06
C07C 17/087
C07C 17/20
C07C 17/25
C07C 17/389
C07C 17/395
C07C 19/10
C07C 21/18
(11) EP2970055
(21) EP14770673.3
(47) 25.07.2018
(87) US2014027213
25.09.2014
(22) 14.03.2014
(54) PROCESS FOR THE REDUCTION OF ALKYNE IMPURITIES IN FLUOROOLEFINS
(73) The Chemours Company FC, LLC
(72) NAPPA, Mario Joseph
SUN, Xuehui
CORBIN, David Richard
KOPKALLI, Haluk
WANG, Haiyou
(31) 201361791304 P
(32) 15.03.2013
(33) United States of America

(51) B01J 29/74
B01J 35/10
C10G 45/64
C10G 45/62
C10G 65/04
(11) EP2978527
(21) EP14709860.2
(47) 25.07.2018
(87) US2014019224

02.10.2014
(22) 28.02.2014
(54) PRODUCTION OF LOW CLOUD POINT DISTILLATE FUELS
(73) ExxonMobil Research and Engineering Company
(72) XU, Xiaochun
NOVAK, William, J.
HILBERT, Timothy, L.
MCCARTHY, Stephen, J.
(31) 201361806606 P
(32) 29.03.2013
(33) United States of America

(51) B01J 31/22
B01J 31/24
B01J 31/18
B01J 31/20
B01J 23/42
B01J 23/44
C07F 15/00
B01J 37/08
C07C 5/03
C07C 13/26
C07F 7/08
C08G 77/08
(11) EP2975045
(21) EP14765042.8
(47) 25.07.2018
(87) JP2014056716
18.09.2014
(22) 13.03.2014
(54) METAL COMPLEX AND SUPPORTED METAL COMPLEX HAVING DISILOXANE AS LIGAND, PREPARATION METHOD THEREFOR, AND SUPPORTED METAL CATALYST PREPARED USING SAME
(73) National Institute of Advanced Industrial Science and Technology
(72) CHOI, Jun-Chul
FUKAYA, Norihisa
YASUDA, Hiroyuki
(31) 2013051526
(32) 14.03.2013
(33) Japan

(51) B01L 3/00
(11) EP1438567
(21) EP02715213.1
(47) 25.07.2018
(87) US2002009440
13.02.2003
(22) 27.03.2002
(54) METHODS AND SYSTEMS FOR MICROFLUIDIC PROCESSING
(73) Handylab, Inc.
(72) PARUNAK, Gene
HANDIQUE, Kalyan
WU, Betty
GANESAN, Karthik
(31) 307638 P
14519
14520
75371
(32) 26.07.2001
14.12.2001
14.12.2001
15.02.2002
(33) United States of America
United States of America
United States of America
United States of America

(51) B01L 3/00
(11) EP2263796
(21) EP10003312.5
(47) 25.07.2018
(22) 27.03.2010
(54) Container with reference solution
(73) F.Hoffmann-La Roche AG
(72) Leichner, Wilhelm
List, Hans
Harttig, Herbert
Ahl, Axel
Sternberger, Christa
(31) 09008114
(32) 20.06.2009
(33) European Patent Office (EPO)

(51) B01L 3/00
C12M 1/00
C12M 3/04
A61J 1/14
B65D 47/06
(11) EP2691177
(21) EP12715482.1
(47) 25.07.2018
(87) US2012028680
04.10.2012
(22) 12.03.2012
(54) CONTAINER CAP WITH KINK-RESISTANT CONNECTOR
(73) Corning Incorporated
(72) BEAR, Adam J.
PENTHENY, Gail H
SEETO, Paul Kevin
(31) 201161468295 P
(32) 28.03.2011
(33) United States of America

(51) B01L 3/00
G01N 27/447
G01N 30/28
(11) EP3188837
(21) EP15759774.1
(47) 25.07.2018
(87) EP2015070211
10.03.2016
(22) 04.09.2015
(54) MICROFLUIDIC ANALYSIS DEVICE AND METHOD
(73) Centre National de la Recherche Scientifique (CNRS)
Universite Paris-Sud
(72) HAGHIRI-GOSNET, Anne-Marie
PALLANDRE, Antoine
GAMBY, Jean
ROSE, Daniel
MEANCE, Sébastien
(31) 1458333
(32) 05.09.2014
(33) France

(51) B01L 3/00
G01N 35/10
(11) EP2280778
(21) EP09753828.4
(47) 25.07.2018
(87) EP2009056231
03.12.2009
(22) 22.05.2009
(54) TITER PLATE AND METHOD FOR DETECTING AN ANALYTE
(73) Boehringer Ingelheim Vetmedica GmbH
(72) GUMBRECHT, Walter
PAULICKA, Peter
(31) 102008025992
(32) 30.05.2008
(33) Germany

(51) B01L 7/00
(11) EP2364777
(21) EP11002646.5
(47) 25.07.2018
(22) 13.02.2007
(54) PROCESS FOR CONTROLLING THE TEMPERATURE OF SAMPLES
(73) Eppendorf AG
(72) Link, Holger
Tasch, Henner
Timmann, Lutz
Cordula, Kroll, Dr.
Roth, Stefan
Huhn, Rüdiger
Götz, Reinhold
Knofe, Helmut
Schafrinski, Arne
Kroog, Jens Peter

(51) B01L 9/00
G01N 27/327
G01N 27/414
(11) EP3104976
(21) EP15714677.0
(47) 25.07.2018
(87) IT2015000039
20.08.2015
(22) 13.02.2015
(54) HIGH SENSITIVITY MULTICHANNEL DETECTION DEVICE
(73) Elements S.r.l.
(72) THEI, Federico
ROSSI, Michele
BENNATI, Marco
MANZONI, Francesca
(31) RM20140066
(32) 14.02.2014
(33) Italy

(51) B04B 1/04
B04B 1/08
(11) EP2730339
(21) EP12191740.5
(47) 25.07.2018
(22) 08.11.2012
(54) A centrifugal separator
(73) Alfa Laval Corporate AB
(72) Königsson, Staffan

(51) B04B 1/14
B04B 7/02
(11) EP3156134
(21) EP15189390.6
(47) 25.07.2018
(22) 12.10.2015
(54) CENTRIFUGAL SEPARATOR WITH INTERMITTENT DISCHARGE OF HEAVY PHASE
(73) Alfa Laval Corporate AB
(72) PITKÄMÄKI, Jouko

(51) B04B 1/18
B04B 11/02

B04B 11/04
B04B 11/08
(11) EP2627452
(21) EP11767697.3
(47) 25.07.2018
(87) EP2011067640
19.04.2012
(22) 10.10.2011
(54) PHASE-SEPARATION METHOD FOR A PRODUCT, USING A CENTRIFUGE
(73) GEA Mechanical Equipment GmbH
(72) MACKEL, Wilfried
EICKHOFF, Klaus-Peter
(31) 102010038195
(32) 14.10.2010
(33) Germany

(51) B05B 1/30
C23C 24/04
(11) EP3181235
(21) EP16204880.5
(47) 25.07.2018
(22) 16.12.2016
(54) METHOD FOR MONITORING THE DIVERGENCE OF A PARTICLE BEAM UNDER VACUUM WITH AN AERODYNAMIC LENS AND ASSOCIATED AERODYNAMIC LENS
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(72) SUBLEMONTIER, Olivier
ROUSSEAU, Youri
(31) 1562865
(32) 18.12.2015
(33) France

(51) B05B 5/053
F16H 57/05
F16N 7/34
F01M 1/08
(11) EP1979666
(21) EP07763436.8
(47) 25.07.2018
(87) US2007002842
16.08.2007
(22) 02.02.2007
(54) ELECTROSTATIC LUBRICANT DISPENSING SYSTEM
(73) SPRAYING SYSTEMS CO.
(72) MULJONO, Eric, Budi
(31) 764525 P
(32) 02.02.2006
(33) United States of America

(51) B05B 5/16
B05B 7/06
B05B 5/03
B05B 5/025
B05B 5/053
(11) EP3046676
(21) EP14845379.8
(47) 25.07.2018
(87) US2014056728
26.03.2015
(22) 22.09.2014
(54) ELECTROSTATIC SPRAY NOZZLE ASSEMBLY
(73) Spraying Systems Co.
(72) ST. PETER, Glenn R.
LEONE, John
ZAVERSON, Charles J.
ACKERMAN, Thomas E.
(31) 201361880238 P
(32) 20.09.2013
(33) United States of America

(51) B05B 11/00
(11) EP3151972
(21) EP15730935.2
(47) 25.07.2018
(87) US2015034769
17.12.2015
(22) 09.06.2015
(54) FLUSHING DISPENSERS FOR DELIVERING A CONSISTENT CONSUMER EXPERIENCE
(73) The Procter & Gamble Company
(72) BURROWES, Lee
DRING, Neil, Charles
BAXTER, Elaine, Alice Marie
KHANOLKAR, Madhuri, Jayant
PLOS, Julien, Claude
MACGREGOR, Alastair, Robert Edward
DIHORA, Jiten, Odhavji
HORVATH, Adam, Gaszton
(31) 201462009471 P
(32) 09.06.2014
(33) United States of America

(51) B05B 11/00
(11) EP3151977
(21) EP15730940.2
(47) 25.07.2018
(87) US2015034775
17.12.2015
(22) 09.06.2015
(54) FLUSHING DISPENSERS FOR DELIVERING A CONSISTENT CONSUMER EXPERIENCE
(73) The Procter & Gamble Company
(72) BURROWES, Lee
DRING, Neil, Charles
BAXTER, Elaine, Alice Marie
KHANOLKAR, Madhuri, Jayant
PLOS, Julien, Claude
MACGREGOR, Alastair, Robert Edward
DIHORA, Jiten, Odhavji
HORVATH, Adam, Gaszton
(31) 201462009465 P
(32) 09.06.2014
(33) United States of America

(51) B05B 11/00
(11) EP3274100
(21) EP16712786.9
(47) 25.07.2018
(87) EP2016056075
29.09.2016
(22) 21.03.2016
(54) DISPENSER FOR DISCHARGE OF LIQUID TO PASTY MATERIALS
(73) Aptar Villingen GmbH
(72) SCHRÖDER, Jürgen
(31) 102015104288
(32) 23.03.2015
(33) Germany

(51) B05B 11/00
B65D 75/58
A45D 40/00
(11) EP1928612
(21) EP06808070.4
(47) 25.07.2018
(87) FR2006002042
05.04.2007
(22) 05.09.2006
(54) SAMPLE PRODUCT DISPENSER
(73) Socoplan
(72) SIBILEAU, Guy-Noël
PECK, Christophe
MOUSSION, Philippe
ABONNEAU, Jean-Baptiste
(31) 0552899
(32) 27.09.2005
(33) France

(51) B05B 13/02
B05D 1/00
A61F 2/82
B29C 33/56
(11) EP2766128
(21) EP12748371.7
(47) 25.07.2018
(87) US2012050798
18.04.2013
(22) 14.08.2012
(54) ADJUSTABLE SUPPORT FOR TUBULAR MEDICAL DEVICE PROCESSING
(73) Abbott Cardiovascular Systems, Inc.
(72) HOOPAI, Adam, K.
(31) 201113273133
(32) 13.10.2011
(33) United States of America

(51) B05B 13/04
B05B 15/65
F16L 39/00
(11) EP3278881
(21) EP17183209.0
(47) 25.07.2018
(22) 26.07.2017
(54) ROTATING JOINT AND PAINTING MACHINE COMPRISING IT
(73) CEFLA S.C.
(72) Pungetti, Cristian
Chiarini, Stefano
(31) 201600082936
(32) 05.08.2016
(33) Italy

(51) B05B 17/06
A01M 1/20
A61L 2/18
A61L 2/22
A61L 9/14
F24F 6/12
B05B 17/00
(11) EP2842639
(21) EP13781096.6
(47) 25.07.2018
(87) JP2013062344
31.10.2013
(22) 26.04.2013
(54) ULTRASONIC ATOMIZATION DEVICE
(73) Sumitomo Chemical Company, Limited
(72) KAWANO, Hiroyuki
HARADA, Tetsuo
TAKAHATA, Daisuke
UEDA, Kazuyuki
(31) 2012103620
(32) 27.04.2012
(33) Japan

(51) B05C 11/10

B29B 13/02
(11) EP3225316
(21) EP16163514.9
(47) 25.07.2018
(22) 01.04.2016
(54) APPARATUS FOR MELTING OF ADHESIVE
(73) Robatech AG
(72) Mösli, Urs

(51) B05D 3/00
A61L 2/00
A61L 31/10
A61L 31/16
(11) EP2111184
(21) EP08705772.5
(47) 25.07.2018
(87) US2008050536
17.07.2008
(22) 08.01.2008
(54) STENTS HAVING BIODEGRADABLE LAYERS
(73) Micell Technologies, Inc.
(72) MCCLAIN, James, B.
TAYLOR, Douglas
RABINER, Robert
(31) 884005 P
912408 P
(32) 08.01.2007
17.04.2007
(33) United States of America
United States of America

(51) B05D 3/04
C23C 18/24
C23C 18/30
C23C 18/20
C23C 18/32
(11) EP2760595
(21) EP12835615.1
(47) 25.07.2018
(87) US2012051136
04.04.2013
(22) 16.08.2012
(54) TREATMENT OF PLASTIC SURFACES AFTER ETCHING IN NITRIC ACID CONTAINING MEDIA
(73) MacDermid Acumen, Inc.
(72) CHAPANERI, Roshan, V.
WALL, Anthony
PEARSON, Trevor
HERDMAN, Roderick, D.
(31) 201113248550
(32) 29.09.2011
(33) United States of America

(51) B05D 3/12
B05D 1/40
(11) EP2996818
(21) EP14729523.2
(47) 25.07.2018
(87) US2014035698
20.11.2014
(22) 28.04.2014
(54) METHOD OF MAKING EASY-CLEAN SURFACE
(73) 3M Innovative Properties Company
(72) SCHLECHTE, Jay S.
HAGER, Patrick J.
JANSSEN, Jeffrey R.
GRAHAM, Paul D.
(31) 201361824608 P
(32) 17.05.2013
(33) United States of America

(51) B06B 1/02
(11) EP2508269
(21) EP12159813.0
(47) 25.07.2018
(22) 16.03.2012
(54) Electromechanical transducer and method of producing the same
(73) Canon Kabushiki Kaisha
(72) Torashima, Kazutoshi
Akiyama, Takahiro
Tomiyoshi, Toshio
(31) 2011084674
(32) 06.04.2011
(33) Japan

(51) B08B 3/02
B08B 9/00
B01F 7/16
A23G 9/04
(11) EP2446425
(21) EP10823915.3
(47) 25.07.2018
(87) US2010052241
21.04.2011
(22) 12.10.2010
(54) ELECTRONICS FOR A COMMERCIAL FROZEN FOOD PREPARATION APPARATUS
(73) F'REAL FOODS, L.L.C.
(72) FARRELL, James
(31) 252606 P
(32) 16.10.2009
(33) United States of America

(51) B08B 7/00
B29B 17/02
(11) EP2477761
(21) EP10757820.5
(47) 25.07.2018
(87) GB2010051560
24.03.2011
(22) 17.09.2010
(54) REMOVAL OF RESIN RESIDUE FROM BACKING SHEET
(73) Techlan Limited
(72) THOMPSON, Mark
KIERNAN, Michael, Noel
(31) 0916366
201002155
(32) 18.09.2009
10.02.2010
(33) United Kingdom
United Kingdom

(51) B08B 7/02
B24C 7/00
B24C 9/00
(11) EP2455192
(21) EP11187746.0
(47) 25.07.2018
(22) 03.11.2011
(54) Dry-type cleaning chassis and dry-type cleaning device
(73) Ricoh Company, Ltd.
(72) Fuchigami, Akihiro
Okamoto, Yoichi
Tsukahara, Kohji
Murata, Shozo
Taneda, Yuusuke
(31) 2010257203
2011153243
(32) 17.11.2010
11.07.2011
(33) Japan
Japan

(51) B08B 9/093
(11) EP3083088
(21) EP14821148.5
(47) 25.07.2018
(87) EP2014078473
25.06.2015
(22) 18.12.2014
(54) DETERGENT CARTRIDGE FOR CLEANING DEVICE IN OVENS
(73) i-clean Technologies GmbH
(72) TÖPFER, Rüdiger
(31) 102013021732
(32) 20.12.2013
(33) Germany

(51) B09B 3/00
B09B 5/00
(11) EP2804703
(21) EP13702092.1
(47) 25.07.2018
(87) GB2013050115
25.07.2013
(22) 18.01.2013
(54) PROCESS AND METHOD FOR THE TREATMENT OF MATERIALS, MATERIALS THUS OBTAINED AND USES OF THESE MATERIALS.
(73) Power Minerals Limited
(72) DRURY, Les
GAY, Mike
CARSON, John William
(31) 201200877
201202621
(32) 19.01.2012
15.02.2012
(33) United Kingdom
United Kingdom

(51) B21B 39/32
(11) EP3223973
(21) EP15790492.1
(47) 25.07.2018
(87) EP2015074790
02.06.2016
(22) 27.10.2015
(54) SYSTEM FOR OVERTURNING PLATE-SHAPED BODIES
(73) SMS group GmbH
(72) PASS, Gisbert
WERNER, Frank
RIEDIGER, Michael
(31) 102014224364
(32) 28.11.2014
(33) Germany

(51) B21C 37/08
B60G 21/055
C21D 8/10
C21D 9/08
C22C 38/32
B21C 51/00
C21D 7/06
C22C 38/00
C22C 38/02

C22C 38/04
C22C 38/06
C22C 38/28
C21D 7/13
C21D 9/50
C22C 38/22
C22C 38/24
C22C 38/26
C22C 38/50
(11) EP2857537
(21) EP13794071.4
(47) 25.07.2018
(87) JP2013054815
28.11.2013
(22) 25.02.2013
(54) HOLLOW STABILIZER, AND STEEL PIPE FOR HOLLOW STABILIZERS AND METHOD FOR PRODUCTION THEREOF
(73) NHK Spring Co., Ltd.
Nippon Steel & Sumitomo Metal Corporation
(72) ISHITSUKA, Tetsuo
KOYUBA, Motofumi
IWAMURA, Masamichi
TANGE, Akira
TAKAHASHI, Ken
KURIMOTO, Kiyoshi
WAKABAYASHI, Yutaka
(31) 2012119869
(32) 25.05.2012
(33) Japan

(51) B21D 5/04
B21D 43/28
(11) EP3209439
(21) EP14821864.7
(47) 25.07.2018
(87) IT2014000276
28.04.2016
(22) 23.10.2014
(54) COMBINED DEVICE FOR BENDING AND CUTTING RIBBON-SHAPED ELEMENTS AND METHOD FOR BENDING AND CUTTING RIBBON-SHAPED ELEMENTS BY SUCH DEVICE
(73) Byte Line di Pelissero Alessandro
(72) PELISSERO, Alessandro

(51) B21D 22/20
B21D 5/02
B21D 5/08
B21D 24/00
(11) EP2682199
(21) EP12752145.8
(47) 25.07.2018
(87) JP2012055590
07.09.2012
(22) 05.03.2012
(54) METHOD FOR BENDING SHEET METAL AND PRODUCT OF SHEET METAL
(73) Nippon Steel & Sumitomo Metal Corporation
(72) MIZUMURA, Masaaki
SATO, Koichi
SHIRAKAMI, Satoshi
(31) 2011046254
2011046581
(32) 03.03.2011
03.03.2011
(33) Japan
Japan

(51) B21D 22/20
B21D 53/88
C21D 1/18
C21D 9/00
C22C 38/00
C22C 38/14
C22C 38/58
B21D 22/02
B32B 15/01
C21D 6/00
C21D 8/00
C21D 1/673
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/08
C22C 38/12
C22C 38/16
C22C 38/28
C22C 38/32
C22C 38/38
(11) EP2946848
(21) EP14740951.0
(47) 25.07.2018
(87) JP2014050833
24.07.2014
(22) 17.01.2014
(54) MANUFACTURING METHOD FOR HOT PRESS FORMED STEEL MEMBER
(73) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
(72) MIZUTA, Naoki
ASAI, Tatsuya
YAMANO, Takayuki
HOSHIKA, Tetsuji
(31) 2013007808
(32) 18.01.2013
(33) Japan

(51) B21D 47/00
B32B 3/12
E04C 2/34
(11) EP2188077
(21) EP08787755.1
(47) 25.07.2018
(87) FI2008050482
19.03.2009
(22) 03.09.2008
(54) PANEL STRUCTURE
(73) Outokumpu Oyj
(72) VALENTE, Antonio
TAULAVUORI, Tero
SÄYNÄJÄKANGAS, Jukka
KYRÖLÄINEN, Antero
(31) 20070691
(32) 11.09.2007
(33) Finland

(51) B21F 27/12
E04C 5/06
(11) EP2739413
(21) EP12750345.6
(47) 25.07.2018
(87) EP2012065243
07.02.2013
(22) 03.08.2012
(54) METHOD AND APPARATUS FOR MAKING CONCRETE REINFORCEMENT CAGES AND PRODUCT OBTAINED THEREBY
(73) Schnell S.p.A.
(72) GALLUCCIO, Anton Massimo
(31) BO20110483
(32) 03.08.2011
(33) Italy

(51) B21F 33/00
B23D 23/00
(11) EP2745952
(21) EP13005825.8
(47) 25.07.2018
(22) 13.12.2013
(54) Device and method for cutting through gratings
(73) GitterStar GmbH & Co. KG
(72) MARTIN, Kevin
(31) 13132012
(32) 19.12.2012
(33) Austria

(51) B21J 1/06
B21K 29/00
F27D 99/00
(11) EP2440346
(21) EP10720237.6
(47) 25.07.2018
(87) US2010035349
16.12.2010
(22) 19.05.2010
(54) FORGING DIE HEATING APPARATUS AND METHOD FOR USE
(73) ATI Properties LLC
(72) DE SOUZA, Urban J.
FORBES JONES, Robin M.
HENDRICK, Billy B.
LILES, Alonzo L.
MINISANDRAM, Ramesh S.
SHAFFER, Sterry A.
(31) 480246
(32) 08.06.2009
(33) United States of America

(51) B21J 15/02
B21J 15/10
B21J 15/20
B21J 15/26
B21J 15/22
B21D 39/03
B23P 19/06
(11) EP3096899
(21) EP15700366.6
(47) 25.07.2018
(87) EP2015050403
30.07.2015
(22) 12.01.2015
(54) JOINING DEVICE, PREFERABLY FOR APPLYING RIVETS, FOR CLINCHING OR FOR PUNCHING
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) WIEDNER, Matthias
FALKENBERG, Hans-Juergen
GSCHNEIDINGER, Rainer
(31) 102014200962
(32) 21.01.2014
(33) Germany

(51) B21J 15/02
B21J 15/20
(11) EP2511023
(21) EP12162094.2
(47) 25.07.2018
(22) 29.03.2012

(54) Hydraulically operated setting device with a hydraulic aggregate and a joining method for connecting at least two components
(73) Böllhoff Verbindungstechnik GmbH
(72) Draht, Torsten
(31) 102011002058
(32) 14.04.2011
(33) Germany

(51) B21K 1/12
B21H 8/00
F16H 53/00
(11) EP2468432
(21) EP11008495.1
(47) 25.07.2018
(22) 22.10.2011
(54) Method for manufacturing a shifting gate
(73) Dr. Ing. h.c. F. Porsche AG
(72) Ickinger, Frank
Schultz, Willi
Schwarzenthal, Dietmar
(31) 102010061514
(32) 23.12.2010
(33) Germany

(51) B22C 1/02
B22C 1/14
B22C 1/18
B22C 9/10
(11) EP2941327
(21) EP14700045.9
(47) 25.07.2018
(87) EP2014050055
10.07.2014
(22) 03.01.2014
(54) METHOD FOR THE PRODUCTION OF CORE SAND AND OR MOLDING SAND FOR CASTING PURPOSES
(73) Imerys Metalcasting Germany GmbH
(72) WOLFF, Andreas
VENNEMANN, Bettina
GENSKE, Dieter
OBERSCHELP, Peter
(31) 102013100060
(32) 04.01.2013
(33) Germany

(51) B22C 7/00
B22D 41/02
C21C 5/44
F27D 1/16
(11) EP3103562
(21) EP15171855.8
(47) 25.07.2018
(22) 12.06.2015
(54) TEMPLATE
(73) Bierkämper GmbH Stahl- und Anlagenbau
(72) Bierkämper, Thorsten

(51) B22D 7/00
B22D 9/00
B22D 11/128
B22D 11/041
B22D 11/115
B22D 11/12
B22D 11/14
(11) EP2974810
(21) EP14762821.8
(47) 25.07.2018
(87) KR2014002153
18.09.2014
(22) 14.03.2014
(54) CASTING EQUIPMENT AND CASTING METHOD USING SAME
(73) Posco
(72) OH, Kyung Shik
LEE, Joo Dong
CHOI, Jeong Yun
KIM, Sung Jool
(31) 20130027910
(32) 15.03.2013
(33) Korea (Republic)

(51) B22D 7/00
B22D 11/18
(11) EP2969307
(21) EP14714104.8
(47) 25.07.2018
(87) US2014023772
09.10.2014
(22) 11.03.2014
(54) INTERMITTENT MOLTEN METAL DELIVERY
(73) Novelis, Inc.
(72) WAGSTAFF, Robert Bruce
SINDEN, David
(31) 201361777574 P
(32) 12.03.2013
(33) United States of America

(51) B22D 11/05
B22D 11/16
(11) EP3135402
(21) EP15182676.5
(47) 25.07.2018
(22) 27.08.2015
(54) MOULD AND METHOD FOR MONITORING A MOULD
(73) Primetals Technologies Austria GmbH
(72) Lang, Oliver
Leitner, Guenter
Oberschmidleitner, Nicole
Ortner, Christian
Schuster, Martin
Winder, Martin

(51) B22D 11/128
B22D 11/20
(11) EP3212352
(21) EP15785118.9
(47) 25.07.2018
(87) EP2015074831
06.05.2016
(22) 27.10.2015
(54) STRAND GUIDING SYSTEM AND METHOD FOR THE CONFIGURATION OF SUCH A STRAND GUIDING SYSTEM
(73) Primetals Technologies Austria GmbH
(72) ENZINGER, Christian
FUCHSHUBER, Daniel
GRUBER, Christian
HOECHTEL, Franz Josef
HORNBACHNER, Robert
KIBLER, Wolfgang
OBERSCHMIDLEITNER, Nicole
STARRERMAIR, Michael
WAHL, Helmut
(31) 507752014
(32) 28.10.2014
(33) Austria

(51) B22D 17/00
B66B 21/00
C22C 21/00
C22C 21/06
C22C 21/08
B66B 23/12
(11) EP3040139
(21) EP15197388.0
(47) 25.07.2018
(22) 01.12.2015
(54) USE OF AN ALUMINIUM ALLOY FOR AN ESCALATOR STEP OR AUTO-WALK PALLET AS A MECHANICAL PART
(73) Kone Corporation
(72) Mäkimattila, Simo
(31) 201410840662
(32) 29.12.2014
(33) China

(51) B22F 3/10
B22F 3/12
B22F 7/00
C03C 3/00
C22C 45/00
(11) EP2969318
(21) EP14807246.5
(47) 25.07.2018
(87) US2014029581
11.12.2014
(22) 14.03.2014
(54) GLASS-METAL COMPOSITES
(73) Schott Corporation
(72) WEINHOLD, Carsten
(31) 201361792400 P
(32) 15.03.2013
(33) United States of America

(51) B22F 3/105
B23K 26/34
(11) EP2846949
(21) EP13727271.2
(47) 25.07.2018
(87) FR2013051016
14.11.2013
(22) 07.05.2013
(54) REPAIR METHOD FOR METALLIC PIECES FOR TURBOJETS OF AIRCRAFTS AND PROTECTION DEVICE FOR CARRYING OUT SAID METHOD
(73) Safran Aircraft Engines
(72) MOTTIN, Jean-Baptiste
(31) 1254191
(32) 09.05.2012
(33) France

(51) B22F 9/00
B22F 1/00
B22F 1/02
H01B 1/00
H01B 1/22
H01L 21/52
H01L 23/00
H05K 3/32
C09J 11/06
C22C 5/06
H05K 1/09
(11) EP2719486
(21) EP11867177.5
(47) 25.07.2018
(87) JP2011063421
13.12.2012
(22) 10.06.2011
(54) BONDING MATERIAL AND BONDED OBJECT PRODUCED USING SAME

(73) DOWA Electronics Materials Co., Ltd.
(72) KURITA Satoru
HINOTSU Takashi
SASAKI Shinya
(51) B23B 27/16
B23B 27/04
B23B 29/04
(11) EP2838683
(21) EP13721111.6
(47) 25.07.2018
(87) IL2013050256
24.10.2013
(22) 19.03.2013
(54) CUTTING TOOL AND CUTTING TOOL HOLDER HAVING LEVER PIN
(73) Iscar Ltd.
(72) HECHT, Gil
(31) 201213450691
(32) 19.04.2012
(33) United States of America

(51) B23B 31/20
B23B 31/16
(11) EP2747922
(21) EP11752178.1
(47) 25.07.2018
(87) EP2011064692
07.03.2013
(22) 26.08.2011
(54) APPARATUS AND METHOD FOR CLAMPING A COMPONENT ON A ROTATING MACHINE PART
(73) Franz Haimer Maschinenbau KG
(72) HAIMER, Franz

(51) B23D 59/02
(11) EP2711117
(21) EP13183515.9
(47) 25.07.2018
(22) 09.09.2013
(54) Cutting device with a splash guard and method for cutting workpieces
(73) SDC - Steinsanierung Denkmalpflege Crailsheim GmbH & Co. KG
WEISS Steintechnik Handels GmbH
(72) Rathgeb, Bertold
StÖhr, Wilhelm
StÜtz, Erik
(31) 102012108813
(32) 19.09.2012
(33) Germany

(51) B23K 1/00
B23K 1/19
B23K 35/30
C04B 37/00
B23K 1/20
B23K 35/02
(11) EP2547481
(21) EP11712791.0
(47) 25.07.2018
(87) EP2011053691
22.09.2011
(22) 11.03.2011
(54) METHOD OF JOINING PARTS OF SIC-BASED MATERIALS BY NONREACTIVE BRAZING, BRAZING COMPOSITION, AND ASSEMBLY OBTAINED BY THIS METHOD
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) CHAUMAT, Valérie
HENNE, Jean-François
(31) 1051871
(32) 16.03.2010
(33) France

(51) B23K 3/06
H05K 3/34
B23K 101/42
B23K 3/08
(11) EP3112071
(21) EP14884020.0
(47) 25.07.2018
(87) JP2014054700
03.09.2015
(22) 26.02.2014
(54) SOLDER SUPPLY SYSTEM
(73) Fuji Machine Mfg. Co., Ltd.
(72) KATO, Mitsuaki
FUJITA, Yoji

(51) B23K 9/10
B23K 37/00
(11) EP2640543
(21) EP11801816.7
(47) 25.07.2018
(87) IB2011002615
24.05.2012
(22) 03.11.2011
(54) DEVICE AND METHOD TO CONTROL A POWER SOURCE WITH IMPROVED SAFETY
(73) Lincoln Global, Inc.
(72) STAVA, Elliott, K.
CLARK, Keith, L.
(31) 946071
(32) 15.11.2010
(33) United States of America

(51) B23K 11/24
B23K 11/11
B23K 35/02
B23K 103/04
(11) EP3088119
(21) EP14874195.2
(47) 25.07.2018
(87) JP2014084741
02.07.2015
(22) 22.12.2014
(54) RESISTANCE SPOT WELDING METHOD
(73) JFE Steel Corporation
(72) SAWANISHI, Chikaumi
OKITA, Yasuaki
IKEDA, Rinsei
(31) 2013273246
(32) 27.12.2013
(33) Japan

(51) B23K 20/12
(11) EP2792445
(21) EP13164327.2
(47) 25.07.2018
(22) 18.04.2013
(54) Hollow profile connection using a friction stir welding process
(73) Magna Steyr Fahrzeugtechnik AG & Co KG
(72) Hofer, Bernhard
Zachnegger, Harald

(51) B23K 20/12
B23K 20/16
B23K 103/18
B23K 20/233
B23K 103/10
(11) EP3064306
(21) EP14857107.8
(47) 25.07.2018
(87) JP2014005023
07.05.2015
(22) 01.10.2014
(54) FRICTION STIR WELDING DEVICE AND METHOD FOR MANUFACTURING METAL STRUCTURE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) NISHIDA, Hidehito
YOSHIKAWA, Syuhei
KAMIMUKI, Kenichi
OKADA, Hideki
ORIBE, Hiroki
(31) 2013228635
(32) 01.11.2013
(33) Japan

(51) B23K 26/38
B23K 26/00
B23K 26/04
B23K 26/14
H01M 2/30
B23K 103/16
(11) EP2631030
(21) EP11834292.2
(47) 25.07.2018
(87) JP2011073712
26.04.2012
(22) 14.10.2011
(54) LASER CUTTING METHOD
(73) Nissan Motor Co., Ltd
(72) HAMAGUCHI, Yuji
(31) 2010234722
(32) 19.10.2010
(33) Japan

(51) B23K 35/02
B23K 35/28
B23K 35/40
C22C 21/02
(11) EP2533936
(21) EP11704889.2
(47) 25.07.2018
(87) US2011024064
18.08.2011
(22) 08.02.2011
(54) ALUMINUM ALLOY WELDING WIRE
(73) Hobart Brothers LLC
(72) ANDERSON, Bruce Edward
(31) 303149 P
(32) 10.02.2010
(33) United States of America

(51) B23K 35/26
C22C 13/00
H05K 3/34
(11) EP2698225
(21) EP12771978.9
(47) 25.07.2018
(87) JP2012060299
18.10.2012
(22) 16.04.2012
(54) LEAD-FREE SOLDER ALLOY
(73) Nihon Superior Co., Ltd.
(72) NISHIMURA Tetsuro
(31) 2011090900
(32) 15.04.2011

(33) Japan

(51) B23K 35/36
B23K 35/40
B22F 1/02
B23K 35/02
C22C 29/12
B23K 35/362
(11) EP2674242
(21) EP12744743.1
(47) 25.07.2018
(87) JP2012051523
16.08.2012
(22) 25.01.2012
(54) TITANIUM OXIDE RAW MATERIAL FOR WELDING MATERIAL
(73) Kabushiki Kaisha Kobe Seiko Sho
(72) YAMAMOTO, Eri
MASAIE, Norio
KATAOKA, Akiyoshi
(31) 2011025396
(32) 08.02.2011
(33) Japan

(51) B23K 35/36
C10M 173/02
(11) EP3162492
(21) EP16193261.1
(47) 25.07.2018
(22) 11.10.2016
(54) USE OF A RELEASE AGENT COMPOSITION
(73) Hoffmann, Hans
(72) Hoffmann, Hans
(31) 6962015
(32) 28.10.2015
(33) Austria

(51) B23K 35/363
B23K 1/00
B23K 1/19
B23K 3/06
B23K 35/28
C22C 21/00
F28D 1/053
F28F 19/06
F28F 21/08
B23K 101/14
B23K 103/10
(11) EP3150327
(21) EP15800648.6
(47) 25.07.2018
(87) JP2015062739
03.12.2015
(22) 27.04.2015
(54) COATED HEAT-EXCHANGER TUBE, METHOD FOR MANUFACTURING A HEAT-EXCHANGER, AND SOLDER PASTE USED FOR COATING ON THE HEAT-EXCHANGER TUBE
(73) UACJ Corporation
Harima Chemicals, Inc.
(72) YAMASHITA, Naoki
KUMAGAI, Hidetoshi
KIGA, Daigo
(31) 2014108119
(32) 26.05.2014
(33) Japan

(51) B23Q 1/00
(11) EP3081329
(21) EP16164990.0
(47) 25.07.2018
(22) 13.04.2016
(54) CLAMPING MODULE AND CLAMPING SYSTEM IN PARTICULAR ZERO POINT CLAMPING SYSTEM
(73) Schunk GmbH & Co. KG Spann- und Greiftechnik
(72) KOCH, Alexander
EBE, Frank
(31) 102015206590
(32) 14.04.2015
(33) Germany

(51) B24B 35/00
(11) EP3145673
(21) EP15727897.9
(47) 25.07.2018
(87) EP2015061148
26.11.2015
(22) 20.05.2015
(54) PRESSING DEVICE HAVING A TOOTHED BELT
(73) Thielenhaus Technologies GmbH
(72) STEINWENDER, Holger
(31) 202014102403 U
(32) 22.05.2014
(33) Germany

(51) B25B 23/145
B25B 23/147
G01L 5/24
F16B 1/00
G01L 1/25
F16B 31/02
(11) EP2035217
(21) EP07809160.0
(47) 25.07.2018
(87) US2007012302
06.12.2007
(22) 24.05.2007
(54) PROBE FOR FASTENER IDENTIFICATION AND ULTRASONIC LOAD MEASUREMENT
(73) Innovation Plus, L.L.C.
(72) KIBBLEWHITE, Ian, E.
KOTAS, Donald, E.
(31) 808908 P
(32) 26.05.2006
(33) United States of America

(51) B25F 5/00
(11) EP3170625
(21) EP16002439.4
(47) 25.07.2018
(22) 17.11.2016
(54) TOOL
(73) MAX CO., LTD.
(72) Yamashita, Michio
(31) 2015228224
(32) 20.11.2015
(33) Japan

(51) B25F 5/00
B25F 5/02
B25F 3/00
B27B 19/00
(11) EP3043968
(21) EP14844057.1
(47) 25.07.2018
(87) US2014055388
19.03.2015
(22) 12.09.2014
(54) LOCKING MECHANISM FOR AN ARTICULATING OSCILLATING POWER TOOL
(73) Robert Bosch GmbH
(72) WIERZCHON, Peter J.
(31) 201361876939 P
(32) 12.09.2013
(33) United States of America

(51) B25H 1/04
(11) EP2640557
(21) EP11760763.0
(47) 25.07.2018
(87) EP2011066369
24.05.2012
(22) 21.09.2011
(54) WORKBENCH, IN PARTICULAR FOR THE WORKSHOP SECTOR
(73) Robert Bosch GmbH
(72) DREHER, Ernst
CRAMER, Christoph
(31) 102010044103
(32) 18.11.2010
(33) Germany

(51) B25J 9/00
(11) EP3183098
(21) EP15749964.1
(47) 25.07.2018
(87) CZ2015000079
25.02.2016
(22) 21.07.2015
(54) A DEVICE FOR CONTROL OF A SPHERICAL MOTION OF A BODY
(73) CVUT V Praze, Fakulta Strojní
(72) VALÁSEK, Michael
STORKÁN, Jaroslav
(31) 20140550
(32) 18.08.2014
(33) Czech Republic

(51) B25J 9/10
B62D 57/032
B25J 19/06
(11) EP3152008
(21) EP15728800.2
(47) 25.07.2018
(87) EP2015062458
10.12.2015
(22) 03.06.2015
(54) SAFETY OF A HUMANOID-TYPE ROBOT
(73) Softbank Robotics Europe
(72) CLERC, Vincent
(31) 1455027
(32) 03.06.2014
(33) France

(51) B25J 9/16
(11) EP2993002
(21) EP15182746.6
(47) 25.07.2018
(22) 27.08.2015
(54) ROBOT APPARATUS AND METHOD FOR CONTROLLING ROBOT APPARATUS
(73) CANON KABUSHIKI KAISHA
(72) SUZUKI, Hideaki
(31) 2014178689
(32) 03.09.2014
(33) Japan

(51) B25J 19/00
(11) EP3152011
(21) EP15726150.4
(47) 25.07.2018
(87) EP2015062209
10.12.2015
(22) 02.06.2015
(54) KEY FOR ACTUATING A PLURALITY OF HUMANOID ROBOT MECHANISMS
(73) Softbank Robotics Europe
(72) TESSIER, Ludovic
FRITSCH, Claude
(31) 1455094
(32) 05.06.2014
(33) France

(51) B25J 19/00
B25J 19/06
(11) EP3152013
(21) EP15727953.0
(47) 25.07.2018
(87) EP2015062459
10.12.2015
(22) 03.06.2015
(54) ANTI-JAMMING SYSTEM IN A HUMANOID-TYPE ROBOT
(73) Softbank Robotics Europe
(72) MUGNIER, Fabien
CLERC, Vincent
(31) 1455028
(32) 03.06.2014
(33) France

(51) B25J 19/00
B62D 57/032
F16D 49/20
(11) EP3152014
(21) EP15729385.3
(47) 25.07.2018
(87) EP2015062621
10.12.2015
(22) 05.06.2015
(54) SECURE, MOTOR-DRIVEN JOINT TO BE PROVIDED ON A HUMANOID ROBOT
(73) Softbank Robotics Europe
(72) CLERC, Vincent
HOUCHU, Ludovic
CHEVRY, Vincent
(31) 1455092
(32) 05.06.2014
(33) France

(51) B26B 11/00
B26B 25/00
B26D 1/143
(11) EP3040170
(21) EP15200763.9
(47) 25.07.2018
(22) 17.12.2015
(54) CUTTER COMBINATION DEVICE FOR FOODSTUFFS
(73) King's Flair Development Ltd.
(72) WONG, Siu Wah
(31) 201562099427 P
(32) 02.01.2015
(33) United States of America

(51) B26B 19/20
B26B 19/06
(11) EP3142834
(21) EP16702148.4
(47) 25.07.2018
(87) EP2016052101
01.09.2016
(22) 02.02.2016
(54) ATTACHMENT COMB AND HAIR CUTTING APPLIANCE
(73) Koninklijke Philips N.V.
(72) PHOON, Kin Fatt
ANDERSSON, Jens
(31) 15156723
(32) 26.02.2015
(33) European Patent Office (EPO)

(51) B26B 21/54
B26B 21/56
B23P 15/40
(11) EP2661340
(21) EP11855196.9
(47) 25.07.2018
(87) US2011063694
12.07.2012
(22) 07.12.2011
(54) RAZOR BLADE TECHNOLOGY
(73) Edgewell Personal Care Brands, LLC
(72) XU, Yiming
(31) 201161430290 P
(32) 06.01.2011
(33) United States of America

(51) B26B 29/02
(11) EP3123098
(21) EP15770303.4
(47) 25.07.2018
(87) US2015022265
01.10.2015
(22) 24.03.2015
(54) KNIFE SHEATH
(73) Palmetto Support Technologies LLC
(72) BENTON, George A.
LOWSKY, John
RIBER, Ezra
(31) 201461969654 P
201462075232 P
(32) 24.03.2014
04.11.2014
(33) United States of America
United States of America

(51) B26D 1/15
B26D 7/06
(11) EP3168014
(21) EP16197939.8
(47) 25.07.2018
(22) 09.11.2016
(54) CUTTING MACHINE WITH PIVOTABLE CARRIAGE
(73) Bizerba SE & Co. KG
(72) DINGER, Manfred
WERSCHING, Claudius
(31) 102015119585
(32) 12.11.2015
(33) Germany

(51) B26D 1/30
B26D 7/00
B26D 7/22
(11) EP3100834
(21) EP16170927.4
(47) 25.07.2018
(22) 23.05.2016
(54) GUILLOTINE ARM WITHPROTECTION GUARD
(73) Avery UK
(72) JERSTICE, Clare
(31) 201509427
(32) 01.06.2015
(33) United Kingdom

(51) B26D 3/08
B26D 5/00
B26F 1/38
B31F 1/07
(11) EP3059053
(21) EP16156426.5
(47) 25.07.2018
(22) 19.02.2016
(54) CONTROL METHOD OF EMBOSSING APPARATUS
(73) Graphtec Corporation
(72) Ryoichi, Oka
Kazuhiro, Watanabe
Tsutomu, Ohira
(31) 2015032570
(32) 23.02.2015
(33) Japan

(51) B26D 5/00
B26D 5/34
B31F 1/28
(11) EP3156199
(21) EP16189850.7
(47) 25.07.2018
(22) 21.09.2016
(54) CORRUGATED CARDBOARD ASSEMBLY
(73) BHS Corrugated Maschinen-und Anlagenbau GmbH
(72) Bayer, Friedrich
Kraus, Helmut
(31) 102015218318
102015219630
(32) 24.09.2015
09.10.2015
(33) Germany
Germany

(51) B26D 5/04
B26D 1/08
B23D 17/06
B30B 15/16
B26D 7/02
(11) EP3248743
(21) EP16171712.9
(47) 25.07.2018
(22) 27.05.2016
(54) CUTTING MACHINE
(73) Adolf Mohr Maschinenfabrik GmbH & Co. KG
(72) GOTTSCHALK, Gerd
STEMMER, Frank

(51) B26D 7/06
B26D 7/27
B26D 7/30
F21V 33/00
B26D 5/00
(11) EP3205465
(21) EP17165485.8
(47) 25.07.2018
(22) 16.09.2015
(54) DEVICE FOR CUTTING FOOD PRODUCTS
(73) Weber Maschinenbau GmbH Breidenbach
(72) Köster, Bernd
Stremel, Jörg

Burk, Alexander
(31) 102014113424
(32) 17.09.2014
(33) Germany

(51) B26D 7/14
B26D 7/01
B65B 69/00
B26D 1/14
B26D 1/00
B26D 7/26
B26F 1/20
(11) EP2894017
(21) EP14197356.0
(47) 25.07.2018
(22) 11.12.2014
(54) Method for applying a cut path and device for its application
(73) ALS Automatic Logistic Solutions GmbH
(72) Hörl, Bernhard
(31) 102013114867
102013114866
202013105943 U
(32) 24.12.2013
24.12.2013
24.12.2013
(33) Germany
Germany
Germany

(51) B26D 7/18
B26F 1/38
(11) EP3181311
(21) EP16002559.9
(47) 25.07.2018
(22) 01.12.2016
(54) DEVICE FOR SEPARATING OUT PARTS FROM A MATERIAL SHEET
(73) Harro Höfliger Verpackungsmaschinen GmbH
(72) Signore, Andreas
Samp, Manfred
(31) 202015008522 U
(32) 14.12.2015
(33) Germany

(51) B26F 3/00
B24C 1/04
(11) EP3062977
(21) EP14792989.7
(47) 25.07.2018
(87) US2014062358
07.05.2015
(22) 27.10.2014
(54) FLUID JET CUTTING SYSTEMS
(73) Flow International Corporation
(72) HASHISH, Mohamed, A.
CHILLMAN, Alex M.
BROWN, Charles, M.
CRAIGEN, Steven, J.
(31) 201314065255
(32) 28.10.2013
(33) United States of America

(51) B27N 3/00
B27N 3/04
(11) EP2802442
(21) EP12727409.0
(47) 25.07.2018
(87) IB2012000613
18.07.2013
(22) 22.03.2012
(54) PARTICLE BOARD CONTAINING TREE SEEDS FROM THE CASUARINAS (FILAOS) FAMILY AND GUM ARABIC
(73) Thibault, Etienne Christ Yves
(72) Thibault, Etienne Christ Yves
(31) 1201200025
(32) 10.01.2012
(33) African Intellectual Property Organization (OAPI)

(51) B28B 1/30
B28B 5/02
B28B 11/24
H01G 4/12
F26B 3/02
F26B 15/18
B22F 3/00
B22F 3/22
B22F 5/00
H01G 4/30
(11) EP2599603
(21) EP12195012.5
(47) 25.07.2018
(22) 30.11.2012
(54) Device for the production of green films made from ceramic and/or metallic material
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung
(72) Scheithauer, Uwe
Richter, Hans-Jürgen
Moritz, Tassilo
(31) 102011120546
(32) 02.12.2011
(33) Germany

(51) B29B 7/74
B29B 7/00
B29C 47/38
B29B 7/88
B29D 30/58
B29C 47/40
B29C 47/10
B29C 47/36
B29C 47/64
B29B 7/84
B29K 221/00
B29K 61/00
(11) EP3003666
(21) EP14747130.4
(47) 25.07.2018
(87) IB2014061814
04.12.2014
(22) 29.05.2014
(54) PROCESS FOR PRODUCING TYRES FOR VEHICLE WHEELS
(73) Pirelli Tyre S.p.A.
(72) ROMANI, Francesco
DE CANCELLIS, Pierluigi
TESTI, Stefano
LONGONI, Alessio
(31) MI20130880
(32) 30.05.2013
(33) Italy

(51) B29B 9/08
B29B 9/14
B29C 45/00
B29B 7/92
B29B 9/16
B29C 45/46
B29B 7/90
(11) EP2960029
(21) EP15169261.3
(47) 25.07.2018
(22) 26.05.2015
(54) METHOD FOR PRODUCING A PLASTIC PART REINFORCED WITH NATURAL FIBRES
(73) HIB Trim Part Solutions GmbH
(72) Schnabel, Uwe
(31) 102014108820
(32) 24.06.2014
(33) Germany

(51) B29C 33/04
B29L 31/56
B29C 45/73
B29C 43/52
(11) EP2828054
(21) EP13721086.0
(47) 25.07.2018
(87) IB2013052210
26.09.2013
(22) 20.03.2013
(54) A MALE MOULD ELEMENT
(73) Sacmi Cooperativa Meccanici Imola Societa' Cooperativa
(72) PENAZZI, Davide
(31) MO20120072
(32) 21.03.2012
(33) Italy

(51) B29C 33/38
B29C 33/40
B29C 33/42
B29C 33/44
(11) EP3153290
(21) EP16192478.2
(47) 25.07.2018
(22) 05.10.2016
(54) METHOD OF MANUFACTURING MOLD AND METHOD OF MANUFACTURING PATTERN SHEET
(73) FUJIFILM Corporation
(72) OGAWA, Shotaro
MOCHIZUKI, Aya
FUJITA, Atsushi
USA, Toshihiro
(31) 2015198256
(32) 06.10.2015
(33) Japan

(51) B29C 33/38
B29C 33/40
B29C 33/42
B29C 33/68
(11) EP3153291
(21) EP16192486.5
(47) 25.07.2018
(22) 05.10.2016
(54) METHOD OF MANUFACTURING MOLD AND METHOD OF MANUFACTURING PATTERN SHEET
(73) FUJIFILM Corporation
(72) OGAWA, Shotaro
USA, Toshihiro
FUJITA, Atsushi
MOCHIZUKI, Aya
(31) 2015198257
(32) 06.10.2015
(33) Japan

(51) B29C 33/44

B22D 17/22
(11) EP2735414
(21) EP12817479.4
(47) 25.07.2018
(87) JP2012050359
31.01.2013
(22) 11.01.2012
(54) UNDERCUT PROCESSING MECHANISM
(73) Technocrats Corporation
(72) SORIMOTO, Masanori
(31) 2011160937
(32) 22.07.2011
(33) Japan

(51) B29C 39/24
B29C 33/38
B29C 31/04
B29C 39/00
B29C 39/02
A61K 9/70
A61M 37/00
B29L 31/00
B29K 105/00
(11) EP3162526
(21) EP16196140.4
(47) 25.07.2018
(22) 27.10.2016
(54) METHOD OF MANUFACTURING SHEET
(73) FUJIFILM Corporation
(72) OKANO, Keio
KATAGIRI, Yoshinobu
(31) 2015211803
(32) 28.10.2015
(33) Japan

(51) B29C 41/00
B29C 41/04
B29C 41/22
B29C 41/20
B32B 27/12
B29C 70/32
B29C 70/86
B32B 27/08
B32B 27/36
B32B 27/38
B32B 1/02
B32B 27/28
B32B 27/32
B32B 27/34
B32B 27/40
B32B 27/06
B29K 67/00
(11) EP2928657
(21) EP14707185.6
(47) 25.07.2018
(87) EP2014053972
12.09.2014
(22) 28.02.2014
(54) MULTILAYERED ROTOMOULDED ARTICLES
(73) Total Research & Technology Feluy
(72) MAZIERS, Eric
(31) 13157835
(32) 05.03.2013
(33) European Patent Office (EPO)

(51) B29C 43/18
B29C 70/80
B65D 41/02
B29L 31/56
(11) EP2539137
(21) EP11748107.7
(47) 25.07.2018
(87) US2011026155
01.09.2011
(22) 25.02.2011
(54) METHOD OF FORMING A COMPOSITE CLOSURE
(73) Closure Systems International Inc.
(72) STONEBRAKER, Robert, L.
(31) 308450 P
(32) 26.02.2010
(33) United States of America

(51) B29C 43/22
B29C 43/06
B29C 47/00
B29C 43/46
B29C 43/48
E06B 3/263
(11) EP3119575
(21) EP15711720.1
(47) 25.07.2018
(87) EP2015055698
24.09.2015
(22) 18.03.2015
(54) PROCESS FOR MAKING ISOLATING STRIPS
(73) Ensinger GmbH
(72) KROHMER, Christoph
STIEHL, Lena
(31) 102014103729
(32) 19.03.2014
(33) Germany

(51) B29C 45/00
B29C 45/43
B29C 45/33
B65D 47/08
B29L 31/56
(11) EP3281759
(21) EP16001773.7
(47) 25.07.2018
(22) 10.08.2016
(54) PROCESS FOR MAKING SEALS FOR PACKAGING BY INJECTION IN MOULD
(73) ITC Packaging, S.L.U.
(72) Sánchez, Pedro Galera

(51) B29C 45/18
(11) EP2655036
(21) EP11850840.7
(47) 25.07.2018
(87) CA2011050782
28.06.2012
(22) 19.12.2011
(54) MOULD WITH MELT DISTRIBUTION MANIFOLD
(73) Mold Hotrunner Solutions, Inc.
(72) SCHMIDT, Harald
GOODWIN, Evan
(31) 201061425075 P
(32) 20.12.2010
(33) United States of America

(51) B29C 45/26
B29C 45/00
B29L 23/00
B29C 45/17
(11) EP2656999
(21) EP11851965.1
(47) 25.07.2018
(87) JP2011077642
28.06.2012
(22) 30.11.2011
(54) HOLLOW BODY MOLDING DEVICE
(73) RP Topla Limited
(72) SAKAMOTO Tomoyoshi
OJIRO Minoru
HIROSE Takashi
HATA Yasuhiko
KATAGIRI Hiroki
(31) 2010285716
(32) 22.12.2010
(33) Japan

(51) B29C 45/28
B29C 45/27
(11) EP2633971
(21) EP13151950.6
(47) 25.07.2018
(22) 18.01.2013
(54) INJECTION MOULDING NOZZLE WITH CLOSURE NEEDLES GUIDED BY GUIDE BUSHINGS AND INJECTION MOULDING DEVICE WITH SAME
(73) GÜNTHER Heisskanaltechnik GmbH
(72) Günther, Herbert
Sommer, Siegrid
Schnell, Torsten
(31) 102012101754
(32) 01.03.2012
(33) Germany

(51) B29C 45/64
B29C 49/56
B29C 49/36
B29L 22/00
(11) EP2977176
(21) EP13878760.1
(47) 25.07.2018
(87) CN2013074917
25.09.2014
(22) 27.04.2013
(54) SYSTEM WITH LINKAGE MECHANISM BETWEEN UNIAXIAL DIE OPENING AND CLOSING AND BOTTOM DIE POSITIONING
(73) Jiangsu Newamstar Packaging Machinery Co., Ltd
(72) DONG, Hailong
CHU, Xingan
YANG, Xinliang
HE, Deping
(31) 201310088430
(32) 19.03.2013
(33) China

(51) B29C 45/73
B29C 45/72
B29C 33/08
B29C 45/00
B29C 33/02
B29K 505/00
B29C 33/10
B29C 44/34
B29K 105/04
B29C 45/17
(11) EP2601034
(21) EP10855706.7
(47) 25.07.2018
(87) US2010044563
09.02.2012
(22) 05.08.2010

(54) FOAMED RESIN INJECTION MOLDING METHOD
(73) Ford Global Technologies, LLC
(72) SUN, Haoliang Michael
LEE, Ellen Cheng-chi
PAUKEN, Junko
(51) B29C 49/42
B29C 49/06
B29C 49/12
B29C 49/64
B29L 31/00
B29K 667/00
B29K 105/00
B65G 17/12
B65G 17/32
(11) EP3148776
(21) EP15738972.7
(47) 25.07.2018
(87) IB2015053964
03.12.2015
(22) 27.05.2015
(54) APPARATUS FOR CONVEYING CONTAINERS MADE OF PLASTIC MATERIAL
(73) S.I.P.A. Società Industrializzazione Progettazione e Automazione S.p.A.
(72) ZOPPAS, Matteo
EUSEBIONE, Ernesto
CAVALLINI, Franco
SEGAT, Matteo
(31) RM20140282
(32) 28.05.2014
(33) Italy

(51) B29C 49/46
B29C 49/42
B29C 49/36
B29C 49/12
(11) EP2537663
(21) EP12173175.6
(47) 25.07.2018
(22) 22.06.2012
(54) Device and method for reforming plastic pre-forms into plastic containers with air extraction guided through a surge tank
(73) Krones AG
(72) Geltinger, Florian
Braun, Franz
Kerim, Yasin
(31) 102011105745
(32) 24.06.2011
(33) Germany

(51) B29C 49/48
B29C 33/02
B29C 33/04
B29C 35/16
B29C 49/06
(11) EP2979842
(21) EP14773561.7
(47) 25.07.2018
(87) JP2014058736
02.10.2014
(22) 27.03.2014
(54) PLASTIC BOTTLE BLOW MOLDING DIE
(73) Dai Nippon Printing Co., Ltd.
(72) SUGA, Yusuke
MIYAWAKI, Takuma
(31) 2013066564
2013105463
2013235198
2013235212
(32) 27.03.2013
17.05.2013
13.11.2013
13.11.2013
(33) Japan
Japan
Japan
Japan

(51) B29C 53/08
(11) EP3041662
(21) EP14781925.4
(47) 25.07.2018
(87) FR2014000191
12.03.2015
(22) 28.08.2014
(54) DEVICE FOR BENDING TUBES BY THERMOFORMING
(73) ADMC Holding, LLC
(72) JAUBERT, Philippe
(31) 1302050
(32) 04.09.2013
(33) France

(51) B29C 59/10
H01T 19/00
(11) EP2976210
(21) EP14768044.1
(47) 25.07.2018
(87) DK2014050065
25.09.2014
(22) 18.03.2014
(54) UNIT AND METHOD FOR CORONA TREATMENT
(73) Tresu A/S
(72) GYDESEN, Erik
(31) 201370159
(32) 19.03.2013
(33) Denmark

(51) B29C 64/209
B29C 64/106
(11) EP3173214
(21) EP16199934.7
(47) 25.07.2018
(22) 22.11.2016
(54) EXTRUSION NOZZLE FOR NON-METALLIC MOLTEN MATERIALS
(73) Soulier, Lionel
(72) Soulier, Lionel
(31) 1502467
(32) 25.11.2015
(33) France

(51) B29C 65/08
B29C 65/78
B65B 7/02
B65B 51/22
B65B 51/14
(11) EP3202555
(21) EP15787246.6
(47) 25.07.2018
(87) ES2015070701
07.04.2016
(22) 28.09.2015
(54) DEVICE FOR WELDING A VALVE BAG AND CORRESPONDING PROCESS
(73) Tecnicas Mecanicas Ilerdenses, S.L.
(72) ARDERIU CABAU, Xavier
(31) 201431443
(32) 30.09.2014
(33) Spain

(51) B29C 65/16
B29C 65/74
A61F 13/15
B23K 26/06
B23K 26/073
B23K 26/32
B23K 26/38
B23K 26/08
B23K 26/40
B29C 65/00
B29L 31/48
B32B 7/04
B32B 37/00
B32B 38/00
A61F 13/56
B23K 103/16
B23K 103/00
B23K 26/082
(11) EP2813347
(21) EP13790158.3
(47) 25.07.2018
(87) JP2013063418
21.11.2013
(22) 14.05.2013
(54) METHOD AND DEVICE FOR MANUFACTURING FUSED SHEETS
(73) Kao Corporation
(72) IMAI, Koji
HAMAMOTO, Shinji
KOKUBO, Makoto
YANASHIMA, Takuo
MORITA, Akio
(31) 2012112263
2013042228
2013098113
(32) 16.05.2012
04.03.2013
08.05.2013
(33) Japan
Japan
Japan

(51) B29C 65/18
B29C 65/48
B29C 65/00
A61J 1/10
B29C 65/50
B29L 31/00
(11) EP3061695
(21) EP14856703.5
(47) 25.07.2018
(87) JP2014077152
30.04.2015
(22) 10.10.2014
(54) BONDING METHOD
(73) Fujifilm Corporation
(72) SAKAZAKI, Yoshiki
(31) 2013218928
(32) 22.10.2013
(33) Japan

(51) B29C 70/48
B29C 45/76
B29C 45/78
B29C 45/77
B29C 39/00
B29C 45/00
B29C 35/02

B29C 45/02
B29K 21/00
B29K 63/00
(11) EP3200986
(21) EP15784076.0
(47) 25.07.2018
(87) FR2015052609
07.04.2016
(22) 30.09.2015
(54) PROCESS FOR MOULDING A THERMOSETTING RESIN.
(73) Safran Aircraft Engines
(72) TECHER, Marc-Emmanuel
JAUSSAUD, Raoul
(31) 1459231
(32) 30.09.2014
(33) France

(51) B29C 70/52
(11) EP2265431
(21) EP09715015.5
(47) 25.07.2018
(87) EP2009001411
03.09.2009
(22) 27.02.2009
(54) SHAPING DEVICE FOR MANUFACTURING PROFILED SEMIFINISHED PRODUCTS, PLANT COMPRISING SUCH A SHAPING DEVICE, AND METHOD FOR MANUFACTURING PROFILED SEMIFINISHED PRODUCTS
(73) Airbus Operations GmbH
(72) LENGSFELD, Hauke
LÜBBERING, Christian
(31) 31833 P
102008011411
(32) 27.02.2008
27.02.2008
(33) United States of America
Germany

(51) B29D 30/06
B29C 33/02
B29C 33/38
B29C 35/02
B23P 15/24
B22F 3/105
(11) EP2960031
(21) EP14754867.1
(47) 25.07.2018
(87) JP2014054521
28.08.2014
(22) 25.02.2014
(54) METHOD FOR PRODUCING A TIRE-VULCANIZING MOLD AND TIRE-VULCANIZING MOLD
(73) Bridgestone Corporation
(72) SASAKI Sachio
(31) 2013034747
(32) 25.02.2013
(33) Japan

(51) B29D 30/32
(11) EP3165351
(21) EP16183148.2
(47) 25.07.2018
(22) 08.08.2016
(54) TIRE CONSTRUCTION DEVICE AND METHOD FOR PRODUCING A TIRE BLANK
(73) Continental Reifen Deutschland GmbH
(72) Reitmann, Sebastian
Knull, Stephan
(31) 102015221700
(32) 05.11.2015
(33) Germany

(51) B29D 99/00
(11) EP2126349
(21) EP08700934.6
(47) 25.07.2018
(87) DK2008000063
04.09.2008
(22) 07.02.2008
(54) A WIND TURBINE BLADE AND METHOD FOR ASSEMBLING A WIND TURBINE BLADE
(73) Vestas Wind Systems A/S
(72) HANCOCK, Mark
(31) 200700297
(32) 27.02.2007
(33) Denmark

(51) B30B 3/00
B30B 3/04
B30B 15/16
B30B 15/28
D21F 3/04
D21F 3/06
D21F 3/08
D21G 9/00
(11) EP2986775
(21) EP14726824.7
(47) 25.07.2018
(87) US2014034446
23.10.2014
(22) 17.04.2014
(54) INDUSTRIAL ROLL WITH TRIGGERING SYSTEM FOR SENSORS FOR OPERATIONAL PARAMETERS
(73) Stowe Woodward Licensco, LLC
(72) CANTRELL, Clifford Bruce
(31) 201361813767 P
(32) 19.04.2013
(33) United States of America

(51) B30B 15/06
B30B 11/08
(11) EP2379318
(21) EP10701894.7
(47) 25.07.2018
(87) GB2010000047
22.07.2010
(22) 13.01.2010
(54) A PUNCH
(73) I Holland Limited
(72) HlGGlNS, Trevor Martin
(31) 0900642
(32) 16.01.2009
(33) United Kingdom

(51) B30B 15/28
B30B 15/14
B30B 15/00
(11) EP3003702
(21) EP14726132.5
(47) 25.07.2018
(87) EP2014060475
04.12.2014
(22) 21.05.2014
(54) METHOD FOR CONTROLLING A PRESS WITH A VARIABLE GEAR RATIO
(73) Schuler Pressen GmbH
(72) REISCH, Dieter
(31) 102013105468
(32) 28.05.2013
(33) Germany

(51) B32B 1/08
F16L 57/06
F16L 58/10
H02G 3/04
B32B 5/02
H01B 3/50
D06N 3/00
B29C 65/18
B29C 65/48
B29C 65/00
(11) EP3049243
(21) EP14766045.0
(47) 25.07.2018
(87) US2014052721
05.03.2015
(22) 26.08.2014
(54) PROTECTIVE TEXTILE SLEEVE WITH HOT MELT FIXATION, END FRAY PREVENTION LAYER AND METHODS OF CONSTRUCTION AND APPLICATION THEREOF
(73) Federal-Mogul Powertrain LLC
(72) YAMAGUCHI, Hiroki
FUKUYAMA, Shozo
(31) 201361869842 P
(32) 26.08.2013
(33) United States of America

(51) B32B 5/02
B32B 5/14
B32B 5/26
B32B 27/12
B32B 27/32
B32B 3/06
B32B 3/08
E04G 5/04
(11) EP3147119
(21) EP15186685.2
(47) 25.07.2018
(22) 24.09.2015
(54) A WOVEN FABRIC PRODUCT
(73) Jung Shin Co., Ltd.
(72) BANG, Song-Hyuk

(51) B32B 5/18
B32B 27/18
B32B 27/20
B32B 27/32
A47B 96/20
B29C 63/00
B29C 65/16
B29C 65/02
B29C 65/14
B29C 65/48
B29C 65/50
B29L 31/44
B29C 47/00
A47B 13/08
B29C 65/00
B29C 47/06
B29L 9/00
B32B 7/12
B32B 15/08
B32B 27/08
(11) EP2366540

(21) EP11156473.8
(47) 25.07.2018
(22) 01.03.2011
(54) Edge strip from thermoplastic synthetic material, in particular for furniture panels
(73) MKT Moderne Kunststoff-Technik Gebrüder Eschbach Gmbh
(72) Streichhardt, Thomas
(31) 102010011438
102010014776
(32) 15.03.2010
13.04.2010
(33) Germany
Germany

(51) B32B 7/12
A61F 13/514
B32B 27/08
B32B 27/32
B32B 27/36
(11) EP3148796
(21) EP15728357.3
(47) 25.07.2018
(87) US2015033452
10.12.2015
(22) 01.06.2015
(54) MULTI-LAYERED THERMOPLASTIC POLYMER FILMS COMPRISING POLYLACTIC ACID
(73) The Procter & Gamble Company
(72) BROYLES, Norman Scott
BROWN, April Renae
GILBERTSON, Gary Wayne
(31) 201462006508 P
(32) 02.06.2014
(33) United States of America

(51) B32B 7/12
B29C 47/00
B29C 47/10
B32B 27/22
B29C 47/92
B29C 55/28
C09J 135/02
C09J 133/14
C09J 133/08
B32B 27/12
B32B 27/32
B32B 5/02
C08J 5/18
(11) EP2867280
(21) EP13731399.5
(47) 25.07.2018
(87) FR2013051326
03.01.2014
(22) 07.06.2013
(54) USE OF AN ALLOY OF THERMOPLASTIC STARCH AND POF FOR THE MANUFACTURE OF ULTRA FINE BREATHABLE AND WATER IMPERMEABLE ADHESIVE FILM
(73) Arkema France
(72) BRULE, Benoît
LE, Guillaume
BABIN, Perrine
CARTIER, Laurent B.
MALET, Frédéric
(31) 1256142
(32) 27.06.2012
(33) France

(51) B32B 17/10
(11) EP2760665
(21) EP12768761.4
(47) 25.07.2018
(87) EP2012068507
04.04.2013
(22) 20.09.2012
(54) FIRE PROTECTION ELEMENT WITH PROTECTIVE COATING, AND METHOD FOR PRODUCING THE SAME
(73) INTERPANE Entwicklungs-und Beratungsgesellschaft mbH
(72) FELDHEGE, Martin
MATHIEU, Eric
HERLITZE, Lothar
LANDGRAF, Ralf
(31) 102011083384
102012200799
(32) 26.09.2011
20.01.2012
(33) Germany
Germany

(51) B32B 17/10
B64C 1/14
B60J 7/043
(11) EP3060396
(21) EP14805975.1
(47) 25.07.2018
(87) FR2014052684
30.04.2015
(22) 22.10.2014
(54) THIN LAMINATED GLASS
(73) Saint-Gobain Glass France
(72) LESTRINGANT, Claire
GY, René
KREMERS, Stephan
(31) 1360325
(32) 23.10.2013
(33) France

(51) B32B 17/10
C03C 27/12
C08K 3/22
C08K 5/3417
C08L 101/00
(11) EP2679557
(21) EP12749166.0
(47) 25.07.2018
(87) JP2012054437
30.08.2012
(22) 23.02.2012
(54) INTERMEDIATE FILM FOR LAMINATED GLASSES, AND LAMINATED GLASS
(73) Sekisui Chemical Co., Ltd.
(72) KITANO, Hirofumi
FUKATANI, Juichi
II, Daizou
OKABAYASHI, Takazumi
TSUNODA, Ryuta
(31) 2011037629
(32) 23.02.2011
(33) Japan

(51) B32B 27/00
C08F 2/00
C08G 18/62
C08F 2/48
C09D 175/04
C08L 75/04
C08G 18/00
(11) EP2282890
(21) EP08816963.6
(47) 25.07.2018
(87) US2008065301
03.12.2009
(22) 30.05.2008
(54) UV CURABLE COATING COMPOSITIONS CONTAINING ALIPHATIC URETHANE ACRYLATE RESINS
(73) Red Spot Paint & Varnish Co., Inc.
(72) WEBER, Eileen

(51) B32B 27/08
B32B 7/06
B32B 27/34
B29C 47/06
(11) EP3233486
(21) EP15821205.0
(47) 25.07.2018
(87) US2015065702
23.06.2016
(22) 15.12.2015
(54) MULTILAYER FILM STRUCTURES COMPRISING DELAMINATION LAYER
(73) E. I. du Pont de Nemours and Company
(72) HAUSMANN, Karlheinz
TROUILHET, Yves M.
SCHIFFMANN, Juergen
(31) 201462094145 P
(32) 19.12.2014
(33) United States of America

(51) B32B 27/08
B32B 27/36
B32B 27/38
B60R 19/03
B60R 19/22
B62D 25/00
(11) EP3077202
(21) EP14805897.7
(47) 25.07.2018
(87) EP2014076099
11.06.2015
(22) 01.12.2014
(54) SUPPORTING, FLAT MOLDED PART MADE OF A MULTI-LAYER, COMPOSITE FIBER MATERIAL, IN PARTICULAR FOR A VEHICLE BODY
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) BÖGLE, Christian
FODOR, Balazs
(31) 102013224927
(32) 04.12.2013
(33) Germany

(51) B32B 27/30
B32B 27/40
(11) EP2991830
(21) EP14718108.5
(47) 25.07.2018
(87) EP2014057858
06.11.2014
(22) 17.04.2014
(54) ELASTOMER PMMA LAYERED COMPOSITES HAVING IMPROVED PROPERTIES
(73) Evonik Röhm GmbH
BASF SE

(72) HÖSS, Werner
SCHMIDT, Arne
MANIS, Antonios
(31) 102013207813
102014204189
(32) 29.04.2013
07.03.2014
(33) Germany
Germany

(51) B32B 27/36
B65D 65/40
A61F 13/00
B32B 15/09
B32B 15/20
B32B 27/08
A61K 9/70
(11) EP2899024
(21) EP13838231.2
(47) 25.07.2018
(87) JP2013075655
27.03.2014
(22) 24.09.2013
(54) PACKAGING MATERIAL AND PACKAGING STRUCTURE MADE BY USING SAME
(73) Toyo Seikan Group Holdings, Ltd.
(72) ISHIZAKI Yoichi
OHTA Yoshihiro
(31) 2012208812
(32) 21.09.2012
(33) Japan

(51) B32B 37/14
B29C 70/48
B29D 99/00
B29L 31/08
B29K 101/10
(11) EP2418072
(21) EP10172792.3
(47) 25.07.2018
(22) 13.08.2010
(54) A method of manufacturing an elongated composite structure
(73) LM WP Patent Holding A/S
(72) Fredskild, Martin
Mortensen, Bjarne Krab
Dahl, Martin

(51) B41F 11/02
B41F 23/04
B41M 1/04
B41M 1/24
B41M 3/14
B41M 7/00
B42D 25/29
B42D 25/378
B42D 25/425
B42D 25/48
(11) EP2886343
(21) EP14004164.1
(47) 25.07.2018
(22) 10.12.2014
(54) Method for producing a valuable document, valuable document so obtained and security element obtainable therefrom and device for carrying out the method
(73) Giesecke+Devrient Currency Technology GmbH
(72) Schiffmann, Peter
Habik, Klaus
Voit, Max
Kisselova, Jana
(31) 102013021180
(32) 17.12.2013
(33) Germany

(51) B41F 13/08
F16C 13/00
F16C 3/02
(11) EP2762314
(21) EP14152580.8
(47) 25.07.2018
(22) 27.01.2014
(54) Rotation cylinder
(73) INOMETA GmbH
(72) Göhner, Christian
(31) 102013101066
(32) 01.02.2013
(33) Germany

(51) B41F 31/00
B41F 31/02
B41F 17/22
(11) EP2701912
(21) EP12777141.8
(47) 25.07.2018
(87) US2012028391
01.11.2012
(22) 09.03.2012
(54) CAN DECORATOR MACHINE, INK STATION ASSEMBLY THEREFOR, AND CAN DECORATING METHOD EMPLOYING SAME
(73) Stolle Machinery Company, LLC
(72) FLEISCHER, Karl
VELLA, Anthony, Joseph
(31) 201113094965
(32) 27.04.2011
(33) United States of America

(51) B41F 31/04
B41F 31/05
B41F 9/06
B41F 9/10
(11) EP3156233
(21) EP16171224.5
(47) 25.07.2018
(22) 16.09.2014
(54) SYSTEM FOR FEEDING AND DOSING PRINTING INK TO THE COLOUR DECK OF A PRINTING MACHINE
(73) Koenig & Bauer AG
(72) SCHARKUS, Volker
SCHWITZKY, Volkmar
(31) 102013225691
(32) 12.12.2013
(33) Germany

(51) B41F 31/34
B41F 13/36
B41F 23/08
(11) EP2844471
(21) EP13782427.2
(47) 25.07.2018
(87) DK2013050118
31.10.2013
(22) 22.04.2013
(54) INKING UNIT WITH ADJUSTMENT OF ROLLERS BY BENDING PLATE AND METHOD FOR ADJUSTMENT
(73) Tresu A/S
(72) KYLLING, Mads
RYYÄNEN, Marko
(31) 201270209
(32) 24.04.2012
(33) Denmark

(51) B41F 33/00
B41F 33/02
B41F 13/56
B41F 19/00
(11) EP2943341
(21) EP14700131.7
(47) 25.07.2018
(87) EP2014000008
17.07.2014
(22) 07.01.2014
(54) METHOD OF CONTROL FOR CONTROLLING A TRANSFORMATION MACHINE, TRANSFORMATION MACHINE AND COMPUTER PROGRAM FOR CARRYING OUT SUCH A METHOD OF CONTROL
(73) Bobst Lyon
(72) GAUVIN, Valérie
RAVOT, Dominique
(31) 1350267
(32) 11.01.2013
(33) France

(51) B41J 2/045
(11) EP3144151
(21) EP16188616.3
(47) 25.07.2018
(22) 13.09.2016
(54) METHOD FOR REMOVING ELECTRIC CROSSTALK
(73) OCE-Technologies B.V.
(72) SIMONS, Johannes M.M.
(31) 15185540
(32) 16.09.2015
(33) European Patent Office (EPO)

(51) B41J 2/14
B41J 2/155
B41J 2/045
B41J 2/165
B41J 2/21
(11) EP2308683
(21) EP10187004.6
(47) 25.07.2018
(22) 08.10.2010
(54) Inkjet recording apparatus and method, and abnormal nozzle detection method
(73) FUJIFILM Corporation
(72) Hirato, Katsuyuki
Nishikawa, Baku
(31) 2009234424
2010192777
(32) 08.10.2009
30.08.2010
(33) Japan
Japan

(51) B41J 2/14
B41J 2/16
(11) EP3063011
(21) EP14792980.6
(47) 25.07.2018
(87) US2014062033
07.05.2015
(22) 23.10.2014

(54) PRINTING PLATE ASSEMBLY AND METHOD FOR AN INK JET PRINT HEAD ASSEMBLY
(73) Illinois Tool Works Inc.
(72) CHEN, Tzer-Yi
WU, Yufeng
(31) 201361896194 P
201414468773
(32) 28.10.2013
26.08.2014
(33) United States of America
United States of America

(51) B41J 2/14
H01L 41/09
H01L 41/047
(11) EP3000603
(21) EP15187153.0
(47) 25.07.2018
(22) 28.09.2015
(54) PIEZOELECTRIC ELEMENT, LIQUID EJECTING HEAD, AND LIQUID EJECTING APPARATUS
(73) Seiko Epson Corporation
(72) YAZAKI, Shiro
WATANABE, Shunsuke
(31) 2014198201
(32) 29.09.2014
(33) Japan

(51) B41J 2/175
B41J 2/045
(11) EP2701916
(21) EP11864161.2
(47) 25.07.2018
(87) US2011034325
01.11.2012
(22) 28.04.2011
(54) COMPENSATING FOR CAPACITANCE CHANGES IN PIEZOELECTRIC PRINTHEAD ELEMENTS
(73) Hewlett-Packard Development Company, L.P.
(72) MARDILOVICH, Peter
LAVIER, Jack

(51) B41J 2/175
B41J 2/14
(11) EP2794276
(21) EP11877973.5
(47) 25.07.2018
(87) US2011066471
27.06.2013
(22) 21.12.2011
(54) FLUID DISPENSER
(73) Hewlett-Packard Development Company, L.P.
(72) CHOY, Si-Lam
CLARK, Garrett
RIVAS, Rio
FRIESEN, Ed
RONK, Kelly

(51) B41J 2/18
B41J 2/14
(11) EP2628599
(21) EP13154770.5
(47) 25.07.2018
(22) 11.02.2013
(54) Liquid ejection apparatus
(73) Fujifilm Corporation
(72) Arimoto, Makoto
(31) 2012029443
(32) 14.02.2012
(33) Japan

(51) B41J 2/325
B41J 29/38
H04N 1/32
H04N 1/40
H04N 1/44
(11) EP2916534
(21) EP13850257.0
(47) 25.07.2018
(87) JP2013073032
08.05.2014
(22) 28.08.2013
(54) PRINTED MATTER IDENTIFYING DEVICE AND PRINTED MATTER IDENTIFYING SYSTEM
(73) Mitsubishi Electric Corporation
(72) FURUKI, Ichiro
(31) 2012239038
(32) 30.10.2012
(33) Japan

(51) B41J 11/04
B41J 11/70
B41J 11/66
B41J 15/00
(11) EP2842758
(21) EP14180766.9
(47) 25.07.2018
(22) 13.08.2014
(54) Modular printer
(73) Fujitsu Component Limited
(72) Takabatake, Yoshinari
Watanabe, Sumio
Mori, Yukihiro
(31) 2013177132
(32) 28.08.2013
(33) Japan

(51) B41J 13/00
(11) EP3165373
(21) EP16195721.2
(47) 25.07.2018
(22) 26.10.2016
(54) A METHOD FOR STOPPING A PRINT SYSTEM
(73) OCE-Technologies B.V.
(72) SCHOENMAKERS, Erik J.W.
LOOIJMANS, Rob J.E.
(31) 15192775
(32) 03.11.2015
(33) European Patent Office (EPO)

(51) B41J 17/32
B41J 17/36
B41J 15/04
(11) EP2977211
(21) EP14770188.2
(47) 25.07.2018
(87) JP2014001462
25.09.2014
(22) 14.03.2014
(54) TAPE CARTRIDGE AND TAPE PRINTING DEVICE
(73) Seiko Epson Corporation
(72) NAKAYAMA, Tetsu
SUGAWARA, Haruki
KUBOTA, Tomoyuki
SATO, Daisuke
INOUE, Saeko
(31) 2013059760
2014029877
(32) 22.03.2013
19.02.2014
(33) Japan
Japan

(51) B41J 25/312
B41J 33/14
B41J 33/54
B41J 33/34
B41J 33/36
B41J 35/36
B41J 2/325
(11) EP2744665
(21) EP12753293.5
(47) 25.07.2018
(87) US2012050849
21.02.2013
(22) 15.08.2012
(54) THERMAL TRANSFER PRINTER
(73) Videojet Technologies Inc.
(72) MCNESTRY, Martin
BUCKBY, Steven
(31) 201161523474 P
(32) 15.08.2011
(33) United States of America

(51) B41J 29/377
B41F 23/04
B41J 2/315
(11) EP2385901
(21) EP10729530.5
(47) 25.07.2018
(87) US2010020409
15.07.2010
(22) 08.01.2010
(54) APPARATUS FOR REDUCING FLASH FOR THERMAL TRANSFER PRINTERS
(73) ZIH Corporation
(72) MAYNARD, Raymond, Eugene
HELMA, Thomas, Richard
HEFFLEY, Keith, R.
(31) 351823
249676 P
(32) 10.01.2009
08.10.2009
(33) United States of America
United States of America

(51) B41J 29/38
B41J 2/07
B41J 2/135
(11) EP2398650
(21) EP09840531.9
(47) 25.07.2018
(87) US2009034806
26.08.2010
(22) 22.02.2009
(54) LOGICAL AND VIRTUAL NOZZLE-FIRE-RESTART LINE FOR FLUID-EJECTION DEVICE
(73) Hewlett-Packard Development Company, L.P.
(72) SHEPHERD, Matthew A.
CLARK, Walter D.
BENJAMIN, Trudy

(51) B41J 33/54
B41J 25/312
B41J 35/36
B41J 2/325

B41J 33/14
B41J 33/34
B41J 33/36
(11) EP2744666
(21) EP12753294.3
(47) 25.07.2018
(87) US2012050854
21.02.2013
(22) 15.08.2012
(54) THERMAL TRANSFER PRINTER
(73) Videojet Technologies Inc.
(72) MCNESTRY, Martin
BUCKBY, Steven
(31) 201161523474 P
(32) 15.08.2011
(33) United States of America

(51) B41M 1/30
B41C 1/18
B41M 1/10
(11) EP2921312
(21) EP15159724.2
(47) 25.07.2018
(22) 18.03.2015
(54) METHOD FOR PRODUCING A MULTILAYERED PRINTED SHEET OF FILM
(73) Konrad Hornschuch AG
(72) Imbery, Ralf
(31) 102014103873
(32) 20.03.2014
(33) Germany

(51) B41M 5/333
B41M 5/337
B41M 5/42
(11) EP3141397
(21) EP15810553.6
(47) 25.07.2018
(87) JP2015065054
23.12.2015
(22) 26.05.2015
(54) THERMOSENSITIVE RECORDING MEDIUM
(73) Nippon Paper Industries Co., Ltd.
(72) OGINO Akihito
HIRAI Kenji
(31) 2014123077
2014123078
(32) 16.06.2014
16.06.2014
(33) Japan
Japan

(51) B41M 5/44
B41M 5/42
B41M 5/382
B41M 7/00
(11) EP2896506
(21) EP13836402.1
(47) 25.07.2018
(87) JP2013005314
20.03.2014
(22) 06.09.2013
(54) THERMAL TRANSFER RECORDING MEDIUM
(73) Toppan Printing Co., Ltd.
(72) FUKUNAGA, Godai
ONO, Yasunori
YAMATO, Takehito
MIYAUCHI, Yasuhiro
HIRAI, Yoko
(31) 2012199639
2012211049
2012212883
2012248141
2012265483
(32) 11.09.2012
25.09.2012
26.09.2012
12.11.2012
04.12.2012
(33) Japan
Japan
Japan
Japan
Japan

(51) B41M 5/50
B41M 5/00
C09D 11/54
(11) EP2580067
(21) EP11796105.2
(47) 25.07.2018
(87) US2011025802
22.12.2011
(22) 23.02.2011
(54) PRE-TREATMENT COMPOSITION
(73) Hewlett-Packard Development Company, L.P.
(72) SARKISIAN, George
EMAMJOMEH, Ali
VISNYAK, Elizabeth Ann
(31) 38562
(32) 14.06.2010
(33) United States of America

(51) B42D 15/00
B42D 25/00
(11) EP2129532
(21) EP08719248.0
(47) 25.07.2018
(87) IB2008000537
18.09.2008
(22) 07.03.2008
(54) SECURE IDENTIFICATION DOCUMENT AND METHOD FOR PRODUCING IT
(73) Gemalto Oy
(72) KASKIALA, Toni
(31) 07005017
(32) 12.03.2007
(33) European Patent Office (EPO)

(51) B60C 9/00
B60C 9/08
B60C 9/02
(11) EP3077221
(21) EP14802465.6
(47) 25.07.2018
(87) EP2014075542
11.06.2015
(22) 25.11.2014
(54) TYRE COMPRISING CARCASS REINFORCEMENT CORDS HAVING LOW PERMEABILITY AND VARIABLE RUBBER MIXTURE THICKNESSES
(73) Compagnie Générale des Etablissements Michelin
(72) BUFFETAUD, Benoît
NOEL, Sébastien
GODEAU, Gilles
(31) 1361984
(32) 03.12.2013
(33) France

(51) B60C 9/00
D02G 3/48
B60C 9/04
(11) EP2810791
(21) EP14170761.2
(47) 25.07.2018
(22) 02.06.2014
(54) Pneumatic tire and hybrid cord for such a pneumatic tire
(73) The Goodyear Tire & Rubber Company
(72) Assaad, Mahmoud Cherif
Westgate, Walter Kevin
Olbrich, Ralph Joachim
Mayer, Daniel
Woods, John
Love, Nathan Whitney
Renken, Andreas
(31) 201313912655
(32) 07.06.2013
(33) United States of America

(51) B60C 9/18
(11) EP3160763
(21) EP15724327.0
(47) 25.07.2018
(87) EP2015061711
30.12.2015
(22) 27.05.2015
(54) TYRE COMPRISING A LAYER OF CIRCUMFERENTIAL REINFORCING ELEMENTS
(73) Compagnie Générale des Etablissements Michelin
(72) REHAB, Hichem
SALGUES, Nathalie
BESSON, Jacques
(31) 1455963
(32) 26.06.2014
(33) France

(51) B60C 9/18
(11) EP3160769
(21) EP15726100.9
(47) 25.07.2018
(87) EP2015061722
30.12.2015
(22) 27.05.2015
(54) TYRE HAVING IMPROVED DYNAMIC PROPERTIES
(73) Compagnie Générale des Etablissements Michelin
(72) REHAB, Hichem
GUPTA, Mukul
SALGUES, Nathalie
BESSON, Jacques
(31) 1455972
(32) 26.06.2014
(33) France

(51) B60C 9/18
(11) EP3160768
(21) EP15726098.5
(47) 25.07.2018
(87) EP2015061700
30.12.2015
(22) 27.05.2015
(54) TYRE COMPRISING A LAYER OF CIRCUMFERENTIAL REINFORCEMENT ELEMENTS

(73) Compagnie Générale des Etablissements Michelin
(72) REHAB, Hichem
PARMENTIER, Jean-François
(31) 1455958
(32) 26.06.2014
(33) France

(51) B60C 11/03
B60C 11/12
B60C 11/04
B60C 11/13
(11) EP3000621
(21) EP15184575.7
(47) 25.07.2018
(22) 10.09.2015
(54) PNEUMATIC TIRE
(73) SUMITOMO RUBBER INDUSTRIES LIMITED
(72) NAGAHARA, Naoya
YAMAOKA, Hiroshi
INOUE, Seiji
(31) 2014194261
(32) 24.09.2014
(33) Japan

(51) B60C 11/03
B60C 11/12
B60C 11/13
(11) EP2610081
(21) EP12197103.0
(47) 25.07.2018
(22) 14.12.2012
(54) Pneumatic tire
(73) Sumitomo Rubber Industries, Ltd.
(72) Hada, Yoshihiro
(31) 2011289679
(32) 28.12.2011
(33) Japan

(51) B60C 11/03
B60C 11/13
B60C 11/12
(11) EP3181377
(21) EP16189925.7
(47) 25.07.2018
(22) 21.09.2016
(54) PNEUMATIC TYRES FOR A VEHICLE
(73) Continental Reifen Deutschland GmbH
(72) Behr, Ulrich
Jacob, Matthias
(31) 102015225940
(32) 18.12.2015
(33) Germany

(51) B60C 11/04
B60C 11/11
B60C 11/03
(11) EP2631089
(21) EP11834073.6
(47) 25.07.2018
(87) JP2011005946
26.04.2012
(22) 24.10.2011
(54) HEAVY-DUTY PNEUMATIC TIRE FOR CONSTRUCTION VEHICLES
(73) Bridgestone Corporation
(72) YODA, Hidetoshi
(31) 2010237740
(32) 22.10.2010
(33) Japan

(51) B60C 23/04
(11) EP3144162
(21) EP15185605.1
(47) 25.07.2018
(22) 17.09.2015
(54) APPARATUS AND METHOD FOR CONTROLLING A PRESSURE ON AT LEAST ONE TYRE OF A VEHICLE
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) Kantor, Kornél
Toth, Janos
Tamas, Toth
Györi, Marton

(51) B60C 23/04
B60C 29/00
B60C 29/02
(11) EP3274192
(21) EP16703262.2
(47) 25.07.2018
(87) EP2016050498
29.09.2016
(22) 13.01.2016
(54) AIR PRESSURE MEASURING DEVICE FOR A VEHICLE TYRE AND METHOD FOR ASSEMBLING THE AIR PRESSURE MEASURING DEVICE
(73) Alligator Ventilfabrik GmbH
(72) PALAORO, Renato
(31) 102015104435
(32) 24.03.2015
(33) Germany

(51) B60C 25/138
B60C 25/05
(11) EP2995478
(21) EP15184081.6
(47) 25.07.2018
(22) 07.09.2015
(54) MACHINE FOR REMOVING AND FITTING WHEEL TYRES FOR VEHICLES
(73) Giuliano Group S.p.A.
(72) Bonacini, Maurizio
(31) MO20140255
(32) 12.09.2014
(33) Italy

(51) B60G 7/00
(11) EP2917051
(21) EP13805446.5
(47) 25.07.2018
(87) FR2013052610
15.05.2014
(22) 31.10.2013
(54) SUSPENSION ARM FOR VEHICLE
(73) PSA Automobiles SA
(72) CADET, Bruno
(31) 1260620
(32) 09.11.2012
(33) France

(51) B60G 11/113
B60G 11/10
B60G 9/00
B60G 11/04
(11) EP2879892
(21) EP13747761.8
(47) 25.07.2018
(87) US2013053246
13.02.2014
(22) 01.08.2013
(54) MOTOR VEHICLE AXLE SUSPENSION WITH LONGITUDINAL LEAF SPRING
(73) Hendrickson USA, L.L.C.
(72) DILWORTH, Damon, Elwood
BLOINK, Michael, Paul
DUDDING, Ashley, Thomas
LUMETTA, Sammy, C.
(31) 201261680125 P
201313839651
(32) 06.08.2012
15.03.2013
(33) United States of America
United States of America

(51) B60G 17/015
B60G 17/056
B60G 17/018
(11) EP2804773
(21) EP13700895.9
(47) 25.07.2018
(87) EP2013050827
25.07.2013
(22) 17.01.2013
(54) HYDRAULIC HEIGHT ADJUSTING SYSTEM FOR A VEHICLE
(73) Sistemi Sospensioni S.p.A.
(72) SEMINARA, Massimo
(31) 12151625
(32) 18.01.2012
(33) European Patent Office (EPO)

(51) B60G 17/016
B60G 17/018
B60G 17/019
(11) EP2214920
(21) EP08841566.6
(47) 25.07.2018
(87) EP2008008997
30.04.2009
(22) 23.10.2008
(54) METHOD AND SYSTEM FOR INFLUENCING THE MOVEMENT OF A MOTOR VEHICLE BODY, THE CHAIN OF MOVEMENTS OF WHICH CAN BE CONTROLLED OR ADJUSTED, AND ASSOCIATED VEHICLE
(73) Volkswagen Aktiengesellschaft
(72) ARENZ, Andrea
(31) 102007051224
(32) 26.10.2007
(33) Germany

(51) B60G 17/044
B62K 25/04
F16F 9/04
(11) EP2097279
(21) EP07821363.4
(47) 25.07.2018
(87) EP2007060996
29.05.2008
(22) 16.10.2007
(54) SELF-PUMPING RIDE LEVEL CONTROL SYSTEM
(73) Continental Teves AG & Co. OHG
(72) KRAUSS, Hans-Peter
(31) 102006055757
(32) 25.11.2006
(33) Germany

(51) B60H 1/00
B60K 11/06
B60L 3/00

H01M 2/12
H01M 10/48
(11) EP2289720
(21) EP09762395.3
(47) 25.07.2018
(87) JP2009060072
17.12.2009
(22) 02.06.2009
(54) ELECTRIC VEHICLE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) MATSUMOTO, Junichi
ISHISHITA, Teruo
(31) 2008154138
(32) 12.06.2008
(33) Japan

(51) B60H 1/00
B60L 15/40
H04Q 9/00
B60L 1/00
B60L 11/14
B60L 11/18
G08C 17/02
(11) EP2711215
(21) EP11865461.5
(47) 25.07.2018
(87) JP2011061437
22.11.2012
(22) 18.05.2011
(54) AIR-CONDITION REMOTE CONTROL SYSTEM FOR VEHICLE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) KAWAI Hirohito
INOUE Naoya
TSUNODA Seiichi
GOTO Takaaki
HIGUCHI Yoichiro

(51) B60J 1/17
B60J 10/79
B60J 10/265
(11) EP3183131
(21) EP16700982.8
(47) 25.07.2018
(87) EP2016050919
11.05.2017
(22) 18.01.2016
(54) WINDOW ASSEMBLY, WINDOW PANE, AND WINDOW SEALING PROFILE
(73) Cooper Standard GmbH
(72) KRAUSE, Fritz
(31) 15192663
(32) 02.11.2015
(33) European Patent Office (EPO)

(51) B60J 7/00
B60J 1/20
(11) EP3109081
(21) EP16151906.1
(47) 25.07.2018
(22) 19.01.2016
(54) ROLLO ASSEMBLY
(73) Inalfa Roof Systems Group B.V.
(72) KELLER, Dave
SEBESTA, Mark
(31) 201520437822 U
(32) 24.06.2015
(33) China

(51) B60J 7/16
B60J 7/14
B60J 7/20
(11) EP3224074
(21) EP15797258.9
(47) 25.07.2018
(87) EP2015002324
02.06.2016
(22) 19.11.2015
(54) MOTOR VEHICLE
(73) Audi AG
(72) ROSSETTI, Mario
(31) 102014017518
(32) 27.11.2014
(33) Germany

(51) B60K 1/04
B60K 13/04
B60K 15/063
B60K 15/04
(11) EP3159199
(21) EP16190525.2
(47) 25.07.2018
(22) 26.09.2016
(54) VEHICLE UNDERFLOOR STRUCTURE
(73) Toyota Jidosha Kabushiki Kaisha
(72) AJISAKA, Satoshi
(31) 2015206558
(32) 20.10.2015
(33) Japan

(51) B60K 15/05
(11) EP3065964
(21) EP14793559.7
(47) 25.07.2018
(87) EP2014073761
14.05.2015
(22) 05.11.2014
(54) FLAP MODULE
(73) Volkswagen Aktiengesellschaft
(72) WINKLER, Bernd
(31) 102013222686
(32) 07.11.2013
(33) Germany

(51) B60K 15/05
(11) EP3187357
(21) EP16206485.1
(47) 25.07.2018
(22) 22.12.2016
(54) MOUTHPIECE ASSEMBLY OF A FUEL TANK FOR VEHICLES WITH TIGHT CLOSING DEVICE
(73) CEBI ITALY S.p.A.
(72) PERSIANI, Luigi
SCOCCO, Marco
(31) UB20159487
(32) 29.12.2015
(33) Italy

(51) B60K 15/077
F02M 37/00
(11) EP2837519
(21) EP13775177.2
(47) 25.07.2018
(87) JP2013058063
17.10.2013
(22) 21.03.2013
(54) VEHICLE FUEL TANK
(73) Mitsubishi Jidosha Kogyo Kabushiki Kaisha
Mitsubishi Jidosha Engineering Kabushiki Kaisha
(72) IWAYA, Norifumi
KAGEYAMA, Hiroaki
SANO, Takayuki
KUNII, Kenichi
(31) 2012089200
(32) 10.04.2012
(33) Japan

(51) B60K 17/35
B60L 7/10
(11) EP3056372
(21) EP13895419.3
(47) 25.07.2018
(87) JP2013077559
16.04.2015
(22) 10.10.2013
(54) CONTROL DEVICE FOR FOUR-WHEEL DRIVE ELECTRIC VEHICLE
(73) Nissan Motor Co., Ltd
(72) SUGITANI, Osamu
TANAKA, Koutarou
NAKAMURA, Keishirou
MYOCHIN, Toshiyuki

(51) B60K 23/08
B60K 17/344
B60K 17/348
B60K 17/35
B60K 17/34
B60K 17/02
(11) EP3112204
(21) EP15755987.3
(47) 25.07.2018
(87) JP2015055246
03.09.2015
(22) 24.02.2015
(54) CLUTCH CONTROL DEVICE FOR 4-WHEEL DRIVE VEHICLE
(73) Nissan Motor Co., Ltd
(72) OGAWA, Katsuyoshi
MORI, Atsuhiro
MITSUISHI, Shunichi
MORITA, Makoto
TAKAISHI, Tetsu
(31) 2014038479
(32) 28.02.2014
(33) Japan

(51) B60K 37/06
(11) EP3034349
(21) EP14382537.0
(47) 25.07.2018
(22) 18.12.2014
(54) Procedure and system for managing information between devices in an automative vehicle
(73) Seat, S.A.
(72) Baños Serradilla, Victor
Bayona Margarit, Teresa
Galarza Osio, Miguel Ángel

(51) B60L 1/00
H02J 7/00
H02J 7/34
B60L 3/00
B60L 11/12
B60L 11/14
B60L 11/18
H02J 1/10
(11) EP2481624
(21) EP09849789.4
(47) 25.07.2018
(87) JP2009066598
31.03.2011
(22) 25.09.2009

(54) VEHICLE CHARGING SYSTEM AND ELECTRICALLY POWERED VEHICLE PROVIDED WITH THE SAME
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) ITAGAKI, Kenji
ANG, Wanleng
SUGIYAMA, Yoshinobu
KATAOKA, Yoshikazu
MATSUMOTO, Naomi
(51) B60L 1/02
F01M 5/02
F01M 5/00
H02J 7/14
B60L 7/10
(11) EP2228250
(21) EP09178901.6
(47) 25.07.2018
(22) 11.12.2009
(54) Energy managemet of a vehicle
(73) Ford Global Technologies, LLC
(72) Bartsch, Leonhard
Mehring, Jan
Hecke, Ralf
Quix, Hans Günter
(31) 102009000981
(32) 18.02.2009
(33) Germany

(51) B60L 1/08
G02F 1/15
G02F 1/163
B60R 1/08
(11) EP2948334
(21) EP14743002.9
(47) 25.07.2018
(87) US2014012936
31.07.2014
(22) 24.01.2014
(54) DRIVE CIRCUIT FOR AN ELECTRO-OPTIC REARVIEW MIRROR SYSTEM
(73) Gentex Corporation
(72) TURNBULL, Robert R.
POE, G. Bruce
(31) 201361756544 P
201361763232 P
(32) 25.01.2013
11.02.2013
(33) United States of America
United States of America

(51) B60L 9/30
B60L 9/22
(11) EP2608980
(21) EP11714533.4
(47) 25.07.2018
(87) EP2011055671
01.03.2012
(22) 12.04.2011
(54) MULTI-SYSTEM TRACTION POWER CONVERTER
(73) Siemens Aktiengesellschaft
(72) WEIGEL, Jan
(31) 102010039697
(32) 24.08.2010
(33) Germany

(51) B60L 11/18
B25J 11/00
(11) EP3152080
(21) EP15728792.1
(47) 25.07.2018
(87) EP2015062198
10.12.2015
(22) 02.06.2015
(54) CHARGING BASE FOR A BATTERY AND METHOD FOR USING SUCH A BASE
(73) Softbank Robotics Europe
(72) CLERC, Vincent
GARCIA, Nicolas
SOUCHET, Lucas
CHEVRY, Vincent
(31) 1455102
(32) 05.06.2014
(33) France

(51) B60L 11/18
H02J 7/00
H02M 3/10
H02M 1/00
B60R 16/02
H02J 5/00
H02J 50/10
H02J 7/02
(11) EP2922725
(21) EP13795239.6
(47) 25.07.2018
(87) EP2013074531
30.05.2014
(22) 25.11.2013
(54) CIRCUIT ARRANGEMENT FOR PROVIDING A DC VOLTAGE IN A VEHICLE AND METHOD OF OPERATING A CIRCUIT ARRANGEMENT
(73) Bombardier Primove GmbH
(72) CZAINSKI, Robert
(31) 201221231
(32) 26.11.2012
(33) United Kingdom

(51) B60L 15/20
B62J 99/00
B62K 25/28
B62M 7/04
B60W 10/00
B60W 30/19
B62K 11/04
(11) EP2772383
(21) EP11874712.0
(47) 25.07.2018
(87) JP2011005945
02.05.2013
(22) 24.10.2011
(54) ELECTRIC VEHICLE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) MATSUDA, Yoshimoto
MATSUSHIMA, Hirohide

(51) B60M 1/28
(11) EP2942230
(21) EP15001352.2
(47) 25.07.2018
(22) 06.05.2015
(54) METHOD FOR MEASURING THE UPLIFT OF ELECTRICAL CONTACT LINES ON RAIL LINES
(73) Deutsche Bahn AG
(72) Schüßler, Stefan
(31) 102014208734
(32) 09.05.2014
(33) Germany

(51) B60N 2/015
B60N 2/07
(11) EP3150426
(21) EP16190646.6
(47) 25.07.2018
(22) 26.09.2016
(54) RAIL FOR A SEAT OF A MOTOR VEHICLE, AND SEAT RAIL SYSTEM FOR A MOTOR VEHICLE
(73) Tillmann Profil GmbH
(72) Böhm, Ekkehard
Spiekermann, Markus
Haberkorn, Eduard
Fischer, Alexander
Heße, Markus
Dr. Klein, Nicole
(31) 102015116791
102016113409
(32) 02.10.2015
20.07.2016
(33) Germany
Germany

(51) B60N 2/20
B60N 2/225
B60N 2/22
B60N 2/02
(11) EP3060425
(21) EP14787148.7
(47) 25.07.2018
(87) EP2014072340
30.04.2015
(22) 17.10.2014
(54) ELECTRICALLY OPERATED BACKREST ADJUSTER AND VEHICLE SEAT WITH SUCH A BACKREST ADJUSTER
(73) Adient Luxembourg Holding S.à r.l.
(72) MARKEL, Christian
CHRISTOFFEL, Thomas
SCHMIDT, Michael
HEEG, Norbert
(31) 102013221568
102014208076
(32) 23.10.2013
29.04.2014
(33) Germany
Germany

(51) B60N 2/50
B60N 2/16
(11) EP2743125
(21) EP13196308.4
(47) 25.07.2018
(22) 09.12.2013
(54) Vehicle seat
(73) GRAMMER AG
(72) Lorey, Alexander
(31) 102012112138
(32) 12.12.2012
(33) Germany

(51) B60N 2/64
A47C 7/46
B60N 2/22
(11) EP2752333
(21) EP12828680.4
(47) 25.07.2018
(87) JP2012071766
07.03.2013
(22) 29.08.2012
(54) SEAT APPARATUS

(73) TS Tech Co., Ltd.
(72) SUGIYAMA, Shinji
(31) 2011188478
2011188482
(32) 31.08.2011
31.08.2011
(33) Japan
Japan

(51) B60N 3/00
B64D 11/06
(11) EP2746157
(21) EP13190603.4
(47) 25.07.2018
(22) 29.10.2013
(54) Aircraft seat support device
(73) Recaro Aircraft Seating GmbH & Co. KG
(72) Schürg, Christoph
Schreyer, Tim
(31) 102012112943
(32) 21.12.2012
(33) Germany

(51) B60Q 1/14
(11) EP2895351
(21) EP13750039.3
(47) 25.07.2018
(87) EP2013066966
20.03.2014
(22) 14.08.2013
(54) METHOD FOR OPERATING A FRONTAL HEADLIGHT DEVICE OF A VEHICLE, DRIVER ASSISTANCE DEVICE AND VEHICLE
(73) Valeo Schalter und Sensoren GmbH
(72) HUE, David
(31) 102012018117
(32) 13.09.2012
(33) Germany

(51) B60Q 1/14
B60Q 1/06
(11) EP2463150
(21) EP12001598.7
(47) 25.07.2018
(22) 09.12.2002
(54) Headlamp control to prevent glare
(73) Gentex Corporation
(72) Stam, Joseph S.
(31) 339762 P
235476
(32) 10.12.2001
05.09.2002
(33) United States of America
United States of America

(51) B60R 1/00
(11) EP3138736
(21) EP16001927.9
(47) 25.07.2018
(22) 02.09.2016
(54) MIRROR REPLACEMENT SYSTEM AS CAMERA DISPLAY SYSTEM OF A MOTOR VEHICLE, IN PARTICULAR A COMMERCIAL VEHICLE
(73) MAN Truck & Bus AG
(72) Zimmermann, Andreas
Bundschuh, Linus
Zaindl, Albert
Ruch, Florian
(31) 102015011536
(32) 02.09.2015
(33) Germany

(51) B60R 11/00
B64D 11/06
A47C 7/62
B60N 2/22
G09F 9/30
G09F 23/00
B61D 33/00
B60R 11/02
B64D 11/00
(11) EP2147614
(21) EP08720427.7
(47) 25.07.2018
(87) JP2008000541
20.11.2008
(22) 12.03.2008
(54) IMAGE DISPLAY
(73) Panasonic Corporation
(72) KUNOU, Tadashi c/o Panasonic Corporation IPROC
(31) 2007127595
(32) 14.05.2007
(33) Japan

(51) B60R 11/04
(11) EP2906446
(21) EP13773811.8
(47) 25.07.2018
(87) EP2013071082
17.04.2014
(22) 09.10.2013
(54) DEVICE FOR RECEIVING A CAMERA WITH LINEAR GUIDE
(73) Huf Hülsbeck & Fürst GmbH & Co. KG
(72) SCHÜTZ, Heiko
(31) 102012109609
(32) 10.10.2012
(33) Germany

(51) B60R 11/04
H04N 5/225
B60R 1/00
(11) EP2774815
(21) EP14157460.8
(47) 25.07.2018
(22) 03.03.2014
(54) Vehicle equipped with a viewing system
(73) MEKRA Lang GmbH & Co. KG
(72) Lang, Werner Dr.
Zink, Matthias
(31) 102013203642
(32) 04.03.2013
(33) Germany

(51) B60R 16/00
B60T 17/00
(11) EP3216656
(21) EP16159214.2
(47) 25.07.2018
(22) 08.03.2016
(54) RAIL VEHICLE
(73) Siemens Aktiengesellschaft
(72) Fuchs, Andreas

(51) B60R 16/037
H04L 12/28
H04W 4/00
H04L 29/08
(11) EP3310623
(21) EP16763447.6
(47) 25.07.2018
(87) EP2016001528
06.04.2017
(22) 10.09.2016
(54) CONNECTING OPERATING STATES OF A MOTOR VEHICLE AND A VEHICLE-EXTERNAL DEVICE
(73) Audi AG
(72) HIRSCH, Manuel
(31) 102015012723
(32) 01.10.2015
(33) Germany

(51) B60R 21/0134
B60R 21/0132
B60R 21/0136
(11) EP2279099
(21) EP09745626.3
(47) 25.07.2018
(87) EP2009053675
19.11.2009
(22) 27.03.2009
(54) METHOD AND CONTROLLER FOR ACTUATING PERSONAL PROTECTION MEANS FOR A VEHICLE
(73) Robert Bosch GmbH
(72) KUTTENBERGER, Alfred
THEISEN, Marc
(31) 102008001781
(32) 15.05.2008
(33) Germany

(51) B60R 21/0136
B60R 19/18
(11) EP2982547
(21) EP15179464.1
(47) 25.07.2018
(22) 03.08.2015
(54) VEHICLE BUMPER STRUCTURE INCLUDING A PRESSURE TUBE-TYPE PEDESTRIAN COLLISION DETECTION SENSOR
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) Narita, Sotaro
(31) 2014162445
(32) 08.08.2014
(33) Japan

(51) B60R 21/0136
G01P 15/08
(11) EP3168088
(21) EP16181137.7
(47) 25.07.2018
(22) 26.07.2016
(54) MOTOR VEHICLE
(73) AUDI AG
(72) Geiss, Markus
(31) 102015014649
(32) 12.11.2015
(33) Germany

(51) B60R 21/264
(11) EP2627541
(21) EP11813864.3
(47) 25.07.2018
(87) DE2011001820
18.05.2012
(22) 27.09.2011
(54) GAS GENERATOR AND AIRBAG MODULE
(73) TRW Airbag Systems GmbH
(72) BIERWIRTH, Sebastian
HOFMANN, Achim

NEUMAYER, Hans-Peter
SPITZENBERGER, Dieter
NUIDING, Hannes
SCHOBER, Thomas
BOMMER, Josef
BREDDERMANN, Tobias
SCHWEBEL, Dietmar
(31) 202010014286 U
(32) 15.10.2010
(33) Germany

(51) B60R 21/264
(11) EP2915705
(21) EP13852271.9
(47) 25.07.2018
(87) JP2013077934
08.05.2014
(22) 15.10.2013
(54) GAS GENERATOR FOR OCCUPANT RESTRAINING DEVICE
(73) Daicel Corporation
(72) UKITA, Shinichiro
(31) 2012242467
(32) 02.11.2012
(33) Japan

(51) B60R 22/20
(11) EP3284640
(21) EP17159356.9
(47) 25.07.2018
(22) 06.03.2017
(54) WEBBING ADJUSTMENT DEVICE FOR A SEAT BELT SYSTEM
(73) Wang, Liang-Hsiung
(72) WANG, Liang-Hsiung
CHU, Chia-Chun
(31) 105126142
(32) 16.08.2016
(33) Taiwan, Province of China

(51) B60R 25/20
(11) EP3119646
(21) EP15704768.9
(47) 25.07.2018
(87) EP2015052598
24.09.2015
(22) 09.02.2015
(54) METHOD AND DEVICE FOR ACTUATING A CLOSING ELEMENT FOR A VEHICLE
(73) Volkswagen Aktiengesellschaft
(72) ETTE, Bernd
(31) 102014204911
(32) 17.03.2014
(33) Germany

(51) B60R 25/24
B62H 5/00
(11) EP3115284
(21) EP16176455.0
(47) 25.07.2018
(22) 27.06.2016
(54) STRADDLED-VEHICLE AUTHENTICATION SYSTEM AND STRADDLED VEHICLE
(73) Yamaha Hatsudoki Kabushiki Kaisha
Asahi Denso Co., Ltd.
(72) Maekawa, Koji
Morikuni, Daichi
Ota, Mitsuhiro
Ikeda, Takeshi
(31) 2015137591
(32) 09.07.2015
(33) Japan

(51) B60S 9/215
B60K 17/30
(11) EP2822820
(21) EP13757559.3
(47) 25.07.2018
(87) US2013029428
12.09.2013
(22) 06.03.2013
(54) COUPLER FOR SMART ELECTRICAL WHEEL FOR ELECTRICAL BIKES
(73) Belon Engineering Inc.
(72) LU, Kuan-Ying
CHEN, Hsin-Chih
BELON, Juan Bautista
(31) 201213415829
(32) 08.03.2012
(33) United States of America

(51) B60T 8/17
B60T 13/68
(11) EP2500221
(21) EP09851074.6
(47) 25.07.2018
(87) JP2009005963
12.05.2011
(22) 09.11.2009
(54) BRAKE CONTROLLER
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) WATANABE, Yoshinori

(51) B60T 8/88
B62D 11/08
(11) EP2998175
(21) EP14185481.0
(47) 25.07.2018
(22) 19.09.2014
(54) Supplemental steering control system
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) Nemeth, Huba
Hecker, Falk
Balogh, Levente
Frank, Peter
Palkovics, Laszlo

(51) B60T 13/12
B60T 11/18
B60T 11/20
(11) EP2918461
(21) EP12887911.1
(47) 25.07.2018
(87) JP2012078832
15.05.2014
(22) 07.11.2012
(54) MASTER CYLINDER AND MASTER CYLINDER DEVICE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) ISONO, Hiroshi

(51) B60T 13/14
B60T 13/22
B60T 15/04
F16D 65/14
(11) EP2170669
(21) EP08775368.7
(47) 25.07.2018
(87) EP2008059910
05.02.2009
(22) 29.07.2008
(54) HYDRAULIC DEVICE FOR ACTUATING THE BRAKING OF WORK VEHICLES AND THE LIKE
(73) Safim S.p.A.
(72) MAMEI, Andrea
MAMEI, Eronne
(31) MO20070254
(32) 30.07.2007
(33) Italy

(51) B60W 20/14
B60W 20/16
B60W 10/06
B60W 10/08
B60K 6/445
(11) EP2676855
(21) EP11858680.9
(47) 25.07.2018
(87) JP2011053224
23.08.2012
(22) 16.02.2011
(54) VEHICLE AND METHOD FOR CONTROLLING VEHICLE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) HASHIMOTO, Keita

(51) B60W 30/08
B60W 30/09
B62D 15/02
(11) EP2883769
(21) EP14190052.2
(47) 25.07.2018
(22) 23.10.2014
(54) Method and device for the lateral guidance of a motor vehicle, in particular for assisting evasive action
(73) ROBERT BOSCH GMBH
(72) Buerkle, Lutz
Gussner, Thomas
Michalke, Thomas
Glaeser, Claudius
Maurer, Thomas
(31) 102013225778
(32) 12.12.2013
(33) Germany

(51) B60W 30/12
G08G 1/16
B60W 50/14
B62D 15/02
(11) EP2847051
(21) EP12876245.7
(47) 25.07.2018
(87) SE2012050485
14.11.2013
(22) 08.05.2012
(54) A LANE-MARKING CROSSING WARNING SYSTEM
(73) Veoneer Sweden AB
(72) NILSSON, Benny

(51) B60W 30/14
B60W 50/06
G05B 11/42
B60W 10/06
B60W 10/10
(11) EP2847053
(21) EP13773132.9
(47) 25.07.2018
(87) SE2013050350
10.10.2013
(22) 28.03.2013

(54) METHOD AND SYSTEM FOR CONTROL OF AT LEAST A SPEED REGULATOR
(73) Scania CV AB
(72) JOHANSSON, Oskar
ÖGREN, Mikael
EVALDSSON, Martin
(31) 1250349
(32) 05.04.2012
(33) Sweden

(51) B60W 30/18
B60W 10/02
B60W 10/115
B60W 10/06
(11) EP2457793
(21) EP11009034.7
(47) 25.07.2018
(22) 14.11.2011
(54) Coast stop vehicle and control method for coast stop vehicle
(73) JATCO Ltd
(72) Watanabe, Shinichiro
Tatewaki, Keichi
Yamada, Naohiro
Aoyama, Noritaka
(31) 2010262435
(32) 25.11.2010
(33) Japan

(51) B60W 30/18
B60W 50/00
(11) EP3148856
(21) EP15717139.8
(47) 25.07.2018
(87) EP2015057895
03.12.2015
(22) 10.04.2015
(54) METHOD FOR SETTING A SLIP THRESHOLD AND VEHICLE MOVEMENT DYNAMICS CONTROL DEVICE
(73) Continental Teves AG & Co. OHG
(72) KERBER, Henning
KASTEN, Manuel
ROSZYK, Mario
BURKHARD, Dieter
(31) 102014210062
(32) 27.05.2014
(33) Germany

(51) B60W 50/02
(11) EP2573539
(21) EP12005693.2
(47) 25.07.2018
(22) 04.08.2012
(54) Electronic control device, vehicle with such a control device and method for operating an electronic control device
(73) Audi AG
(72) Theel, Thomas
(31) 102011113113
(32) 10.09.2011
(33) Germany

(51) B60W 50/08
G01C 21/26
B60W 40/02
B60W 30/00
(11) EP2625083
(21) EP11831362.6
(47) 25.07.2018
(87) US2011054154
12.04.2012
(22) 30.09.2011
(54) ZONE DRIVING
(73) WAYMO LLC
(72) MONTEMERLO, Michael, Steven
DOLGOV, Dmitri, A.
URMSON, Christopher, Paul
(31) 201113150589
391271 P
390094 P
(32) 01.06.2011
08.10.2010
05.10.2010
(33) United States of America
United States of America
United States of America

(51) B60W 50/14
B60W 40/09
F16H 63/42
B60K 35/00
B60R 16/023
F16H 59/00
F16H 61/02
(11) EP2497672
(21) EP12305286.2
(47) 25.07.2018
(22) 09.03.2012
(54) Assistance method for fuel-saving driving of an automobile
(73) Renault S.A.S.
(72) Daumard, Alain
(31) 1100722
(32) 10.03.2011
(33) France

(51) B61D 3/18
B61D 47/00
B61J 1/10
B65G 63/00
B66C 1/28
B66F 7/24
(11) EP2902299
(21) EP15152763.7
(47) 25.07.2018
(22) 27.01.2015
(54) Loading device for a HGV semi trailer
(73) Bayernhafen GmbH & Co. KG
(72) Uhly, Markus
(31) 102014001070
(32) 30.01.2014
(33) Germany

(51) B61G 5/10
(11) EP3168109
(21) EP16192552.4
(47) 25.07.2018
(22) 06.10.2016
(54) ELECTRICAL CONTACT COUPLING
(73) Voith Patent GmbH
(72) Prill, Thomas
(31) 102015222527
(32) 16.11.2015
(33) Germany

(51) B61L 11/08
(11) EP2607199
(21) EP11290605.2
(47) 25.07.2018
(22) 23.12.2011
(54) Decentralized interlocking
(73) Siemens S.A.S.
Siemens Aktiengesellschaft
(72) Bohe, Armand Pierre
El Fassi, Said
Faubel, Peter
Paul, Uwe
Windolf, Wolfgang

(51) B61L 17/00
B61L 1/18
B61L 23/24
B61L 17/02
(11) EP2691282
(21) EP12721239.7
(47) 25.07.2018
(87) EP2012058365
15.11.2012
(22) 07.05.2012
(54) METHOD FOR OPERATING A MARSHALING YARD AND CONTROL DEVICE FOR A MARSHALING YARD
(73) Siemens Aktiengesellschaft
(72) JUNG, Ingo
(31) 102011075642
(32) 11.05.2011
(33) Germany

(51) B62B 3/00
B62B 5/04
B60B 19/12
(11) EP2547569
(21) EP11708210.7
(47) 25.07.2018
(87) EP2011001239
22.09.2011
(22) 11.03.2011
(54) USE OF A MOBILE DEVICE, MEDICAL UNIT AND BRAKING DEVICE
(73) Fresenius Medical Care Deutschland GmbH
(72) FAULHABER, Thomas
KAISER, Martin
LANGKAU, Wolfram
ÖRTER, Gökhan
OESTERREICH, Stefan
RÜCKERT, Jochen
SCHILLING, Jürgen
(31) 102010011465
102010051202
(32) 15.03.2010
12.11.2010
(33) Germany
Germany

(51) B62B 3/02
(11) EP2951076
(21) EP13873606.1
(47) 25.07.2018
(87) US2013074688
07.08.2014
(22) 12.12.2013
(54) SELF-CONTAINED DOLLY ASSEMBLY
(73) Buttazzoni, Luca
(72) BERNAL, Andres
(31) 201313755494
(32) 31.01.2013
(33) United States of America

(51) B62B 3/02
(11) EP3095668
(21) EP16169383.3
(47) 25.07.2018
(22) 12.05.2016

(54) COUPLING DEVICE FOR CLEANING TROLLEYS
(73) TTS Cleaning S.r.l.
(72) Zorzo, Renato
(31) UB20150642
(32) 19.05.2015
(33) Italy

(51) B62B 5/00
B62B 3/06
(11) EP3138756
(21) EP16186112.5
(47) 25.07.2018
(22) 29.08.2016
(54) INDUSTRIAL TRUCK
(73) Jungheinrich Aktiengesellschaft
(72) Hohmann, Michael
Muench, Daniel
(31) 102015114564
(32) 01.09.2015
(33) Germany

(51) B62B 9/10
(11) EP3119659
(21) EP15710487.8
(47) 25.07.2018
(87) EP2015055517
24.09.2015
(22) 17.03.2015
(54) COLLAPSIBLE PUSHCHAIR FRAME OR DOLL'S PRAM FRAME
(73) Curt Würstl Vermögensverwaltungs-GmbH & Co. KG
(72) WUERSTL, Jan-Stefan
(31) 202014101198 U
(32) 17.03.2014
(33) Germany

(51) B62D 1/08
B62D 1/04
B62D 1/06
G05G 1/10
H01H 9/00
B60R 21/16
B21D 53/26
(11) EP2834130
(21) EP13771898.7
(47) 25.07.2018
(87) US2013033461
10.10.2013
(22) 22.03.2013
(54) STEERING WHEEL WITH SWITCH ASSEMBLY
(73) Autoliv ASP, Inc.
(72) BOSTICK, Bill
MATSU, Richard Lawrence
KAHN, Eugene L.
HAMMAN, Gregory Ethan
(31) 201213441084
(32) 06.04.2012
(33) United States of America

(51) B62D 3/12
B62D 7/15
F16H 19/04
B62D 5/04
B62D 7/09
B60L 1/00
B60L 15/20
(11) EP3072781
(21) EP14864312.5
(47) 25.07.2018
(87) JP2014080482
28.05.2015
(22) 18.11.2014
(54) VEHICLE
(73) NTN Corporation
(72) OHBA, Hirokazu
YAMAGUCHI, Yuya
(31) 2013239429
(32) 20.11.2013
(33) Japan

(51) B62D 3/12
F16H 55/28
(11) EP3141456
(21) EP16184596.1
(47) 25.07.2018
(22) 17.08.2016
(54) STEERING SYSTEM
(73) JTEKT CORPORATION
(72) KAWAKUBO, Akitake
(31) 2015163914
(32) 21.08.2015
(33) Japan

(51) B62D 5/00
B62D 5/04
B62D 6/00
(11) EP3162658
(21) EP16195566.1
(47) 25.07.2018
(22) 25.10.2016
(54) STEERING CONTROL APPARATUS
(73) JTEKT CORPORATION
(72) KODERA, Takashi
YAMANO, Naoki
ITAMOTO, Hidenori
YAMASHITA, Yoshihiro
ANRAKU, Koji
(31) 2015210975
(32) 27.10.2015
(33) Japan

(51) B62D 5/00
B62D 6/00
(11) EP3141458
(21) EP16187783.2
(47) 25.07.2018
(22) 08.09.2016
(54) VEHICLE STEERING SYSTEM
(73) JTEKT CORPORATION
(72) OYA, Toshiaki
(31) 2015179485
(32) 11.09.2015
(33) Japan

(51) B62D 6/00
G01L 5/22
(11) EP3166839
(21) EP15733851.8
(47) 25.07.2018
(87) FR2015051630
14.01.2016
(22) 19.06.2015
(54) METHOD FOR ESTIMATING IN REAL TIME THE FORCE ON THE LINKS WITHIN A POWER-STEERING MECHANISM
(73) JTEKT Europe
(72) BOURDREZ, Sébastien
MOULAIRE, Pascal
RAVIER, Christophe
(31) 1456607
(32) 09.07.2014
(33) France

(51) B62D 21/00
B62D 21/02
B62D 25/00
F16B 7/18
F16B 37/06
B62D 27/06
F16B 37/04
(11) EP3003837
(21) EP14725368.6
(47) 25.07.2018
(87) EP2014001346
27.11.2014
(22) 20.05.2014
(54) MULTI-CHAMBER PROFILE HAVING AN INSERT PART FOR FIXING AN ATTACHED PART
(73) Audi AG
(72) CARLE, Klaus-Dieter
SCHÄFER, Karlheinz
(31) 102013008913
(32) 24.05.2013
(33) Germany

(51) B62D 21/11
B60G 7/00
F16C 7/02
(11) EP2964475
(21) EP14705044.7
(47) 25.07.2018
(87) EP2014000420
12.09.2014
(22) 15.02.2014
(54) SUSPENSION LINK FOR A MOTOR VEHICLE
(73) Audi AG
(72) SCHINDLER, Sebastian
FESSEL, Guido
(31) 102013004010
(32) 08.03.2013
(33) Germany

(51) B62D 21/11
B62D 21/15
B60R 21/00
(11) EP3297892
(21) EP16728126.0
(47) 25.07.2018
(87) SE2016050444
24.11.2016
(22) 17.05.2016
(54) SUB-FRAME METHOD AND ARRANGEMENT FOR RELEASING A FRONT SECTION OF THE SUB-FRAME
(73) Ningbo Geely Automobile Research & Development Co., Ltd.
(72) STODDART, Tom
ADAMSSON, Dan
(31) 1550634
(32) 19.05.2015
(33) Sweden

(51) B62D 21/15
B60J 5/04
B60R 19/42
(11) EP3094543
(21) EP14812513.1
(47) 25.07.2018
(87) EP2014077895
25.06.2015

(22) 16.12.2014
(54) VEHICLE AND CHASSIS THEREFOR
(73) Gordon Murray Design Limited
(72) MURRAY, Ian Gordon
(31) 201322297
(32) 17.12.2013
(33) United Kingdom

(51) B62D 25/20
(11) EP3141462
(21) EP16183610.1
(47) 25.07.2018
(22) 10.08.2016
(54) VEHICLE STRUCTURE COMPRISING A FLOOR REINFORCEMENT WITH A HEEL AND VEHICLE COMPRISING SUCH A STRUCTURE
(73) PSA Automobiles SA
(72) JAUMONT, Patrick
PORET, Jean Yves
(31) 1558464
(32) 11.09.2015
(33) France

(51) B62D 33/06
B62D 25/08
(11) EP2915725
(21) EP13852110.9
(47) 25.07.2018
(87) JP2013006256
08.05.2014
(22) 23.10.2013
(54) CAB REINFORCING STRUCTURE
(73) Hino Motors, Ltd.
(72) ISHIBAI, Nobuyoshi
(31) 2012242952
(32) 02.11.2012
(33) Japan

(51) B62D 35/00
(11) EP2836383
(21) EP13775705.0
(47) 25.07.2018
(87) US2013036599
17.10.2013
(22) 15.04.2013
(54) ROOF SPOILER MOUNTING SYSTEM
(73) Tiercon Corp.
Weber, Michael Glenn
(72) WEBER, Michael Glenn
NEWBERRY, Bradley, Charles
CAMPBELL, Christopher, Wade
HAMALAINEN, Jani, Petri
STEED, Glenn, David
(31) 201261623963 P
(32) 13.04.2012
(33) United States of America

(51) B62D 53/06
(11) EP3106374
(21) EP15178194.5
(47) 25.07.2018
(22) 24.07.2015
(54) FORESTRY TRAILER WITH A MECHANISM FOR MOVING WHEEL AXLES
(73) Pisek - Vitli Krpan, d.o.o.
(72) Pisek, Franc
(31) 201500153
(32) 19.06.2015
(33) Slovenia

(51) B62D 55/06
B62D 55/14
B62D 55/30
B62D 55/12
(11) EP2921378
(21) EP15150462.8
(47) 25.07.2018
(22) 08.01.2015
(54) Piste preparation vehicle
(73) CLAAS Industrietechnik GmbH
(72) Obermeier-Hartmann, Robert
Rackow, Sascha
(31) 102014003964
(32) 20.03.2014
(33) Germany

(51) B62D 55/253
B62D 55/24
(11) EP2857294
(21) EP13793868.4
(47) 25.07.2018
(87) JP2013063681
28.11.2013
(22) 16.05.2013
(54) RUBBER CRAWLER
(73) Bridgestone Corporation
(72) MIZUSAWA, Takashi
(31) 2012119777
(32) 25.05.2012
(33) Japan

(51) B62D 55/28
B62D 55/275
B21D 28/32
(11) EP3162674
(21) EP16195340.1
(47) 25.07.2018
(22) 24.10.2016
(54) CRAWLER TRACK SHOE CORE METAL, RESILIENT CRAWLER TRACK SHOE, AND CRAWLER TRACK SHOE CORE METAL MANUFACTURING METHOD
(73) Bridgestone Corporation
(72) KOBORI, Tatsuya
(31) 2015210252
(32) 26.10.2015
(33) Japan

(51) B62D 59/04
(11) EP3081463
(21) EP16164089.1
(47) 25.07.2018
(22) 06.04.2016
(54) DRIVE ROLLER FOR A RANGING DRIVE AND METHOD FOR THE PREPARATION OF THE DRIVE ROLLER
(73) Truma Gerätetechnik GmbH & Co. KG
(72) Grube, Uwe
Möhring, Mario
(31) 102015105697
(32) 14.04.2015
(33) Germany

(51) B62H 5/00
E05B 17/04
E05B 9/04
(11) EP2657438
(21) EP11851898.4
(47) 25.07.2018
(87) JP2011066908
28.06.2012
(22) 26.07.2011
(54) CENTRALIZED UNLOCKING OPERATION DEVICE
(73) Kabushiki Kaisha Honda Lock
(72) YANO, Hitoshi
SATOU, Nobuyuki
WAKAI, Hayato
(31) 2010286597
(32) 22.12.2010
(33) Japan

(51) B62J 9/00
(11) EP3016844
(21) EP14725195.3
(47) 25.07.2018
(87) EP2014060422
08.01.2015
(22) 21.05.2014
(54) LOCK ASSEMBLY FOR LUGGAGE CASE
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) REINHART, Peter
(31) 102013213217
(32) 05.07.2013
(33) Germany

(51) B62K 3/00
B62M 6/45
B62M 6/65
(11) EP3083384
(21) EP14808671.3
(47) 25.07.2018
(87) EP2014076931
25.06.2015
(22) 08.12.2014
(54) MOTORIZED SCOOTER
(73) Decathlon
(72) LAGANT, Florent
GUERY, Mathieu
(31) 1362934
(32) 18.12.2013
(33) France

(51) B62K 25/04
(11) EP2479095
(21) EP12000423.9
(47) 25.07.2018
(22) 24.01.2012
(54) Shock absorber for a bicycle
(73) DT Swiss AG
(72) Battlogg, Stefan
Pösel, Jürgen
Elsensohn, Gernot
Walthert, Martin
(31) 102011009405
(32) 25.01.2011
(33) Germany

(51) B62M 7/04
B62K 11/04
(11) EP2939912
(21) EP12891055.1
(47) 25.07.2018
(87) JP2012008231
03.07.2014
(22) 25.12.2012
(54) ELECTRIC VEHICLE
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) INOUE, Masafumi

(51) B63B 21/00
(11) EP2945850
(21) EP14706259.0

(47) 25.07.2018
(87) AT2014050004
24.07.2014
(22) 09.01.2014
(54) ARRANGEMENT FOR MOORING BUOYANT BODIES
(73) Dual Docker GmbH
(72) FUHRMANN, Michael
(31) 500292013
(32) 17.01.2013
(33) Austria

(51) B63B 22/00
B63B 22/18
B63B 21/48
B63G 8/14
B64D 1/02
B64D 17/00
(11) EP3162692
(21) EP16181364.7
(47) 25.07.2018
(22) 27.07.2016
(54) WATERBORNE PAYLOAD DEPLOYMENT VESSEL AND METHOD
(73) The Boeing Company
(72) CHILDRESS, Jamie J.
GEORGE, Marci A.
WYNNS, Paul L.
MATTHEWS, Kurt A.
FAGAN, JR., John J.
GREENSTEIN, Egan
(31) 201514929561
(32) 02.11.2015
(33) United States of America

(51) B63B 22/16
G08G 3/00
B63B 51/00
(11) EP3279076
(21) EP16722258.7
(47) 25.07.2018
(87) ES2016070187
06.10.2016
(22) 18.03.2016
(54) OFFSHORE MARITIME ACCESS CONTROL SYSTEM
(73) Scio Soft, S.L.
(72) BERMÚDEZ PESTONIT, Pablo
RAÑO JARES, Isaac
VARELA FERNÁNDEZ, Carlos
CASTELO PARDO, Angel Luís
(31) 201530436
(32) 31.03.2015
(33) Spain

(51) B63B 25/16
F17C 1/12
B65D 90/08
(11) EP2284072
(21) EP09739005.8
(47) 25.07.2018
(87) KR2009002305
05.11.2009
(22) 30.04.2009
(54) FIXING DEVICE FOR CARGO HOLD INSULATION PANEL AND INSULATION PANEL USING THE FIXING DEVICE
(73) Samsung Heavy Ind. Co., Ltd.
(72) JOH, Ki-Hun
CHUN, Sang-Eon
BANG, Chang-Seon
LEE, Dai-Gil
KIM, Byung-Chul
KIM, Bu-Gi
KIM, Jin-Gyu
YOON, Soon-Ho
PARK, Sang-Wook
LEE, Kwan- Ho
KIM, Seong-Su
KIM, Byoung-Jung
KIM, Po-Chul
YU, Ha-Na
LIM, Min-Woo
HWANG, In-Uk
(31) 20080041491
20080078903
20090037843
(32) 02.05.2008
12.08.2008
29.04.2009
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) B63B 27/14
B63B 19/08
(11) EP3114022
(21) EP15710925.7
(47) 25.07.2018
(87) IB2015051540
11.09.2015
(22) 03.03.2015
(54) BOAT WITH STERN HATCH WITH INTEGRATED MOVEMENT
(73) Ferretti S.p.A.
(72) FRABETTI, Andrea
(31) MI20140336
(32) 05.03.2014
(33) Italy

(51) B63B 27/14
B63B 27/36
(11) EP3114023
(21) EP15710926.5
(47) 25.07.2018
(87) IB2015051550
11.09.2015
(22) 03.03.2015
(54) BOAT WITH SUBMERSIBLE STERN HATCH
(73) Ferretti S.p.A.
(72) FRABETTI, Andrea
(31) MI20140339
(32) 05.03.2014
(33) Italy

(51) B63B 27/24
B63B 25/08
F16L 55/027
F16L 55/033
B63B 27/25
(11) EP2868567
(21) EP12879789.1
(47) 25.07.2018
(87) KR2012011683
03.01.2014
(22) 28.12.2012
(54) OIL-LOADING APPARATUS AND OIL CARRIER INCLUDING SAME
(73) Samsung Heavy Industries Co., Ltd.
(72) CHOI, Sung Yun
KIM, Seung Hyuk
SONG, Yong Seok
CHOI, Jae Woong
(31) 20120069332
(32) 27.06.2012
(33) Korea (Republic)

(51) B63B 35/32
E02B 15/10
(11) EP3024718
(21) EP14829220.4
(47) 25.07.2018
(87) US2014048107
29.01.2015
(22) 25.07.2014
(54) OIL RECOVERY SYSTEM
(73) Quinones, Victor Manuel
(72) Quinones, Victor Manuel
(31) 201361859128 P
201414321750
(32) 26.07.2013
01.07.2014
(33) United States of America
United States of America

(51) B63B 35/44
B63B 1/04
B63B 39/00
(11) EP2496469
(21) EP10828921.6
(47) 25.07.2018
(87) US2010054404
12.05.2011
(22) 28.10.2010
(54) OFFSHORE BUOYANT DRILLING, PRODUCTION, STORAGE AND OFFLOADING STRUCTURE
(73) JURONG SHIPYARD PTE. LTD.
(72) VANDENWORM, Nicolaas, J.
(31) 259201 P
262533 P
(32) 08.11.2009
18.11.2009
(33) United States of America
United States of America

(51) B63B 35/79
(11) EP3100944
(21) EP15181781.4
(47) 25.07.2018
(22) 20.08.2015
(54) TAIL FIN ASSEMBLY FOR INFLATABLE PRODUCT
(73) Bestway Inflatables & Material Corp.
(72) LIU, Feng
(31) 201520372095 U
(32) 02.06.2015
(33) China

(51) B63B 39/03
B63B 43/06
(11) EP2214955
(21) EP08858077.4
(47) 25.07.2018
(87) NO2008000435
11.06.2009
(22) 05.12.2008
(54) SYSTEM AND METHOD FOR THE ACTIVE AND PASSIVE STABILIZATION OF A VESSEL
(73) MRPC AS
(72) SPORSHEIM, Ove Sigbjörn
(31) 20076308

(32) 07.12.2007
(33) Norway

(51) B63B 43/16
(11) EP3148869
(21) EP15759831.9
(47) 25.07.2018
(87) FR2015051165
03.12.2015
(22) 30.04.2015
(54) DEVICE FOR SEALING AN OPENING IN A WALL
(73) Marcireau, Daniel
(72) Marcireau, Daniel
(31) 1454746
(32) 26.05.2014
(33) France

(51) B63C 9/125
B63C 9/15
B60C 29/00
B63C 9/00
(11) EP3038897
(21) EP14781277.0
(47) 25.07.2018
(87) IB2014064082
05.03.2015
(22) 27.08.2014
(54) ACTIVATION DEVICE FOR TRIGGERING AN AUTOMATIC RESCUE MEANS
(73) Maechler, Philip
(72) Maechler, Philip
(31) 14572013
(32) 28.08.2013
(33) Switzerland

(51) B63G 9/06
B63G 7/06
(11) EP2909083
(21) EP13766053.6
(47) 25.07.2018
(87) EP2013069675
24.04.2014
(22) 23.09.2013
(54) DEVICE FOR WINDING AND UNWINDING A CABLE AROUND A DRUM
(73) Thales
(72) PENVEN, Paul
LOSSEC, Jean-Jacques
HERVOUET, David
(31) 1202786
(32) 18.10.2012
(33) France

(51) B63H 20/12
B63H 21/36
H01H 47/00
H01M 10/0525
B63H 23/24
B63J 3/04
B63H 21/17
H01M 2/12
(11) EP2920062
(21) EP13802530.9
(47) 25.07.2018
(87) EP2013003394
15.05.2014
(22) 11.11.2013
(54) BOAT WITH ELECTRIC DRIVE
(73) Torqeedo GmbH
(72) BIEBACH, Jens
KRIEGER, Philipp
HARTMEYER, Marc
(31) 102012021996
(32) 12.11.2012
(33) Germany

(51) B64C 1/00
B64C 1/14
B64C 3/24
B64C 1/06
B32B 7/00
B32B 7/08
B32B 3/08
B32B 3/14
B32B 7/02
B32B 3/26
B64C 3/18
B64C 3/26
(11) EP2487106
(21) EP10822016.1
(47) 25.07.2018
(87) JP2010067475
14.04.2011
(22) 05.10.2010
(54) COMPOSITE MATERIAL STRUCTURE, AS WELL AS AIRCRAFT WING AND FUSELAGE PROVIDED THEREWITH
(73) Mitsubishi Heavy Industries, Ltd.
(72) YOSHIDA, Shinichi
TANAKA, Hideaki
TANAKA, Yuya
(31) 2009234633
(32) 08.10.2009
(33) Japan

(51) B64C 1/00
F16F 15/03
(11) EP2896562
(21) EP14191504.1
(47) 25.07.2018
(22) 03.11.2014
(54) Motion-damping systems and methods including the same
(73) The Boeing Company
(72) Hull, John Ralph
Strasik, Michael
Martig, Thomas H
(31) 201314104992
(32) 12.12.2013
(33) United States of America

(51) B64C 1/14
B64C 1/32
(11) EP3000721
(21) EP15184221.8
(47) 25.07.2018
(22) 08.09.2015
(54) AIRCRAFT COMPRISING A FLAP AND A FALL-PREVENTION DEVICE
(73) AIRBUS OPERATIONS (S.A.S)
(72) CHOURREAU, Yannick
CHALLANCIN, Loïc
(31) 1459218
(32) 29.09.2014
(33) France

(51) B64C 1/26
(11) EP2825450
(21) EP13709224.3
(47) 25.07.2018
(87) EP2013055332
19.09.2013
(22) 15.03.2013
(54) AIRCRAFT FUSELAGE STRUCTURE
(73) Airbus Defence and Space GmbH
(72) BENTHIEN, Hermann
HAACK, Cord
POPPE, Andreas
BURRICHTER, Michael
ABRAHAM, Torsten
BRINCKMANN, Michael
DIERKER, Christoph
WERTH, Frank
BINDEWALD, Wulf
(31) 102012005352
201261611852 P
(32) 16.03.2012
16.03.2012
(33) Germany
United States of America

(51) B64C 3/26
B64C 21/02
B64C 21/06
(11) EP2558362
(21) EP11715425.2
(47) 25.07.2018
(87) EP2011001827
20.10.2011
(22) 12.04.2011
(54) PROFILE-PLATE PORTION FOR USE AS AN OUTER WALL OF A FLOW BODY, AND FLOW-BODY COMPONENT WITH A SUCTION-EXTRACTION DEVICE FOR FLUID
(73) Airbus Operations GmbH
(72) GERBER, Martin
SYASSEN, Freerk
(31) 323055 P
102010014639
323034 P
102010014640
323010 P
102010014641
(32) 12.04.2010
12.04.2010
12.04.2010
12.04.2010
12.04.2010
12.04.2010
(33) United States of America
Germany
United States of America
Germany
United States of America
Germany

(51) B64C 11/20
(11) EP3040269
(21) EP14200416.7
(47) 25.07.2018
(22) 29.12.2014
(54) Propeller blade
(73) Airbus Operations S.A.S.
Airbus Operations S.L.
(72) Toral Vàzquez, Javier
Folch Cortes, Diego
Martino González, Esteban
Goya Abaurrea, Pablo
Votsios, Vasillis
Fouinnetau, Michel

Roumegas, Sylvain

(51) B64C 11/44
B64C 27/54
G01D 1/08
B64C 11/30
G05B 13/02
(11) EP2160321
(21) EP08825916.3
(47) 25.07.2018
(87) US2008062830
27.11.2008
(22) 07.05.2008
(54) ENGINE ANTICIPATION FOR ROTARY WING AIRCRAFT
(73) Sikorsky Aircraft Corporation
(72) CHEREPINSKY, Igor
DRISCOLL, Joseph T.
JANG, Stella
(31) 938777 P
(32) 18.05.2007
(33) United States of America

(51) B64C 23/06
(11) EP3194262
(21) EP15754234.1
(47) 25.07.2018
(87) EP2015069573
24.03.2016
(22) 26.08.2015
(54) A WING FOR AN AIRCRAFT, AND AN AIRCRAFT COMPRISING SUCH A WING
(73) Airbus Operations GmbH
(72) HELLER, Gerd
(31) 14185039
(32) 16.09.2014
(33) European Patent Office (EPO)

(51) B64C 25/34
B64C 25/04
B64C 25/20
B64C 25/00
(11) EP2550198
(21) EP11707030.0
(47) 25.07.2018
(87) US2011025966
29.09.2011
(22) 23.02.2011
(54) SEMI-LEVERED LANDING GEAR AND ASSOCIATED METHOD
(73) The Boeing Company
(72) MELLOR, Mitchell, L.
LONG, Michael, A.
ODELL, Richard, B.
(31) 730598
(32) 24.03.2010
(33) United States of America

(51) B64C 29/00
B64C 15/14
F02K 1/00
F02K 5/00
F02C 3/10
B64D 27/02
(11) EP2256036
(21) EP10159995.9
(47) 25.07.2018
(22) 15.04.2010
(54) An aircraft having a lift/propulsion unit
(73) Rolls-Royce plc
(72) Harris, Paul Jeremy Hugh
Hewitt, Frank Anthony
Johnson, Martin Christopher
Wright, Christopher
(31) 0909158
(32) 29.05.2009
(33) United Kingdom

(51) B64D 9/00
B60P 7/13
B63B 25/00
(11) EP2899124
(21) EP14152741.6
(47) 25.07.2018
(22) 27.01.2014
(54) Vehicle cargo compartment, system, and vehicle
(73) Airbus Operations GmbH
(72) Fischer, Dennis
Kahle, Stephan

(51) B64D 11/02
E03D 5/00
E03D 11/02
E03D 11/17
E03F 1/00
(11) EP2951089
(21) EP14705251.8
(47) 25.07.2018
(87) US2014013761
07.08.2014
(22) 30.01.2014
(54) TOILETS WITH IMPROVED REMOVABILITY FOR PASSENGER TRANSPORT VEHICLES
(73) MAG Aerospace Industries, LLC
(72) BEACH, David A.
RATLIFF, Robert G.
KUHNS, Howard C.B.
(31) 201361758483 P
(32) 30.01.2013
(33) United States of America

(51) B64D 11/06
(11) EP2632796
(21) EP11785319.2
(47) 25.07.2018
(87) EP2011005277
03.05.2012
(22) 20.10.2011
(54) SEAT FASTENING DEVICE
(73) Recaro Aircraft Seating GmbH & Co. KG
(72) MEJUHAS, Marsel
(31) 102011100107
102010049703
(32) 30.04.2011
28.10.2010
(33) Germany
Germany

(51) B64D 13/02
B64D 13/06
B64D 13/08
B64D 37/32
(11) EP3064434
(21) EP16158495.8
(47) 25.07.2018
(22) 03.03.2016
(54) AIRCRAFT HAVING REPLACEMENT SYSTEM PROVIDING REPLACEMENT AIR TO AN INERTING SYSTEM
(73) Hamilton Sundstrand Corporation
(72) BRUNO, Louis J.
ZYWIAK, Thomas M.
KLINE, Eric G.
MILLOT, Christina W.
HIPSKY, Harold W.
ARMY, Jr., Donald E.
D'ORLANDO, Paul M.
(31) 201514638469
(32) 04.03.2015
(33) United States of America

(51) B64D 27/26
F16F 13/26
(11) EP3184433
(21) EP16203044.9
(47) 25.07.2018
(22) 14.06.2011
(54) A HELICOPTER ENGINE MOUNTING SYSTEM AND METHODS
(73) LORD Corporation
(72) ZAMEROSKI, Daniel
(31) 397607 P
(32) 14.06.2010
(33) United States of America

(51) B64D 37/32
B64D 37/06
B60K 15/03
F41H 5/04
(11) EP3140199
(21) EP15788840.5
(47) 25.07.2018
(87) GB2015051326
12.11.2015
(22) 06.05.2015
(54) BAFFLE
(73) BAE Systems PLC
(72) BINGHAM, Christopher Steven
IRWIN, Andrew James
PEARSON, David Peter
(31) 201408023
14275109
(32) 07.05.2014
07.05.2014
(33) United Kingdom
European Patent Office (EPO)

(51) B64F 1/32
B65G 67/04
B66F 3/22
B66F 9/06
B65G 69/24
(11) EP2321180
(21) EP09807792.8
(47) 25.07.2018
(87) CA2009001161
25.02.2010
(22) 18.08.2009
(54) CARGO LOADER FOR AN AIRCRAFT WITH ADJUSTING MECHANISM
(73) TLD (Canada) Inc.
(72) QUIRION, Patrick
(31) 90046 P
(32) 19.08.2008
(33) United States of America

(51) B64G 1/10
B64F 1/10
H04B 7/185
(11) EP2621813
(21) EP11827855.5
(47) 25.07.2018
(87) CA2011001093
05.04.2012

(22) 30.09.2011
(54) SATELLITE SYSTEM AND METHOD FOR CIRCUMPOLAR LATITUDES
(73) Telesat Canada
(72) BIGRAS, Andre, E.
MEGYERI, Peter
RIGLEY, Jack
SHOAMANESH, Alireza
NG, Paul
SINGH, Surinder, Pal
(31) 2716174
(32) 01.10.2010
(33) Canada

(51) B64G 1/28
G05D 1/08
G01C 19/04
G01C 19/30
(11) EP2955114
(21) EP13879953.1
(47) 25.07.2018
(87) KR2013009575
02.10.2014
(22) 25.10.2013
(54) CONTROL MOMENT GYROSCOPE
(73) Korea Aerospace Research Institute
(72) LEE, Seon Ho
(31) 20130031699
20130096291
(32) 25.03.2013
14.08.2013
(33) Korea (Republic)
Korea (Republic)

(51) B64G 1/64
B64G 1/62
B64G 1/66
B64G 1/56
B64G 1/34
(11) EP2508430
(21) EP10834643.8
(47) 25.07.2018
(87) JP2010071662
09.06.2011
(22) 03.12.2010
(54) METHOD FOR CLEARING SPACE DEBRIS
(73) IHI Corporation
Kyushu University
(72) HANADA, Toshiya
KITAZAWA, Yukihito
KAWABE, Aritsune
(31) 2009276530
(32) 04.12.2009
(33) Japan

(51) B65B 35/52
B65G 57/30
B65G 47/08
B65B 35/36
B65B 35/38
(11) EP3266718
(21) EP16178561.3
(47) 25.07.2018
(22) 08.07.2016
(54) PACKAGING MACHINE INCLUDING A TEMPORARY STORAGE UNIT FOR PACKED MEDICAL GOODS
(73) Mediseal GmbH
(72) Lücke, Joachim
Schlenkermann, Hendrik

(51) B65B 53/02
B65B 11/10
B65B 51/02
B65D 71/10
(11) EP3177535
(21) EP15747146.7
(47) 25.07.2018
(87) EP2015067823
11.02.2016
(22) 03.08.2015
(54) PACKAGING UNIT AND METHOD FOR PRODUCING A PACKAGING UNIT
(73) KHS GmbH
(72) STIENEN, Thomas
(31) 102014111054
(32) 04.08.2014
(33) Germany

(51) B65C 9/18
B26D 1/40
B26D 1/62
B65H 35/08
(11) EP3041750
(21) EP13890643.3
(47) 25.07.2018
(87) CA2013000687
05.02.2015
(22) 01.08.2013
(54) APPARATUS AND METHOD FOR CUTTING FACESTOCK
(73) Eti Converting Equipment
(72) BAYZELON, François
OUELLET, Eric
BLOUIN, Denis
POIRIER, Jean-François

(51) B65D 1/02
(11) EP2933201
(21) EP15164122.2
(47) 25.07.2018
(22) 15.05.2008
(54) LIGHTWEIGHT PLASTIC CONTAINER
(73) Plastipak Packaging, Inc.
(72) Morgan, Edward, V.
Darr, Richard, C.
(31) 749501
(32) 16.05.2007
(33) United States of America

(51) B65D 5/22
B65D 5/24
B65D 5/44
(11) EP2847080
(21) EP13714075.2
(47) 25.07.2018
(87) US2013030671
14.11.2013
(22) 13.03.2013
(54) CONTAINER, BOX AND METHOD OF MAKING A CONTAINER
(73) Multi Packaging Solutions, Inc.
(72) SYLVESTER, Scott, D.
(31) 201261644192 P
(32) 08.05.2012
(33) United States of America

(51) B65D 6/18
(11) EP2338803
(21) EP10171140.6
(47) 25.07.2018
(22) 15.09.2008
(54) A collapsible container
(73) LINPAC Allibert Limited
(72) Cope, Andrew Christopher
Stringer, John
(31) 0717892
(32) 13.09.2007
(33) United Kingdom

(51) B65D 25/32
B44D 3/12
B65D 43/02
B65D 55/00
(11) EP3197791
(21) EP15704201.1
(47) 25.07.2018
(87) DK2015050024
31.03.2016
(22) 03.02.2015
(54) A CONTAINER WITH A LID AND A SECURING RING
(73) Baltic Packaging A/S
(72) MORTENSEN, Jan
(31) 201470589
(32) 24.09.2014
(33) Denmark

(51) B65D 41/58
B65D 51/22
B65D 75/58
(11) EP3215432
(21) EP15771508.7
(47) 25.07.2018
(87) EP2015001866
12.05.2016
(22) 18.09.2015
(54) POURER OF A CONTAINER
(73) Georg Menshen GmbH + Co. KG
(72) ROSENDAAL, Jean-Paul
WOMMELSDORF, Jan
SCHULTE, Walter
RÖMER, Frank
(31) 102014016178
(32) 03.11.2014
(33) Germany

(51) B65D 47/04
B65D 51/28
(11) EP3157834
(21) EP15733919.3
(47) 25.07.2018
(87) IB2015054588
23.12.2015
(22) 18.06.2015
(54) CLOSURE WITH STORAGE CHAMBER
(73) Guala Closures S.p.A.
(72) GIOVANNINI, Marco
VIALE, Luca
MITTINO, Maurizio
(31) MI20141118
MI20141446
(32) 19.06.2014
06.08.2014
(33) Italy
Italy

(51) B65D 50/06
(11) EP3173351
(21) EP16200321.4
(47) 25.07.2018
(22) 23.11.2016
(54) CONTAINER WITH A SECURITY CLOSURE ARRANGEMENT
(73) greiner packaging ag

(72) ORTNER, Johann Friedrich
(31) 510022015
(32) 24.11.2015
(33) Austria

(51) B65D 55/02
(11) EP3192748
(21) EP16151640.6
(47) 25.07.2018
(22) 18.01.2016
(54) SEALING FILM
(73) Securikett Ulrich & Horn GmbH
(72) Ulrich-Horn, Marietta

(51) B65D 71/36
(11) EP3153424
(21) EP16193052.4
(47) 25.07.2018
(22) 10.10.2016
(54) CARTON WITH ASYMMETRICAL CORNERS
(73) Graphic Packaging International, LLC
(72) Boersma, Harmen
Gonzalez, Ana
Rovira Porta, Esteve
Smalley, Brian
Thompson, Jon
Zix, Marie
(31) 201562239410 P
(32) 09.10.2015
(33) United States of America

(51) B65D 83/00
B65D 1/32
(11) EP2502851
(21) EP10831510.2
(47) 25.07.2018
(87) JP2010070172
26.05.2011
(22) 12.11.2010
(54) FIXED QUANTITY DISCHARGE SQUEEZE CONTAINER
(73) Kao Corporation
(72) INABA, Shinichi
GOTO, Hiroshi
FUJITA, Michiaki
IWATSUBO, Mitsugu
(31) 2009264013
(32) 19.11.2009
(33) Japan

(51) B65D 85/06
(11) EP2786945
(21) EP14160427.2
(47) 25.07.2018
(22) 23.09.2013
(54) Reusable package
(73) TyrePack GmbH & Co. KG
(72) KESTING, Ralph
(31) 102012218055
(32) 02.10.2012
(33) Germany

(51) B65D 85/07
(11) EP3012207
(21) EP14189687.8
(47) 25.07.2018
(22) 21.10.2014
(54) Flexible package
(73) The Procter & Gamble Company
(72) Motsch, Andreas Peter
Blum, Thorsten

(51) B65D 85/10
(11) EP3122657
(21) EP15704822.4
(47) 25.07.2018
(87) EP2015053441
01.10.2015
(22) 18.02.2015
(54) CONTAINER HAVING INTEGRATED INNER SPACER ELEMENT
(73) Philip Morris Products S.A.
(72) CHATELAIN, Lucas
PITTON, David
(31) 14161330
(32) 24.03.2014
(33) European Patent Office (EPO)

(51) B65D 85/50
(11) EP3056451
(21) EP16155596.6
(47) 25.07.2018
(22) 12.02.2016
(54) FLORAL GIFT BOX SERVING AS A GREETING CARD
(73) Smithers-Oasis Company
(72) MAAS, Gerardus Leonardus
TOP, Mehtap
(31) 201562116669 P
(32) 16.02.2015
(33) United States of America

(51) B65G 1/04
B66F 9/07
(11) EP3094576
(21) EP16701811.8
(47) 25.07.2018
(87) EP2016051833
18.08.2016
(22) 28.01.2016
(54) SYSTEM FORMED BY SHELVING UNIT AND CORRESPONDING TELESCOPIC LOAD RECEIVING MEANS WITHOUT WIDTH ADJUSTMENT
(73) SSI Schäfer Automation GmbH
(72) WINKLER, Max
(31) 102015101948
(32) 11.02.2015
(33) Germany

(51) B65G 1/137
B65G 47/08
B65G 57/24
B65G 61/00
B65G 60/00
(11) EP2226273
(21) EP10152752.1
(47) 25.07.2018
(22) 05.02.2010
(54) System, method and operating unit for producing mixed layers for pallets
(73) Krones AG
(72) Beck, Michael
Ludsteck, Markus
(31) 102009003564
(32) 04.03.2009
(33) Germany

(51) B65G 19/02
B65G 47/52
(11) EP2987751
(21) EP14200201.3
(47) 25.07.2018
(22) 23.12.2014
(54) Vehicle dragging system and vehicle inspection system
(73) Nuctech Company Limited
Tsinghua University
(72) Li, Jianmin
Li, Mingliang
Li, Yuanjing
Li, Yulan
Li, Ying
Song, Tao
(31) 201410418421
(32) 22.08.2014
(33) China

(51) B65G 23/22
B65G 23/06
H02K 1/27
H02K 5/128
(11) EP3024759
(21) EP14846376.3
(47) 25.07.2018
(87) US2014053455
26.03.2015
(22) 29.08.2014
(54) CLEANABLE CONVEYOR-BELT DRIVE SYSTEM
(73) Laitram, LLC
(72) RAGAN, Bryant G.
ROSEN, Robert L.
(31) 201314032623
(32) 20.09.2013
(33) United States of America

(51) B65G 53/48
B65G 27/04
B65G 47/78
B65G 47/38
B65G 27/34
(11) EP2509896
(21) EP10836381.3
(47) 25.07.2018
(87) US2010055275
16.06.2011
(22) 03.11.2010
(54) CONVEYOR WITH SAFETY GATE
(73) Heat And Control, Inc.
(72) PETRI, Kenneth, C.
PAJUODIS, Anselm, R.
BULLARD, Steven, R.
(31) 635860
(32) 11.12.2009
(33) United States of America

(51) B65G 59/10
B65B 25/06
B65B 43/44
B65G 59/06
(11) EP3055238
(21) EP14840170.6
(47) 25.07.2018
(87) DK2014050251
05.03.2015
(22) 21.08.2014
(54) DISPENSING DEVICE AND USE
(73) Intech International A/S
(72) TRUDSLEV, Carsten
(31) 201300481
201300630
(32) 28.08.2013
06.11.2013
(33) Denmark

Denmark

(51) B65G 59/10
B65G 59/06
(11) EP3188992
(21) EP15771008.8
(47) 25.07.2018
(87) DK2015050246
10.03.2016
(22) 19.08.2015
(54) DISPENSING DEVICE
(73) Intech International A/S
(72) TRUDSLEV, Carsten
(31) 201400499
201400526
(32) 04.09.2014
17.09.2014
(33) Denmark
Denmark

(51) B65H 3/08
B65H 3/50
B65H 3/48
B65H 3/32
(11) EP2700599
(21) EP13405101.0
(47) 25.07.2018
(22) 20.08.2013
(54) Device and method for separating individual flat, flexible objects from the underside of a stack
(73) Ferag AG
(72) Fenile, Roberto
Benz, Marc-Andreas
(31) 14402012
(32) 22.08.2012
(33) Switzerland

(51) B65H 19/10
C09J 7/29
(11) EP2130887
(21) EP09161263.0
(47) 25.07.2018
(22) 27.05.2009
(54) Flying splice adhesive tape
(73) tesa SE
(72) Götz, Kerstin
Nagel, Christoph
Graefe, Ingeborg
(31) 102008026443
102008059385
(32) 03.06.2008
27.11.2008
(33) Germany
Germany

(51) B65H 19/10
C09J 7/29
(11) EP2130889
(21) EP09161867.8
(47) 25.07.2018
(22) 03.06.2009
(54) Flying splice adhesive tape
(73) tesa SE
(72) Götz, Kerstin
Wulf, Stefan, Dr.
Nagel, Christoph
(31) 102008026447
102008059384
(32) 03.06.2008
27.11.2008
(33) Germany

Germany

(51) B65H 19/29
B29C 65/00
(11) EP3127843
(21) EP16182163.2
(47) 25.07.2018
(22) 01.08.2016
(54) ULTRASONIC ROLL TAIL CLOSURE OF NON-WOVEN WEB MATERIAL METHOD AND APPARATUS
(73) Elsner Engineering Works, Inc.
(72) Mathy, John Madden Jr.
Chase, Michael Carl
Snell, Zakari Hinton
Markle, John J. II
(31) 201562200440 P
(32) 03.08.2015
(33) United States of America

(51) B65H 19/30
B65H 35/02
B65C 3/06
B65C 9/46
(11) EP2852545
(21) EP13727238.1
(47) 25.07.2018
(87) FI2013050548
28.11.2013
(22) 21.05.2013
(54) METHOD AND ARRANGEMENT FOR HANDLING NARROW ROLLS
(73) UPM Raflatac Oy
(72) JÄPPI, Juha
VEIKKOLA, Ari
KANTANEN, Juho
HAKALA, Ari
PIITULAINEN, Jukka
(31) 20125543
(32) 22.05.2012
(33) Finland

(51) B65H 21/00
B29D 30/42
(11) EP2808281
(21) EP14164399.9
(47) 25.07.2018
(22) 11.04.2014
(54) Splicing device for splicing cord material
(73) Karl Eugen Fischer GmbH
(72) Flieger, Walter
Schulz, Udo
(31) 202013102342 U
(32) 29.05.2013
(33) Germany

(51) B65H 23/185
B65H 23/182
B65H 23/195
B65H 23/198
B65H 20/36
(11) EP2847114
(21) EP13717949.5
(47) 25.07.2018
(87) EP2013001111
14.11.2013
(22) 16.04.2013
(54) INSTALLATION HAVING A SHAFT TO BE DRIVEN, AND METHOD FOR OPERATING AN INSTALLATION
(73) Sew-Eurodrive GmbH & Co. KG
(72) WEGNER, Jürgen

(31) 102012009190
(32) 10.05.2012
(33) Germany

(51) B65H 29/12
B65H 29/62
B65G 47/64
B65H 29/58
(11) EP2976279
(21) EP14710189.3
(47) 25.07.2018
(87) EP2014000580
25.09.2014
(22) 06.03.2014
(54) DEVICE FOR EJECTING A FLAT OBJECT DURING CONVEYING
(73) BOBST MEX SA
(72) BRIZZI, Nicolas
(31) 13001359
(32) 18.03.2013
(33) European Patent Office (EPO)

(51) B65H 29/40
B65H 29/12
B65H 29/52
(11) EP2884468
(21) EP13827503.7
(47) 25.07.2018
(87) CN2013073930
13.02.2014
(22) 09.04.2013
(54) BANKNOTE STACKING APPARATUS AND CORRESPONDING AUTOMATED TELLER MACHINE
(73) GRG Banking Equipment Co., Ltd.
(72) JIANG, Zhuang
WU, En
ZHANG, Tao
(31) 201210282842
(32) 09.08.2012
(33) China

(51) B65H 45/18
(11) EP3063082
(21) EP14809585.4
(47) 25.07.2018
(87) DE2014100371
07.05.2015
(22) 16.10.2014
(54) FOLDING MODULE FOR PAPER SHEETS, FOLDING DEVICE COMPRISING THE FOLDING MODULE, AND METHOD FOR FOLDING PAPER SHEETS
(73) Innovative Card Systems GmbH
(72) WEISS, Albin
(31) 102013111838
(32) 28.10.2013
(33) Germany

(51) B65H 54/28
(11) EP3214029
(21) EP17152416.8
(47) 25.07.2018
(22) 20.01.2017
(54) YARN TRAVERSING DEVICE FOR A WINDING DEVICE IN A TEXTILE MACHINE PRODUCING CROSSWOUND BOBBINS
(73) Saurer Germany GmbH & Co. KG
(72) Klaczynski, Elisabeth
(31) 102016002762

(32) 05.03.2016
(33) Germany

(51) B65H 61/00
B65H 63/06
G01N 21/88
G01P 3/36
G01P 3/80
G01P 3/68
G01B 11/10
G01N 21/89
(11) EP2423144
(21) EP11176868.5
(47) 25.07.2018
(22) 08.08.2011
(54) Yarn travelling information acquiring device and yarn winding machine
(73) Murata Machinery, Ltd.
(72) Kawabata, Satoshi
Minamino, Katsushi
Nakatani, Masatoshi
(31) 2010194581
(32) 31.08.2010
(33) Japan

(51) B65H 75/14
B65H 49/18
B65H 75/22
G02B 6/44
(11) EP2601122
(21) EP11815170.3
(47) 25.07.2018
(87) US2011046228
09.02.2012
(22) 02.08.2011
(54) CABLE SPOOL ASSEMBLY
(73) ADC Telecommunications, Inc.
(72) TORMAN, Nicholas
KIDMAN, Jeffrey, Thomas
SMITH, Trevor, D.
LEBLANC, Thomas, G.
MARCOUILLER, Thomas
(31) 370070 P
201161488572 P
(32) 02.08.2010
20.05.2011
(33) United States of America
United States of America

(51) B65H 75/22
D04B 15/88
(11) EP3110737
(21) EP15707439.4
(47) 25.07.2018
(87) TR2015000002
03.09.2015
(22) 05.01.2015
(54) MECHANICAL ROLLER WITH A BEARING
(73) Terzi, Mustafa
(72) Terzi, Mustafa
(31) 201402211
(32) 25.02.2014
(33) Turkey

(51) B65H 75/36
B65H 75/44
(11) EP3127846
(21) EP14888547.8
(47) 25.07.2018
(87) CN2014092008
08.10.2015
(22) 24.11.2014
(54) TELEPHONE WIRE WITHDRAWING DEVICE
(73) GRG Banking Equipment Co., Ltd.
(72) DING, Yingfeng
HUANG, Hexiang
WU, Changhai
SHI, Guocheng
LONG, Guanfu
(31) 201410132031
(32) 02.04.2014
(33) China

(51) B65H 75/40
B65H 75/44
(11) EP3190073
(21) EP17150451.7
(47) 25.07.2018
(22) 05.01.2017
(54) SPECIFIC CORD RETRACTOR FOR ANTI-NOISE PPE
(73) Roussel, Pascal
(72) Roussel, Pascal
(31) 1670001
(32) 08.01.2016
(33) France

(51) B66B 5/00
(11) EP3095743
(21) EP15168287.9
(47) 25.07.2018
(22) 20.05.2015
(54) ELEVATOR COMPRISING A ROPE MONITORING ARRANGEMENT TO DETECT DISPLACEMENT OF BELT-SHAPED ROPES
(73) KONE Corporation
(72) Helenius, Juha

(51) B66B 9/00
B66B 7/02
(11) EP3133038
(21) EP16182617.7
(47) 25.07.2018
(22) 03.08.2016
(54) ROPELESS ELEVATOR SYSTEM GUIDE RAIL ASSEMBLY
(73) Otis Elevator Company
(72) ERICSON, Richard J.
(31) 201562200167 P
(32) 03.08.2015
(33) United States of America

(51) B66B 9/08
(11) EP2847118
(21) EP13724015.6
(47) 25.07.2018
(87) NL2013050348
14.11.2013
(22) 08.05.2013
(54) STAIR LIFT
(73) Otto Ooms B.V.
(72) OOMS, Alex
(31) 2008786
(32) 10.05.2012
(33) Netherlands

(51) B66C 1/02
B66C 13/12
F04B 17/00
F15B 1/26
(11) EP2379858
(21) EP10732199.4
(47) 25.07.2018
(87) US2010021326
22.07.2010
(22) 18.01.2010
(54) IMPROVED COMPACT VACUUM MATERIAL HANDLER
(73) Vaculift, Inc. (DBA Vacuworx International)
(72) SOLOMON, William, J.
HOCUTT, Darrell
(31) 355843
(32) 19.01.2009
(33) United States of America

(51) B66C 3/00
B66C 13/12
(11) EP3009392
(21) EP14189042.6
(47) 25.07.2018
(22) 15.10.2014
(54) Crane
(73) Steindl Krantechnik Gesellschaft m.b.H.
(72) Steindl, Georg

(51) B66C 17/04
B66F 7/06
B66C 15/02
(11) EP3078621
(21) EP16163612.1
(47) 25.07.2018
(22) 03.04.2016
(54) RAISING AXLE, IN PARTICULAR FOR A PORTAL ROBOT
(73) HAGER Sondermaschinenbau GmbH
(72) Hager, Hans
(31) 202015101691 U
(32) 06.04.2015
(33) Germany

(51) B66D 3/16
(11) EP2927180
(21) EP13857901.6
(47) 25.07.2018
(87) JP2013081778
05.06.2014
(22) 26.11.2013
(54) CHAIN BLOCK
(73) Kito Corporation
(72) KOSUGA, Kosuke
(31) 2012262616
(32) 30.11.2012
(33) Japan

(51) B66F 15/00
B66F 3/00
(11) EP3148920
(21) EP15725630.6
(47) 25.07.2018
(87) EP2015062065
03.12.2015
(22) 01.06.2015
(54) TOOL FOR RAISING A VEHICLE
(73) Softbank Robotics Europe
(72) CLERC, Vincent
(31) 1454921
(32) 30.05.2014
(33) France

(51) B67C 3/26
(11) EP2996980
(21) EP14721205.4
(47) 25.07.2018

(87) EP2014001078
20.11.2014
(22) 19.04.2014
(54) FILLING SYSTEM AND FILLING MACHINE FOR FILLING CONTAINERS
(73) KHS GmbH
(72) CLÜSSERATH, Ludwig
HÄRTEL, Manfred
BRUCH, Bernd
(31) 102013104938
(32) 14.05.2013
(33) Germany

(51) B67C 7/00
B29C 49/06
B29C 49/48
B29C 49/56
B67C 3/02
B65D 1/02
(11) EP2832682
(21) EP13768238.1
(47) 25.07.2018
(87) JP2013059345
03.10.2013
(22) 28.03.2013
(54) METHOD FOR MANUFACTURING CONTAINER CONTAINING CONTENT FLUID AND BLOW-MOLDING DEVICE
(73) Discma AG
(72) SATO, Sumito
TAMURA, Nobuyuki
NAGASHIMA, Takeshi
OKUYAMA, Yuichi
SHIMIZU, Kazuhiko
TANAKA, Toshimasa
(31) 2012079005
2012145408
2012170180
(32) 30.03.2012
28.06.2012
31.07.2012
(33) Japan
Japan
Japan

(51) B67D 7/02
A61M 5/32
B67D 1/00
B67D 1/04
B67D 3/00
(11) EP2817257
(21) EP13706260.0
(47) 25.07.2018
(87) EP2013053726
29.08.2013
(22) 25.02.2013
(54) REMOVAL DEVICE FOR REMOVING LIQUIDS FROM CONTAINERS
(73) Krones AG
(72) MEINZINGER, Rupert
(31) 102012101503
(32) 24.02.2012
(33) Germany

(51) B67D 7/34
(11) EP2969905
(21) EP14711207.2
(47) 25.07.2018
(87) EP2014055095
18.09.2014
(22) 14.03.2014
(54) FUEL DISPENSER TAMPER DETECTION ARRANGEMENT
(73) Danaher Uk Industries Limited
(72) BENTON, Geoffrey Alan
JENNINGS, Michael Lawrence
(31) 201361782432 P
201414206407
(32) 14.03.2013
12.03.2014
(33) United States of America
United States of America

(51) B81C 1/00
(11) EP1975119
(21) EP07704725.6
(47) 25.07.2018
(87) ES2007000011
19.07.2007
(22) 12.01.2007
(54) METHOD FOR OBTAINING MICROFLUIDIC POLYMER STRUCTURES
(73) Ikerlan, S. Coop
POC MicroSolutions, SL
(72) BLANCO BARRO, Francisco Javier
ELIZALDE GARCÍA, Jorge
RUANO LÓPEZ, Jesús Miguel
(31) 200600071
(32) 12.01.2006
(33) Spain

(51) B81C 1/00
(11) EP2285733
(21) EP08874259.8
(47) 25.07.2018
(87) EP2008066593
19.11.2009
(22) 02.12.2008
(54) METHOD FOR PRODUCING CHIPS
(73) Robert Bosch GmbH
(72) KRAMER, Torsten
BOEHRINGER, Matthias
PINTER, Stefan
BENZEL, Hubert
ILLING, Matthias
HAAG, Frieder
ARMBRUSTER, Simon
(31) 102008001738
(32) 14.05.2008
(33) Germany

(51) C01B 3/50
H01M 8/0668
C10G 2/00
C25B 3/02
F02C 3/22
(11) EP2973816
(21) EP14719447.6
(47) 25.07.2018
(87) US2014025195
25.09.2014
(22) 13.03.2014
(54) INTEGRATED ELECTRICAL POWER AND CHEMICAL PRODUCTION USING FUEL CELLS
(73) ExxonMobil Research and Engineering Company
(72) BERLOWITZ, Paul, J.
BARCKHOLTZ, Timothy, A.
HERSHKOWITZ, Frank
(31) 201361787697 P
201361787587 P
201361788628 P
201361787879 P
201361884565 P
201361884545 P
201361884605 P
201361884376 P
201361884586 P
201361884635 P
201361889757 P
(32) 15.03.2013
15.03.2013
15.03.2013
15.03.2013
30.09.2013
30.09.2013
30.09.2013
30.09.2013
30.09.2013
30.09.2013
11.10.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) C01B 9/04
C01D 15/04
C01G 9/04
(11) EP3089938
(21) EP14827749.4
(47) 25.07.2018
(87) EP2014078757
09.07.2015
(22) 19.12.2014
(54) METHOD FOR PRODUCING APROTIC SOLUTIONS THAT CONTAIN ZINC BROMIDE AND LITHIUM BROMIDE
(73) Albemarle Germany GmbH
(72) RITTMEYER, Peter
WILLEMS, Johannes
HAUK, Dieter
LISCHKA, Uwe
KIEFER, Florian
DAWIDOWSKI, Dirk
(31) 102014200007
(32) 03.01.2014
(33) Germany

(51) C01B 15/01
A61L 2/20
F22B 1/28
B01B 1/00
(11) EP2952475
(21) EP15397525.5
(47) 25.07.2018
(22) 02.06.2015
(54) METHOD AND DEVICE FOR GENERATING STEAM AND GASEOUS HYDROGEN PEROXIDE
(73) Steris Europe, Inc. Suomen Sivuliike
(72) SALMISUO, Mauri
(31) 14397517

(32) 03.06.2014
(33) European Patent Office (EPO)

(51) C01B 17/45
F25J 3/08
C01B 32/10
(11) EP1766314
(21) EP05739999.0
(47) 25.07.2018
(87) AU2005000700
15.12.2005
(22) 16.05.2005
(54) GAS RECOVERY OF SULPHUR HEXAFLUORIDE
(73) Golden Triangle Enterprises Pty Ltd.
(72) STOKES, Anthony
(31) 2004902990
(32) 02.06.2004
(33) Australia

(51) C01B 19/00
C01G 51/00
C01G 15/00
C01G 30/00
H01L 31/032
H01L 35/16
(11) EP2703345
(21) EP12776437.1
(47) 25.07.2018
(87) KR2012003255
01.11.2012
(22) 26.04.2012
(54) NOVEL SEMICONDUCTOR COMPOUND AND USAGE THEREOF
(73) LG Chem, Ltd.
(72) PARK, Cheol-Hee
KIM, Tae-Hoon
(31) 20110040401
20120043839
(32) 28.04.2011
26.04.2012
(33) Korea (Republic)
Korea (Republic)

(51) C01B 21/093
C01B 21/086
C07C 303/36
C07C 311/48
H01M 10/0568
(11) EP2505551
(21) EP10833347.7
(47) 25.07.2018
(87) JP2010071166
03.06.2011
(22) 26.11.2010
(54) FLUOROSULFONYL IMIDE SALT AND METHOD FOR PRODUCING FLUOROSULFONYL IMIDE SALT
(73) Nippon Shokubai Co., Ltd.
(72) SATO, Shimpei
OKUMURA, Yasunori
SATO, Yuichi
MIYOSHI, Yasuyuki
(31) 2009270836
2009282023
2010238023
(32) 27.11.2009
11.12.2009
22.10.2010
(33) Japan
Japan
Japan

(51) C01B 25/45
H01M 4/58
H01M 4/525
H01M 4/485
H01M 4/36
H01M 4/1391
H01M 4/139
H01M 4/13
H01M 4/131
H01M 10/052
(11) EP2985817
(21) EP15170701.5
(47) 25.07.2018
(22) 04.06.2015
(54) POSITIVE ACTIVE MATERIAL FOR RECHARGEABLE LITHIUM BATTERY, METHOD OF PREPARING SAME, AND RECHARGEABLE LITHIUM BATTERY INCLUDING SAME
(73) Samsung SDI Co., Ltd.
(72) Kim, Su-Jin
(31) 20140103980
(32) 11.08.2014
(33) Korea (Republic)

(51) C01B 32/16
B01J 23/745
B01J 37/34
C01B 3/26
H01G 11/36
B82Y 40/00
B82Y 30/00
B01J 37/08
B01J 37/02
B01J 21/04
H01M 4/587
(11) EP2476648
(21) EP10815416.2
(47) 25.07.2018
(87) JP2010065514
17.03.2011
(22) 09.09.2010
(54) METHOD FOR SIMULTANEOUSLY PRODUCING CARBON NANOTUBES AND HYDROGEN
(73) The University of Tokyo
Hitachi Chemical Company, Ltd.
(72) NODA Suguru
KIM Dong Young
OSAWA Toshio
SUGIME Hisashi
HASEGAWA Kei
HABA Eisuke
(31) 2009209844
(32) 10.09.2009
(33) Japan

(51) C01B 32/174
(11) EP3145861
(21) EP15706818.0
(47) 25.07.2018
(87) EP2015054123
03.09.2015
(22) 27.02.2015
(54) METHOD FOR PREPARING A SUSPENSION CONTAINING CARBON NANOTUBES AND STABLE SUSPENSION OBTAINED IN THIS WAY
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) DEBSKI, Nicolas
MAYNE-L'HERMITE, Martine
PINAULT, Mathieu
(31) 1451656
(32) 28.02.2014
(33) France

(51) C01B 32/40
C25B 1/00
C25B 11/12
C25B 9/00
C07F 15/02
C07D 487/22
(11) EP3140312
(21) EP15721208.5
(47) 25.07.2018
(87) EP2015059746
12.11.2015
(22) 04.05.2015
(54) PORPHYRIN MOLECULAR CATALYSTS FOR SELECTIVE ELECTROCHEMICAL REDUCTION OF CO2 INTO CO
(73) Université Paris Diderot - Paris 7
Centre National de la Recherche Scientifique (CNRS)
(72) COSTENTIN, Cyrille
ROBERT, Marc
DROUET, Samuel
PASSARD, Guillaume
SAVEANT, Jean-Michel
TATIN, Arnaud
(31) 14305660
15020013
(32) 05.05.2014
02.02.2015
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C01B 37/02
C01B 39/04
C04B 35/14
B01J 29/035
B01J 29/06
B01J 35/06
B01D 71/02
B01D 53/22
(11) EP1232999
(21) EP01908193.4
(47) 25.07.2018
(87) JP2001001562
07.09.2001
(22) 01.03.2001
(54) ZEOLITE FORMED PRODUCT, ZEOLITE LAMINATE INTERMEDIATE, ZEOLITE LAMINATE COMPOSITE AND METHOD FOR THEIR PREPARATION
(73) NGK Insulators, Ltd.
(72) TOMITA, Toshihiro,c/o NGK INSULATORS, LTD.
NAKAMURA, Shinji, c/o NGK INSULATORS, LTD.
(31) 2000057453
2001040532
2001040598
(32) 02.03.2000
16.02.2001
16.02.2001
(33) Japan

Japan
Japan

(51) C01G 25/00
C01G 25/02
C04B 35/486
(11) EP2519472
(21) EP10803318.4
(47) 25.07.2018
(87) US2010061539
07.07.2011
(22) 21.12.2010
(54) ZIRCONIA-BASED PARTICLES DOPED WITH A LANTHANIDE ELEMENT
(73) 3M Innovative Properties Company
(72) KOLB, Brant U.
HENDRICKSON, Mark J.
MATHERS, James P.
HUMPAL, Kathleen M.
SHARMA, Neeraj
BROSTROM, Myles L.
(31) 290644 P
(32) 29.12.2009
(33) United States of America

(51) C01G 49/00
C09C 1/00
(11) EP2799500
(21) EP12862630.6
(47) 25.07.2018
(87) JP2012082729
04.07.2013
(22) 18.12.2012
(54) COMPOSITE OXIDE BLACK PIGMENT AND METHOD FOR PRODUCING SAME
(73) Dainichiseika Color & Chemicals Mfg. Co., Ltd.
(72) YAMANE Kenichi
KAWAKAMI Toru
NISHIO Akira
TERADA Hiroyoshi
(31) 2011284450
(32) 26.12.2011
(33) Japan

(51) C01G 49/06
C09C 1/24
(11) EP3189011
(21) EP15759772.5
(47) 25.07.2018
(87) EP2015070201
10.03.2016
(22) 04.09.2015
(54) PREPARATION OF RED IRON OXIDE PIGMENTS
(73) LANXESS Deutschland GmbH
(72) CZAPLIK, Waldemar
KETTELER, Guido
KISCHKEWITZ, Jürgen
(31) 14183797
(32) 05.09.2014
(33) European Patent Office (EPO)

(51) C01G 53/00
H01M 4/525
H01M 4/505
H01M 4/13
(11) EP3086389
(21) EP14873050.0
(47) 25.07.2018
(87) KR2014010220
25.06.2015
(22) 29.10.2014
(54) NON-AQUEOUS, HIGH CAPACITY CATHODE MATERIAL FOR LITHIUM SECONDARY BATTERY, AND METHOD FOR PREPARING SAME
(73) Korea Electronics Technology Institute
(72) SONG, Junho
KIM, Youngjun
KIM, Jeomsoo
CHO, Woosuk
WOO, Sanggil
YIM, Taeeun
LEE, Kyungjun
PARK, Yeonggwang
(31) 20130157608
(32) 17.12.2013
(33) Korea (Republic)

(51) C02F 1/24
C02F 1/38
B01D 53/50
B01D 53/64
B01D 53/80
C02F 101/20
C02F 103/18
(11) EP3081533
(21) EP16159392.6
(47) 25.07.2018
(22) 09.03.2016
(54) METHOD FOR SEPARATION OF MERCURY FROM WASHER SUSPENSIONS
(73) Andritz AG
(72) KRAMER, Michael
REISSNER, Harald
(31) 502982015
(32) 15.04.2015
(33) Austria

(51) C02F 1/48
B03C 1/033
B03C 1/28
C02F 103/02
(11) EP2969971
(21) EP14725278.7
(47) 25.07.2018
(87) US2014028239
25.09.2014
(22) 14.03.2014
(54) APPARATUS AND METHOD FOR APPLYING MAGNETIC FIELDS TO FLUID FLOWS
(73) HydroFlux Technology, LLC
(72) LOMBARDI, Michael R.
MORLEY, Neil B.
(31) 201361781898 P
(32) 14.03.2013
(33) United States of America

(51) C02F 3/28
(11) EP1984305
(21) EP07709122.1
(47) 25.07.2018
(87) NL2007000002
12.07.2007
(22) 05.01.2007
(54) PROCESS AND REACTOR FOR ANAEROBIC WASTE WATER PURIFICATION
(73) Veolia Water Solutions & Technologies Support
(72) VERSPRILLE, Abraham Izaak
LA VOS, Hendrik Richard Paul
(31) 06075015
(32) 05.01.2006
(33) European Patent Office (EPO)

(51) C02F 9/00
E04H 4/12
E04H 4/16
C02F 1/56
C02F 1/52
C02F 1/76
C02F 1/00
C02F 1/40
C02F 103/00
C02F 103/42
(11) EP3087037
(21) EP14835490.5
(47) 25.07.2018
(87) IB2014002891
18.06.2015
(22) 29.12.2014
(54) METHOD FOR MAINTAINING WATER QUALITY IN LARGE WATER BODIES
(73) Crystal Lagoons (Curaçao) B.V.
(72) FISCHMANN TORRES, Fernando Benjamin
(31) 201361915331 P
201414564957
(32) 12.12.2013
09.12.2014
(33) United States of America
United States of America

(51) C02F 103/00
C02F 1/78
B01J 19/08
C01B 13/11
(11) EP2888198
(21) EP12768884.4
(47) 25.07.2018
(87) GB2012052101
07.03.2013
(22) 24.08.2012
(54) OZONE GENERATOR
(73) Aqua21 Limited
(72) COSTELLO, Trevor Franklin

(51) C03B 7/00
C03B 7/16
C03B 9/195
(11) EP2960215
(21) EP15179026.8
(47) 25.07.2018
(22) 26.04.2013
(54) DEVICE FOR THE MANUFACTURE OF HOLLOW ARTICLES FROM A GLASS MELT
(73) Waltec Maschinen GmbH
(72) HÖFER, Britta
BASSING, Werner
HÖLLWARTH, Falk
GAREIS, Harald
WAGNER, Rainer
(31) 102012103773
(32) 27.04.2012
(33) Germany

(51) C03B 18/16
C03B 18/02
C03B 18/06
(11) EP2837605
(21) EP13797058.8

(47) 25.07.2018
(87) KR2013004774
05.12.2013
(22) 30.05.2013
(54) FLOAT BATH AND METHOD FOR MANUFACTURING FLOAT GLASS
(73) LG Chem, Ltd.
(72) MIN, Kyoung-Hoon
IM, Ye-Hoon
PARK, Su-Chan
(31) 20120057508
(32) 30.05.2012
(33) Korea (Republic)

(51) C03B 37/05
(11) EP2505567
(21) EP12162341.7
(47) 25.07.2018
(22) 30.03.2012
(54) Method for guiding gas flow in manufacture of mineral fibres and fiberising apparatus
(73) Paroc Group Oy
(72) Lindgren, Tommy
Åstrand, Erik
Walli, Bjarne
Talonen, Markku
Lundström, Kim
(31) 20115314
(32) 01.04.2011
(33) Finland

(51) C03C 4/02
C03C 1/00
C03C 1/10
C03B 25/00
C03B 29/00
C03B 32/00
(11) EP3122692
(21) EP15708729.7
(47) 25.07.2018
(87) EP2015000456
01.10.2015
(22) 26.02.2015
(54) METHOD FOR PRODUCING RED GLASS VESSELS
(73) Saint-Gobain Oberland AG
(72) ZIMMERMANN, Harald
AL HAMDAN, Khaled
(31) 102014004332
(32) 26.03.2014
(33) Germany

(51) C03C 17/00
C03C 17/30
C03C 17/32
C03C 17/42
C03C 21/00
B32B 17/06
B65D 25/14
C09D 179/08
(11) EP2925698
(21) EP13814279.9
(47) 25.07.2018
(87) US2013071473
05.06.2014
(22) 22.11.2013
(54) STRENGTHENED GLASS CONTAINERS RESISTANT TO DELAMINATION AND DAMAGE
(73) Corning Incorporated
(72) CHANG, Theresa
DANIELSON, Paul, Stephen
DEMARTINO, Steven, Edward
FADEEV, Andrei, Gennadyevich
MORENA, Robert, Michael
PAL, Santona
PEANASKY, John, Stephen
SCHAUT, Robert, Anthony
VENKATARAMAN, Natesan
VERKLEEREN, Ronald, Luce
TIMMONS, Christopher Lee
BOOKBINDER, Dana Craig
(31) 201261731783 P
201313780754
201313912457
201314075593
(32) 30.11.2012
28.02.2013
07.06.2013
08.11.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) C03C 17/36
(11) EP3148949
(21) EP15732814.7
(47) 25.07.2018
(87) FR2015051403
03.12.2015
(22) 27.05.2015
(54) MATERIAL COMPRISING A FUNCTIONAL LAYER MADE FROM SILVER, CRYSTALLISED ON A NICKEL OXIDE LAYER
(73) Saint-Gobain Glass France
(72) BROSSARD, Sophie
MARTIN, Florent
(31) 1454860
(32) 28.05.2014
(33) France

(51) C03C 17/42
(11) EP3140261
(21) EP15726233.8
(47) 25.07.2018
(87) FR2015051184
12.11.2015
(22) 04.05.2015
(54) TEMPERABLE ENAMELLED GLASS WITH IMPROVED MECHANICAL STRENGTH
(73) Saint-Gobain Glass France
(72) CLABAU, Frédéric
GARNIER, Louis
RACHET, Vincent
(31) 1454125
(32) 07.05.2014
(33) France

(51) C03C 21/00
C03C 23/00
C03C 3/097
C03C 3/091
C03C 3/112
C03C 10/00
C03C 4/00
C03C 4/02
(11) EP3038989
(21) EP14762173.4
(47) 25.07.2018
(87) US2014052816
05.03.2015
(22) 27.08.2014
(54) ION EXCHANGEABLE GLASS, GLASS-CERAMICS AND METHODS FOR MAKING THE SAME
(73) Corning Incorporated
(72) DEJNEKA, Matthew John
FU, Qiang
GROSS, Timothy Michael
GUO, Xiaoju
LIKITVANICHKUL, Sumalee
MAURO, John Christopher
(31) 201361871986 P
201462018737 P
(32) 30.08.2013
30.06.2014
(33) United States of America
United States of America

(51) C03C 23/00
C08J 7/00
G02B 6/12
(11) EP2819968
(21) EP13705240.3
(47) 25.07.2018
(87) GB2013050300
15.08.2013
(22) 08.02.2013
(54) NOVEL MATERIAL
(73) University of Leeds
(72) JOSE, Gin
FERNANDEZ, Toney Teddy
GRANT, Peter John
JHA, Animesh
SAHA, Sikha
STEENSON, David Paul
(31) 201202128
(32) 08.02.2012
(33) United Kingdom

(51) C03C 25/12
B05D 3/06
(11) EP2418183
(21) EP11176947.7
(47) 25.07.2018
(22) 09.08.2011
(54) Method for curing coated glass fibres providing increased UVLED intensitiy
(73) Draka Comteq B.V.
(72) Overton, Bob J.
(31) 372312 P
(32) 10.08.2010
(33) United States of America

(51) C03C 27/12
B32B 27/30
C08K 5/3435
C08L 31/04
B32B 27/42
B32B 17/10
B32B 27/08
B32B 27/18
B32B 27/22
C08K 5/13
C08K 5/103
C08K 5/521
C08K 5/49
(11) EP3124452
(21) EP15768966.2
(47) 25.07.2018

(87) JP2015059782
01.10.2015
(22) 27.03.2015
(54) INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS
(73) Sekisui Chemical Co., Ltd.
(72) IWAMOTO, Tatsuya
YOSHIDA, Shougo
(31) 2014069975
2014069976
(32) 28.03.2014
28.03.2014
(33) Japan
Japan

(51) C04B 28/06
F16L 58/06
(11) EP2978726
(21) EP14712642.9
(47) 25.07.2018
(87) EP2014055684
02.10.2014
(22) 21.03.2014
(54) CORROSION PROTECTION FOR CAST IRON PIPES
(73) Duktus Rohrsysteme Wetzlar GmbH
(72) KARAU, Friedrich
(31) 102013103038
(32) 25.03.2013
(33) Germany

(51) C04B 28/18
(11) EP3178798
(21) EP16201133.2
(47) 25.07.2018
(22) 29.11.2016
(54) POROUS CONCRETE AND METHOD FOR ITS PRODUCTION
(73) Rodgauer Baustoffwerke GmbH & Co. KG
(72) VOLKMANN, Stephan
KOLB, Walter
(31) 102015121553
(32) 10.12.2015
(33) Germany

(51) C04B 35/10
C04B 35/117
H01B 1/08
H01B 1/16
(11) EP2599757
(21) EP12195056.2
(47) 25.07.2018
(22) 30.11.2012
(54) SEMICONDUCTIVE CERAMIC SINTERED COMPACT
(73) TOTO LTD.
(72) Shimada, Shogo
Ushijima, Yasutaka
Teramoto, Atsushi
(31) 2011264389
2012206881
(32) 02.12.2011
20.09.2012
(33) Japan
Japan

(51) C04B 35/495
H01L 41/187
H04N 5/217
H01L 41/083
H02N 2/10
H02N 2/16
B41J 2/14
H01L 41/43
H01L 41/047
B06B 1/06
(11) EP3099649
(21) EP15706548.3
(47) 25.07.2018
(87) JP2015051588
06.08.2015
(22) 15.01.2015
(54) PIEZOELECTRIC CERAMIC, METHOD FOR PRODUCING THE SAME, PIEZOELECTRIC ELEMENT, MULTILAYER PIEZOELECTRIC ELEMENT, LIQUID EJECTION HEAD, LIQUID EJECTING APPARATUS, ULTRASONIC MOTOR, OPTICAL DEVICE, VIBRATING APPARATUS, DUST-REMOVING APPARATUS, IMAGING APPARATUS, AND ELECTRONIC DEVICE
(73) Canon Kabushiki Kaisha
(72) WATANABE, Takayuki
UEDA, Miki
HAYASHI, Jumpei
MIURA, Kaoru
(31) 2014014471
(32) 29.01.2014
(33) Japan

(51) C04B 35/573
C04B 35/626
C04B 35/628
C04B 35/636
C04B 35/80
F16D 65/12
(11) EP3124455
(21) EP16182028.7
(47) 25.07.2018
(22) 29.07.2016
(54) METHOD FOR THE PRODUCTION OF A FIBRE-REINFORCED CARBON-CERAMIC COMPOSITE MATERIAL
(73) Petroceramics S.p.A.
(72) VALLE, Massimiliano
DELLEDONNE, Lucia
(31) UB20152748
(32) 31.07.2015
(33) Italy

(51) C04B 41/85
B01D 39/00
B01D 39/20
B01D 46/00
C04B 41/87
B01D 46/24
B01J 35/04
C04B 41/00
C04B 41/50
C04B 111/00
C04B 35/195
F01N 3/28
(11) EP2098497
(21) EP07860078.0
(47) 25.07.2018
(87) JP2007074849
03.07.2008
(22) 25.12.2007
(54) CERAMIC HONEYCOMB STRUCTURE AND PROCESS FOR PRODUCING THE SAME
(73) Hitachi Metals, Ltd.
(72) OKAZAKI, Shunji
(31) 2006351700
(32) 27.12.2006
(33) Japan

(51) C04B 41/85
F01D 5/28
(11) EP3170801
(21) EP16199367.0
(47) 25.07.2018
(22) 17.11.2016
(54) METHOD TO PROTECT FEATURES DURING REPAIR CYCLE
(73) General Electric Company
(72) WEAVER, Jared Hogg
CORMAN, Gregory Scot
KEBBEDE, Anteneh
DUNN, Daniel Gene
MAGNANT, Jerome Geoffrey
(31) 201514945824
(32) 19.11.2015
(33) United States of America

(51) C04B 41/87
(11) EP2632877
(21) EP11778832.3
(47) 25.07.2018
(87) EP2011068657
03.05.2012
(22) 25.10.2011
(54) PROCESS FOR COATING A PART WITH AN OXIDATION-PROTECTIVE COATING
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
Centre National de la Recherche Scientifique
(72) ALLEMAND, Alexandre
SZWEDEK, Olivier
BIANCHI, Luc
LE PETITCORPS, Yann
(31) 1058711
(32) 25.10.2010
(33) France

(51) C04B 41/89
C04B 41/87
C23C 16/458
C30B 25/12
C30B 29/36
H01L 21/683
(11) EP2955167
(21) EP14748688.0
(47) 25.07.2018
(87) JP2014051821
14.08.2014
(22) 28.01.2014
(54) SILICON CARBIDE-TANTALUM CARBIDE COMPOSITE AND SUSCEPTOR
(73) Toyo Tanso Co., Ltd.
(72) SHINOHARA, Masato
(31) 2013021166
2013021167
2013021168
(32) 06.02.2013
06.02.2013
06.02.2013

(33) Japan
Japan
Japan

(51) C05G 5/00
C05C 9/00
C05G 3/00
(11) EP2310344
(21) EP09797290.5
(47) 25.07.2018
(87) CA2009000110
21.01.2010
(22) 30.01.2009
(54) CONTROLLED RELEASE FERTILIZER COMPOSITION
(73) Koch Agronomic Services, LLC
(72) OGLE, Jeffrey Michael
SIMS, Johnny Duran,
(31) 174322
(32) 16.07.2008
(33) United States of America

(51) C07C 11/06
C07C 1/20
C07C 7/04
C07C 7/08
C07C 2/66
C07C 15/02
C07C 5/10
C07C 13/18
C10G 3/00
C10G 45/44
C10G 69/12
C10G 7/00
C07C 41/09
C07C 43/04
C10G 29/20
(11) EP3106450
(21) EP15400024.4
(47) 25.07.2018
(22) 19.06.2015
(54) METHOD AND INSTALLATION FOR RECOVERING AND USING HIGHER OLEFINS IN OLEFIN SYNTHESIS FROM OXYGENATES
(73) L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(72) Bauer, Ingo
Rothämel, Martin

(51) C07C 17/12
C07C 17/358
C07C 25/02
(11) EP3207008
(21) EP15778279.8
(47) 25.07.2018
(87) EP2015073219
21.04.2016
(22) 08.10.2015
(54) PROCESS FOR THE PREPARATION OF 5-BROMO-1,2,3-TRICHLOROBENZENE
(73) Syngenta Participations AG
(72) SMITS, Helmars
(31) 14188742
(32) 14.10.2014
(33) European Patent Office (EPO)

(51) C07C 17/38
C07C 21/18
B01J 23/42
B01J 21/04
(11) EP2640682
(21) EP11841964.7
(47) 25.07.2018
(87) US2011060519
24.05.2012
(22) 14.11.2011
(54) PROCESS FOR PRODUCING 2,3,3,3-TETRAFLUOROPROPENE AND A PROCESS FOR PURIFYING 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE
(73) Honeywell International Inc.
(72) MERKEL, Daniel C.
POKROVSKI, Konstantin A.
TUNG, Hsueh S.
WANG, Haiyou
(31) 414074 P
201113281063
(32) 16.11.2010
25.10.2011
(33) United States of America
United States of America

(51) C07C 29/132
C07C 29/60
C07C 31/20
(11) EP3039002
(21) EP14758127.6
(47) 25.07.2018
(87) EP2014068350
05.03.2015
(22) 29.08.2014
(54) PROCESS FOR THE CONVERSION OF SACCHARIDE-CONTAINING FEEDSTOCK
(73) Shell Internationale Research Maatschappij B.V.
(72) VAN DER HEIDE, Evert
HUIZENGA, Pieter
(31) 13182406
(32) 30.08.2013
(33) European Patent Office (EPO)

(51) C07C 29/132
C07C 29/60
C07C 31/20
B01J 21/08
B01J 23/28
B01J 23/30
B01J 23/89
(11) EP3039001
(21) EP14755075.0
(47) 25.07.2018
(87) EP2014067885
05.03.2015
(22) 22.08.2014
(54) PROCESS FOR THE PREPARATION OF GLYCOLS
(73) Shell Internationale Research Maatschappij B.V.
(72) VAN DER HEIDE, Evert
HUIZENGA, Pieter
WAGLE, Govinda Subbanna
(31) 13181707
(32) 26.08.2013
(33) European Patent Office (EPO)

(51) C07C 29/92
C07C 31/22
(11) EP2294041
(21) EP09750159.7
(47) 25.07.2018
(87) IB2009005635
26.11.2009
(22) 18.05.2009
(54) METHOD OF PURIFYING CRUDE GLYCEROL
(73) Rhodia Poliamida E Especialidades Ltda
(72) MACRET, Richard
LOURENCO, Wagner Celio Ferraz
(31) 0802689
(32) 19.05.2008
(33) France

(51) C07C 35/08
C07C 49/403
C07C 29/132
C07C 45/53
(11) EP1841721
(21) EP06706658.9
(47) 25.07.2018
(87) EP2006001003
03.08.2006
(22) 17.01.2006
(54) PROCESS FOR PREPARING CYCLOHEXANONE AND CYCLOHEXANOL
(73) CAP III B.V.
(72) WYATT, Larry, Walker
(31) 05075184
05075185
(32) 25.01.2005
25.01.2005
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C07C 35/52
C07C 69/03
C07C 215/42
C07C 233/18
C07C 279/08
C07C 311/04
C07C 35/14
C07C 69/013
C07D 317/70
C07D 233/64
C07C 315/00
C07C 213/08
C07C 233/21
C07C 233/72
C07C 247/14
C07C 213/00
C07C 51/083
C07C 51/347
C07C 62/34
(11) EP3156387
(21) EP16001886.7
(47) 25.07.2018
(22) 15.04.2004
(54) METHOD OF PREPARING INDENE DERIVATIVES
(73) Aquinox Pharmaceuticals (Canada) Inc.
(72) RAYMOND, Jeffery R.
HAN, Kang
ZHOU, Yuanlin
HE, Yuehua
NOREN, Bradley
YEE, James, Gee, Ken
(31) 463216 P
(32) 15.04.2003
(33) United States of America

(51) C07C 37/20
(11) EP3243810
(21) EP17382258.6
(47) 25.07.2018
(22) 09.05.2017
(54) METHOD FOR PRODUCING A BISPHENOL
(73) SABIC Global Technologies B.V.
(72) GONZALEZ, Nathalie Vidal
GOUDSWAARD, Van, Alexander
(31) 16168830
(32) 10.05.2016
(33) European Patent Office (EPO)

(51) C07C 43/205
C07C 39/14
C07C 33/26
(11) EP2953918
(21) EP14720038.0
(47) 25.07.2018
(87) US2014033004
09.10.2014
(22) 04.04.2014
(54) ALKYL TRITYL PHENYL ETHERS
(73) Rohm and Haas Company
Dow Global Technologies, LLC
(72) BUTTERICK, Robert
GREEN, George David
SWEDO, Raymond
(31) 201361808672 P
(32) 05.04.2013
(33) United States of America

(51) C07C 45/00
C07C 47/21
C07B 61/00
(11) EP2977366
(21) EP14768415.3
(47) 25.07.2018
(87) JP2014055802
25.09.2014
(22) 06.03.2014
(54) METHOD FOR PRODUCING LAVANDULAL
(73) Kuraray Co., Ltd.
(72) SATO, Junko
(31) 2013056647
(32) 19.03.2013
(33) Japan

(51) C07C 45/50
C07C 45/78
B01J 31/18
B01J 31/24
(11) EP2855413
(21) EP13797967.0
(47) 25.07.2018
(87) US2013042992
05.12.2013
(22) 29.05.2013
(54) CATALYSTS AND PROCESSES FOR PREPARING ALDEHYDES
(73) Eastman Chemical Company
(72) BESSET, Tatiana Renee, Marie-louise
NORMAN, David, William
REEK, Joost Nicolaas, Hendrik
(31) 201213485033
(32) 31.05.2012
(33) United States of America

(51) C07C 45/63
C07C 49/80
C07C 45/46
(11) EP3207018
(21) EP15778278.0
(47) 25.07.2018
(87) EP2015073218
21.04.2016
(22) 08.10.2015
(54) PROCESS FOR THE PREPARATION OF 1-(3,5-DICHLORO-4-FLUORO-PHENYL)-2,2,2-TRIFLUORO-ETHANONE
(73) Syngenta Participations AG
(72) SMITS, Helmars
(31) 14188741
(32) 14.10.2014
(33) European Patent Office (EPO)

(51) C07C 51/363
C07C 53/19
C07C 227/08
C07C 229/08
(11) EP3030543
(21) EP14790193.8
(47) 25.07.2018
(87) FR2014052062
12.02.2015
(22) 07.08.2014
(54) HYDROBROMINATION METHOD
(73) Arkema France
(72) BERTHE, Bernard
PEES, Bernard
ANNOOT, Philippe
DUBOIS, Jean-Luc
ZOVI, Ornella
(31) 1357928
(32) 09.08.2013
(33) France

(51) C07C 67/22
C07C 69/734
C07C 257/06
(11) EP2325161
(21) EP09810067.0
(47) 25.07.2018
(87) JP2009065130
04.03.2010
(22) 24.08.2009
(54) METHOD FOR PRODUCING ALPHA-HYDROXYESTER COMPOUND
(73) Sumitomo Chemical Company, Limited
(72) ISHIDA, Hajime
HIROTA, Masaji
(31) 2008216358
2009012863
(32) 26.08.2008
23.01.2009
(33) Japan
Japan

(51) C07C 69/587
C07C 57/03
A61K 8/36
A61Q 5/00
A61K 45/06
A61K 31/19
A61K 31/22
A61K 31/575
C07C 279/14
C07J 9/00
A61Q 19/00
A61K 8/37
A61K 8/44
A61Q 1/14
A61K 8/63
A61Q 7/00
A61Q 17/04
(11) EP3116849
(21) EP15720265.6
(47) 25.07.2018
(87) EP2015054934
17.09.2015
(22) 10.03.2015
(54) COMPOUNDS WITH A COMBINED ANTIOXIDANT ACTIVITY AGAINST FREE RADICALS TOGETHER WITH AN ANTI-INFLAMMATORY ACTION, AND PHARMACEUTICAL AND COSMETIC COMPOSITIONS CONTAINING THEM FOR THE TREATMENT OF SKIN AND HAIR
(73) Giuliani S.p.A.
(72) GIULIANI, Giammaria
BENEDUSI, Anna
MARZANI, Barbara
BARONI, Sergio
PINI, Elena
GANDOLFI, Raffaella
(31) MI20140368
(32) 10.03.2014
(33) Italy

(51) C07C 69/732
C08G 65/332
C08L 75/04
C08K 5/134
C08J 9/00
C09K 15/32
C08K 5/1535
C08K 5/526
C08K 5/527
C09K 15/08
C08K 5/00
C08L 71/02
(11) EP3067343
(21) EP15158424.0
(47) 25.07.2018
(22) 10.03.2015
(54) Antioxidants for the preparation of low-emission polyurethane systems
(73) Evonik Degussa GmbH
(72) Krebs, Michael
Hubel, Roland

(51) C07C 69/75
C07C 225/28
(11) EP3131874
(21) EP14723345.6
(47) 25.07.2018
(87) EP2014057767
22.10.2015
(22) 16.04.2014
(54) NOVEL CANNABIDIOL QUINONE DERIVATIVES
(73) Emerald Health Pharmaceuticals Inc.
(72) APPENDINO, Giovanni
BELLIDO CABELLO DE ALBA, María Luz
MUÑOZ BLANCO, Eduardo

(51) C07C 201/08
C07C 45/63
C07C 205/45
C07C 49/80
C12N 9/10

(11) EP3207024
(21) EP15777676.6
(47) 25.07.2018
(87) EP2015073119
21.04.2016
(22) 07.10.2015
(54) PROCESS FOR THE PREPARATION OF HALO-SUBSTITUTED TRIFLUOROACETOPHENONES
(73) Syngenta Participations AG
(72) GRIBKOV, Denis
(31) 14188743
(32) 14.10.2014
(33) European Patent Office (EPO)

(51) C07C 201/16
C07C 205/06
(11) EP3060543
(21) EP14786934.1
(47) 25.07.2018
(87) EP2014072633
30.04.2015
(22) 22.10.2014
(54) METHOD FOR THE ACIDIC WASHING OF DINITROTOLUENE IN THE PRESENCE OF HYDROGEN CYANIDE
(73) Josef Meissner GmbH & Co. KG
BASF SE
(72) NETO, Samuel
FRITZ, Rüdiger
HEMPEL, Renate
ALLARDT, Holger
DAI, Yuanshen
BECKER, Barbara
AHRENS, Sebastian
LESCHINSKI, Julia
HERMANN, Heinrich
HÄNDEL, Mirko
PÖHLMANN, Jürgen
(31) 13189687
(32) 22.10.2013
(33) European Patent Office (EPO)

(51) C07C 205/50
A61K 31/201
A61P 7/00
A61P 9/00
A61P 13/00
A61P 15/00
A61P 17/00
A61P 19/00
A61P 25/00
(11) EP2280928
(21) EP09739186.6
(47) 25.07.2018
(87) US2009002628
05.11.2009
(22) 30.04.2009
(54) VINYL SUBSTITUTED FATTY ACIDS
(73) Complexa Inc.
University of Pittsburgh - Of the Commonwealth System of Higher Education
(72) FREEMAN, Bruce, A.
BRANCHAUD, Bruce
(31) 49649
(32) 01.05.2008
(33) United States of America

(51) C07C 217/44
C07D 401/12
C07D 413/12
C07D 211/14
C07D 295/096
A61K 31/13
A61K 31/415
A61K 31/435
A61P 25/00
(11) EP3027587
(21) EP14744558.9
(47) 25.07.2018
(87) EP2014066223
05.02.2015
(22) 29.07.2014
(54) 1,2-DISUBSTITUTED CYCLOBUTYL COMPOUNDS
(73) Laboratorios del. Dr. Esteve, S.A.
(72) TORRENS JOVER, Antoni
ORTUÑO-MINGARRO, Rosa Mª
PERICAS-CANO, Àlex
FERRER-MALLOFRÈ, Èric
(31) 13382310
(32) 30.07.2013
(33) European Patent Office (EPO)

(51) C07C 229/12
C07C 229/24
C07D 207/16
C12Q 1/68
(11) EP2718260
(21) EP12727204.5
(47) 25.07.2018
(87) US2012041688
13.12.2012
(22) 08.06.2012
(54) DESIGN AND DEVELOPMENT OF NOVEL DETERGENTS FOR USE IN PCR SYSTEMS
(73) Life Technologies Corporation
(72) ANGRISH, Parul
YANG, Zhiwei
WANG, Jonathan
(31) 201161494812 P
(32) 08.06.2011
(33) United States of America

(51) C07C 229/34
C07C 229/14
C07D 451/14
C07D 211/34
C07D 211/60
C07D 211/62
A61K 31/381
A61K 31/122
A61K 31/661
A61P 25/00
A61P 25/02
A61P 37/00
A61P 37/02
A61P 11/00
A61P 11/06
(11) EP2879673
(21) EP13828402.1
(47) 25.07.2018
(87) US2013053669
13.02.2014
(22) 05.08.2013
(54) 1,5,6-substituted naphthalene derivatives as sphingosine 1 phosphate (S1P) receptor and/or autotaxin (ATX) modulators for treating inflammatory and autoimmune disorders
(73) Biogen MA Inc.
(72) GUCKIAN, Kevin
KUMARAVEL, Gnanasambandam
MA, Bin
SUN, Lihong
XIN, Zhili
ZHANG, Lei
(31) 201261679992 P
(32) 06.08.2012
(33) United States of America

(51) C07C 251/24
G01N 33/543
(11) EP2966059
(21) EP15162182.8
(47) 25.07.2018
(22) 11.05.2006
(54) OLIGO-DNA CHIP COMPRISING A SELF-ASSEMBLED MONOLAYER AND AN OLIGO-DNA AND METHOD OF PREPARATION THEREOF
(73) Biometrix Technology Inc.
(72) Kim, Tae Sun
Song, Keum Soo
Kim, Jung Hoon
Kim, Hyung Sub
(31) 20050096322
20050105340
(32) 13.10.2005
04.11.2005
(33) Korea (Republic)
Korea (Republic)

(51) C07C 253/34
B01J 25/00
B01J 31/24
C07C 209/26
C07C 209/48
C07C 211/19
C07C 253/30
C07C 255/47
C07C 263/10
C07C 265/14
C07B 61/00
(11) EP2918577
(21) EP13853532.3
(47) 25.07.2018
(87) JP2013080315
15.05.2014
(22) 08.11.2013
(54) METHOD FOR OBTAINING A PURIFIED ALDEHYDE COMPOUND
(73) Mitsui Chemicals, Inc.
(72) KAKINUMA, Naoyuki
FURUYA, Masayuki
SAKATA, Michiharu
TOKUNAGA, Koichi
KUMA, Shigetoshi
(31) 2012247464
(32) 09.11.2012
(33) Japan

(51) C07C 271/28
C07C 275/40
C08L 67/00
C08L 79/08
C08K 5/29
(11) EP3018124
(21) EP14191710.4
(47) 25.07.2018
(22) 04.11.2014

(54) New carbodiimides, method for their manufacture and use of same
(73) LANXESS Deutschland GmbH
(72) Laufer, Wilhelm
Wenzel, Volker
(51) C07C 271/42
C07C 271/58
(11) EP2792673
(21) EP14168407.6
(47) 25.07.2018
(22) 14.11.2008
(54) Carbamic acid ester derivatives for the production of isocyanate and aromatic hydroxy compounds
(73) Asahi Kasei Kabushiki Kaisha
(72) Shinohata, Masaaki
Miyake, Nobuhisa
(31) 2007299703
2007299497
2007299504
(32) 19.11.2007
19.11.2007
19.11.2007
(33) Japan
Japan
Japan
(51) C07C 305/20
(11) EP2630120
(21) EP11778981.8
(47) 25.07.2018
(87) IB2011054666
26.04.2012
(22) 19.10.2011
(54) DIASTEREOSELECTIVE PREPARATION OF BICYCLO[2.2.2]OCTAN-2-ONE COMPOUNDS
(73) Idorsia Pharmaceuticals Ltd
(72) ABELE, Stefan
FUNEL, Jacques-Alexis
(31) PCT/IB2010/054743
(32) 20.10.2010
(33) World Intellectual Property Office (WIPO)
(51) C07C 319/24
C07C 323/12
C10M 135/24
(11) EP3080079
(21) EP14816166.4
(47) 25.07.2018
(87) EP2014076983
18.06.2015
(22) 09.12.2014
(54) OXIDATION OF 2-MERCAPTOETHANOL
(73) BASF SE
(72) VAUTRAVERS, Nicolas
TELES, Joaquim Henrique
(31) 13196578
(32) 11.12.2013
(33) European Patent Office (EPO)
(51) C07D 209/42
A61K 31/404
A61P 35/00
A61P 29/00
(11) EP3004057
(21) EP14806807.5
(47) 25.07.2018
(87) KR2014004947
11.12.2014
(22) 03.06.2014
(54) HETEROCYCLIC DERIVATIVES AND THEIR USE AS STAT 3 INHIBITORS
(73) C&C Research Laboratories
(72) PARK, Chan Hee
LEE, Sang Hwi
IM, Junhwan
LEE, Soon Ok
KIM, Hoe Moon
MOON, Sung Hyun
KIM, Seunghee
KIM, Jongmin
KO, Kwang Seok
CHOI, Bu Young
KIM, Byungho
(31) 20130064972
(32) 05.06.2013
(33) Korea (Republic)
(51) C07D 211/08
C07D 217/16
C07D 231/18
C07D 233/84
C07D 265/30
C07D 277/36
C07D 307/64
C07D 311/58
C07D 333/34
C07D 401/12
C07D 403/12
C07D 413/12
C07D 295/192
A61K 31/18
A61P 29/00
(11) EP2344456
(21) EP09785009.3
(47) 25.07.2018
(87) GB2009002075
04.03.2010
(22) 27.08.2009
(54) NOVEL POTASSIUM CHANNEL BLOCKER
(73) Japan Tobacco Inc.
(72) JOHN, Derek, Edward
MULLA, Mushtaq
HAMLYN, Richard, John
JONES, Simon, Mark
POLLARD, Derek, Roland
HARTZOULAKIS, Basil
PAYNE, Helen
MADGE, David
FORD, John
(31) 0815781
93225 P
(32) 29.08.2008
29.08.2008
(33) United Kingdom
United States of America
(51) C07D 211/60
C07D 498/08
C12P 7/42
C07B 61/00
C07K 14/21
C12N 15/09
(11) EP2889288
(21) EP13864003.2
(47) 25.07.2018
(87) JP2013084097
26.06.2014
(22) 19.12.2013
(54) METHOD FOR PRODUCING cis-5-HYDROXY-2-PIPERIDINECARBOXYLIC ACID DERIVATIVE, AND METHOD FOR PURIFYING cis-5-HYDROXY-2-PIPERIDINECARBOXYLIC ACID
(73) API Corporation
(72) MAEDA, Tomoko
UEHARA, Hisatoshi
SAITO, Yasuyo
MURAI, Masato
(31) 2012278314
(32) 20.12.2012
(33) Japan
(51) C07D 213/127
C07F 7/00
C07D 213/30
C08F 4/16
C08F 4/76
(11) EP3143006
(21) EP15726796.4
(47) 25.07.2018
(87) US2015030529
19.11.2015
(22) 13.05.2015
(54) SYNTHESIS OF ARYL COUPLED BIS PHENOXIDES AND THEIR USE IN OLEFIN POLYMERIZATION CATALYST SYSTEMS WITH ACTIVATOR-SUPPORTS
(73) Chevron Phillips Chemical Company LP
(72) HLAVINKA, Mark L
(31) 201414277915
(32) 15.05.2014
(33) United States of America
(51) C07D 213/60
C07D 401/04
C07D 401/12
C07D 405/12
C07D 413/12
C07D 417/12
C07D 471/04
C07D 487/04
A61K 31/4353
A61K 31/4427
A61K 31/506
A61K 31/519
A61P 35/00
(11) EP3124472
(21) EP16167542.6
(47) 25.07.2018
(22) 31.12.2011
(54) FUSED TRICYCLIC COMPOUNDS AS RAF KINASE INHIBITORS
(73) BeiGene, Ltd.
(72) ZHOU, Changyou
WANG, Shaohui
ZHANG, Guoliang
(51) C07D 213/81
C07C 233/56
A23L 27/20
(11) EP3235811
(21) EP17174409.7
(47) 25.07.2018
(22) 19.04.2007
(54) PROCESS OF PREPARING OXALAMIDES
(73) Senomyx, Inc.
(72) SHIGEMURA, Rhondi

CHEN, Qing
DARMOHUSODO, Vincent
DEAN, Aaron, R.
(31) 793844 P
847632 P
(32) 21.04.2006
27.09.2006
(33) United States of America
United States of America

(51) C07D 261/20
(11) EP2970156
(21) EP14762832.5
(47) 25.07.2018
(87) US2014029004
18.09.2014
(22) 14.03.2014
(54) SUBSTITUTED BENZOXAZOLES AND METHODS OF USE THEREOF
(73) Genentech, Inc.
Xenon Pharmaceuticals Inc.
(72) CHEN, Chien-An
CHOWDHURY, Sultan
DEHNHARDT, Christoph Martin
SUN, Shaoyi
(31) PCT/CN2013/072689
(32) 15.03.2013
(33) World Intellectual Property Office (WIPO)

(51) C07D 265/36
A61K 31/538
A61P 9/00
(11) EP3112354
(21) EP16178154.7
(47) 25.07.2018
(22) 08.08.2013
(54) METHOD FOR PRODUCING 1,4-BENZOXAZINE COMPOUND
(73) Mitsubishi Tanabe Pharma Corporation
(72) Okabe, Tomoyuki
Hamada, Takeshi
Tomikawa, Kaori
Okamoto, Yukie
Iijima, Toru
Akatsuka, Hidenori
Toyama, Kenichi
Moroda, Atsushi
Sugiura, Yoshihiro
(31) 2012176217
2013007041
(32) 08.08.2012
18.01.2013
(33) Japan
Japan

(51) C07D 277/56
C07D 333/38
C07D 333/48
C07D 409/12
C07D 409/14
C07D 413/12
C07D 417/12
C07D 417/14
C07D 471/04
C07D 487/04
A61K 31/496
A61P 3/10
A61P 9/12
A61P 29/00
(11) EP3077380
(21) EP14808938.6
(47) 25.07.2018
(87) EP2014076263
11.06.2015
(22) 02.12.2014
(54) THIENOMETHYLPIPERAZINE DERIVATIVES AS INHIBITORS OF SOLUBLE EPOXIDE HYDROLASE
(73) SANOFI
(72) MENDEZ-PEREZ, Maria
BREITSCHOPF, Kristin
LORENZ, Katrin
STROBEL, Hartmut
WANG, Li-hsing
SCHIFFER, Alexander
GOERLITZER, Jochen
(31) 13306663
(32) 04.12.2013
(33) European Patent Office (EPO)

(51) C07D 277/82
A61K 31/428
A61K 31/496
A61K 31/5377
A61K 35/34
A61L 27/00
A61P 9/00
A61P 43/00
C12N 5/077
C07D 513/14
C07D 513/04
C07D 495/04
(11) EP2808383
(21) EP13740826.6
(47) 25.07.2018
(87) JP2013051644
01.08.2013
(22) 25.01.2013
(54) METHOD FOR INDUCING CARDIAC DIFFERENTIATION OF PLURIPOTENT STEM CELL
(73) Kyoto University
(72) NAKATSUJI, Norio
MINAMI, Itsunari
UESUGI, Motonari
AIBA, Kazuhiro
(31) 201261591805 P
(32) 27.01.2012
(33) United States of America

(51) C07D 279/28
A61K 31/5415
A61P 25/18
(11) EP2749556
(21) EP14000056.3
(47) 25.07.2018
(22) 02.01.2014
(54) An improved process for the preparation of pure cyamemazine and salts thereof
(73) Micro Labs Limited
(72) Annem, Chandrahasa Reddy
Patel, Pareshkumar Kashavial
Kumar, Pramod
Gajula, Madhusudana Rao
Alla, Srinivasa Reddy
(31) CH54342012
(32) 24.12.2012
(33) India

(51) C07D 301/10
B01J 23/96
B01J 38/02
(11) EP2649057
(21) EP11802237.5
(47) 25.07.2018
(87) US2011063511
14.06.2012
(22) 06.12.2011
(54) PROCESS FOR IMPROVING THE SELECTIVITY OF AN EO CATALYST
(73) Shell Internationale Research Maatschappij B.V.
(72) EVANS, Wayne Errol
HESS, Martin Lysle
KOBE, Jeffrey Michael
MATUSZ, Marek
(31) 420844 P
(32) 08.12.2010
(33) United States of America

(51) C07D 305/14
(11) EP2768819
(21) EP12783910.8
(47) 25.07.2018
(87) EP2012070773
25.04.2013
(22) 19.10.2012
(54) CABAZITAXEL, RELATED COMPOUNDS AND METHODS OF SYNTHESIS
(73) Shanghai Bioman Pharma Limited
BN Pharmaceuticals Inc.
(72) ZHENG, Yunman
XU, Tianhui
NAIDU, Ragina
(31) 201110318046
(32) 19.10.2011
(33) China

(51) C07D 307/48
C07D 307/46
C07D 307/50
(11) EP2709994
(21) EP12723154.6
(47) 25.07.2018
(87) EP2012059193
22.11.2012
(22) 16.05.2012
(54) PROCESS FOR THE PREPARATION OF 5-HYDROXYMETHYLFURFURAL
(73) UNIVERSITE CLAUDE BERNARD - LYON 1
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)
(72) ESSAYEM, Nadine
LOPES DE SOUZA, Rodrigo
RATABOUL, Franck
(31) 1154232
(32) 16.05.2011
(33) France

(51) C07D 311/74
C07D 307/79
C11B 9/00
(11) EP3026048
(21) EP14195235.8
(47) 25.07.2018
(22) 27.11.2014
(54) Hexahydrobenzofurans and hexahydrochromenes - method for production and their use as fragrance compounds
(73) Symrise AG
(72) Hölscher, Bernd

Panten, Johannes
Surburg, Horst

(51) C07D 323/06
(11) EP2782908
(21) EP12788604.2
(47) 25.07.2018
(87) EP2012073543
30.05.2013
(22) 23.11.2012
(54) PROCESS FOR PRODUCING A CYCLIC ACETAL IN A HETEROGENEOUS REACTION SYSTEM
(73) Celanese Sales Germany GmbH
(72) HAUBS, Michael
FEORD, Damian
JONI, Sianturi
KURZ, Klaus
LINGNAU, Jürgen
(31) 11190567
11190574
11190586
(32) 24.11.2011
24.11.2011
24.11.2011
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)

(51) C07D 327/02
C07D 331/02
C08G 75/08
G02B 1/04
C08G 18/38
(11) EP3225622
(21) EP16772039.0
(47) 25.07.2018
(87) JP2016056151
06.10.2016
(22) 01.03.2016
(54) NOVEL CYCLIC COMPOUND AND OPTICAL MATERIAL COMPOSITION INCLUDING SAME
(73) Mitsubishi Gas Chemical Company, Inc.
(72) KARIYAZONO, Kazuki
AOKI, Takashi
(31) 2015065894
(32) 27.03.2015
(33) Japan

(51) C07D 401/02
A61K 31/40
A61K 31/42
A61K 31/44
C07D 213/75
C07D 261/14
C07D 401/10
C07D 401/12
C07D 239/42
C07D 417/00
C07D 417/10
C07D 487/04
C07D 263/48
C07D 491/04
C07D 271/113
C07D 513/04
C07D 211/56
C07D 295/26
C07D 417/12
(11) EP2862859
(21) EP14180082.1
(47) 25.07.2018
(22) 16.06.2005
(54) COMPOUNDS, COMPOSITIONS AND METHODS
(73) Cytokinetics, Inc.
(72) Morgan, Bradley P.
Muci, Alex
Lu, Pu-Ping
Kraynack, Erica
Tochimoto, Todd
Morgans, David
(31) 581197 P
(32) 17.06.2004
(33) United States of America

(51) C07D 401/04
C07D 409/04
A61K 31/4709
A61K 31/496
A61P 35/00
A61P 35/02
(11) EP2964625
(21) EP14760944.0
(47) 25.07.2018
(87) CA2014000121
12.09.2014
(22) 18.02.2014
(54) QUINOLINE SULFONYL DERIVATIVES AND USES THEREOF
(73) Health Sciences North Research Institute
(72) LEE, Hoyun
SOLOMON, Viswas Raja
PUNDIR, Sheetal
(31) 201361772032 P
(32) 04.03.2013
(33) United States of America

(51) C07D 401/06
A61K 31/4465
A61P 1/00
(11) EP2956450
(21) EP14709889.1
(47) 25.07.2018
(87) EP2014052946
21.08.2014
(22) 14.02.2014
(54) HYDROXYINDALPINE DERIVATIVES AND THEIR MEDICAL USE
(73) Technische Universität München
(72) SKERRA, Arne
MÜLLER, Michael
SCHEMANN, Michael
BERGER, Thomas
(31) 13155252
(32) 14.02.2013
(33) European Patent Office (EPO)

(51) C07D 401/12
C07D 401/10
C07D 403/04
C07D 403/10
C07D 405/12
C07D 407/12
C07D 409/10
C07D 409/12
C07D 413/10
C07D 471/04
C07D 207/36
C07D 403/12
A61K 31/4439
A61K 31/4704
A61K 31/4725
(11) EP2970193
(21) EP14718832.0
(47) 25.07.2018
(87) US2014024508
09.10.2014
(22) 12.03.2014
(54) PYRROLE AMIDE INHIBITORS
(73) AbbVie Inc.
(72) HASVOLD, Lisa, A.
LIU, Dachun
PRATT, John, K.
SHEPPARD, George, S.
MCDANIEL, Keith, F.
ELMORE, Steven, W.
HUBBARD, Robert, D.
(31) 201361777749 P
(32) 12.03.2013
(33) United States of America

(51) C07D 403/12
A61K 31/506
A61K 31/517
C07D 239/90
A61P 35/00
A61P 37/00
A61P 29/00
(11) EP2935246
(21) EP13818961.8
(47) 25.07.2018
(87) US2013077315
26.06.2014
(22) 20.12.2013
(54) ISOQUINOLINONE OR QUINAZOLINONE PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS
(73) Gilead Calistoga LLC
(72) EVARTS, Jerry
PATEL, Leena
KAPLAN, Joshua
TREIBERG, Jennifer, A.
PERREAULT, Stephane
PHILLIPS, Gary
(31) 201261745437 P
(32) 21.12.2012
(33) United States of America

(51) C07D 405/04
C07D 401/04
C07D 211/78
C07D 213/62
C07D 213/61
(11) EP2582690
(21) EP11795304.2
(47) 25.07.2018
(87) IN2011000388
22.12.2011
(22) 09.06.2011
(54) PROCESS FOR PREPARATION OF 2, 3-DIARYL-5-SUBSTITUTED PYRIDINES AND THEIR INTERMEDIATES
(73) Glenmark Generics Limited
(72) DSOUZA, Francis, Paul
CRASTO, Anthony, Melvin
GHARPURE, Milind
NAYKODI, Sachin Bhagwan
(31) 1812MU2010
(32) 16.06.2010
(33) India

(51) C07D 409/04
A61K 31/33
A61P 25/00
(11) EP2367818
(21) EP09756467.8
(47) 25.07.2018
(87) EP2009065220
27.05.2010
(22) 16.11.2009
(54) 8-AZABICYCLO[3.2.1]OCT-2-ENE DERIVATIVES AND THEIR USE AS MONO-AMINE NEUROTRANSMITTER RE-UPTAKE INHIBITORS
(73) Initiator Pharma A/S
(72) PETERS, Dan
JONES, David, Spencer
NIELSEN, Elsebet, Østergaard
(31) 200801607
116004 P
(32) 18.11.2008
19.11.2008
(33) Denmark
United States of America

(51) C07D 409/10
C07D 307/77
C09K 11/06
C07D 409/04
H01L 51/50
(11) EP3075731
(21) EP15193432.0
(47) 25.07.2018
(22) 06.11.2015
(54) PHENANTHRO[4,5-BCA]FURAN COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING THE SAME
(73) Samsung Display Co., Ltd.
(72) KIM, Jongwoo
KIM, Youngkook
LIM, Jino
HWANG, Seokhwan
(31) 20150044395
(32) 30.03.2015
(33) Korea (Republic)

(51) C07D 413/04
C07D 413/14
A61K 31/4245
A61P 37/00
(11) EP2250165
(21) EP08864598.1
(47) 25.07.2018
(87) EP2008067776
02.07.2009
(22) 17.12.2008
(54) TRIAZOLE OXADIAZOLES DERIVATIVES
(73) Merck Serono S.A.
(72) QUATTROPANI, Anna
CLEVA, Christophe
SEBILLE, Eric
SCHWARZ, Matthias
MARIN, Delphine
BOMBRUN, Agnès
BLACKABY, Wesley
ROUSE, Craig
KNIGHT, Chris
BAKER-GLENN, Charles
(31) 07150311
66385
(32) 21.12.2007
20.02.2008
(33) European Patent Office (EPO)
United States of America

(51) C07D 471/04
C07D 495/04
C07D 487/14
C07D 519/00
A61K 31/5517
(11) EP2708540
(21) EP12782805.1
(47) 25.07.2018
(87) JP2012061957
15.11.2012
(22) 10.05.2012
(54) PYRIMIDO-DIAZEPINONE COMPOUND
(73) Kyowa Hakko Kirin Co., Ltd.
(72) OTSUBO, Nobumasa
OKAZAKI, Shuko
TSUKUMO, Yukihito
IIDA, Kyoichiro
NAKOJI, Masayoshi
(31) 2011105083
(32) 10.05.2011
(33) Japan

(51) C07D 471/08
C07D 471/10
C07D 491/20
A61K 31/439
A61P 25/04
A61P 25/22
(11) EP2966074
(21) EP13877360.1
(47) 25.07.2018
(87) JP2013077886
12.09.2014
(22) 15.10.2013
(54) MORPHINAN DERIVATIVE
(73) Nippon Chemiphar Co., Ltd.
The Kitasato Institute
(72) NAGASE, Hiroshi
FUJII, Hideaki
NAKATA, Eriko
WATANABE, Yoshikazu
SAITO, Daisuke
TAKAHASHI, Toshihiro
(31) 2013047325
(32) 08.03.2013
(33) Japan

(51) C07D 487/04
A01N 43/90
(11) EP3207044
(21) EP15780882.5
(47) 25.07.2018
(87) EP2015073856
21.04.2016
(22) 15.10.2015
(54) PESTICIDALLY ACTIVE TETRACYCLIC HETEROCYCLIC DERIVATIVES WITH SULPHUR CONTAINING SUBSTITUENTS
(73) Syngenta Participations AG
(72) EDMUNDS, Andrew
JEANGUENAT, André
JUNG, Pierre Joseph Marcel
MUEHLEBACH, Michel
(31) 14189186
(32) 16.10.2014
(33) European Patent Office (EPO)

(51) C07D 487/04
C07C 215/44
C07C 217/52
C07C 219/24
C07D 211/96
C07D 213/89
C07D 241/50
C07D 295/22
C07D 471/08
C07B 45/04
C07C 311/45
C07C 317/38
(11) EP2540727
(21) EP12172365.4
(47) 25.07.2018
(22) 01.08.2008
(54) SULFAMOYLATING REAGENT
(73) MILLENNIUM PHARMACEUTICALS, INC.
(72) Elliot, Eric L.
Langston, Marianne
McCubbin, Quentin J.
Zhu, Lei
(31) 963008 P
62378 P
(32) 02.08.2007
25.01.2008
(33) United States of America
United States of America

(51) C07D 487/10
A61K 31/407
A61P 25/00
(11) EP2951186
(21) EP14704255.0
(47) 25.07.2018
(87) US2014013626
07.08.2014
(22) 29.01.2014
(54) SPIRO-LACTAM NMDA RECEPTOR MODULATORS AND USES THEREOF
(73) Aptinyx Inc.
(72) LOWE, John A., III
KHAN, M. Amin
(31) 201361757939 P
(32) 29.01.2013
(33) United States of America

(51) C07D 489/08
C07D 489/12
(11) EP2763996
(21) EP12775287.1
(47) 25.07.2018
(87) GB2012052423
11.04.2013
(22) 01.10.2012
(54) PROCESS FOR PREPARING BUPRENORPHINE
(73) Johnson Matthey PLC
(72) ARCHER, Nicolas
AUGUST, David
BEASE, Michael
JAMIESON,Barbara
MARMOR, Robert S.
(31) 201161542491 P
(32) 03.10.2011
(33) United States of America

(51) C07D 491/08

C07D 453/06
C07D 471/08
C07D 487/08
C07D 491/18
A61K 31/506
A61P 31/12
(11) EP2997032
(21) EP14724735.7
(47) 25.07.2018
(87) EP2014060034
20.11.2014
(22) 16.05.2014
(54) 6-BRIDGED HETEROARYLDIHYDROPYRIMIDINES FOR THE TREATMENT AND PROPHYLAXIS OF HEPATITIS B VIRUS INFECTION
(73) F.Hoffmann-La Roche AG
(72) GUO, Lei
HU, Taishan
HU, Yimin
KOCER, Buelent
KOU, Buyu
LI, Gangqin
LIN, Xianfeng
LIU, Haixia
SHEN, Hong
SHI, Houguang
WU, Guolong
ZHANG, Zhisen
ZHOU, Mingwei
ZHU, Wei
(31) PCT/CN2013/075815
PCT/CN2014/075392
(32) 17.05.2013
15.04.2014
(33) World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)

(51) C07D 495/04
A01N 43/90
(11) EP3209668
(21) EP15793723.6
(47) 25.07.2018
(87) EP2015074507
28.04.2016
(22) 22.10.2015
(54) SUBSTITUTED PYRIDINE COMPOUNDS HAVING HERBICIDAL ACTIVITY
(73) BASF SE
(72) BESONG, Gilbert
WITSCHEL, Matthias
SEITZ, Thomas
PARRA RAPADO, Liliana
EVANS, Richard
HANZLIK, Kristin
KRAEMER, Gerd
RACK, Michael
(31) 14190364
(32) 24.10.2014
(33) European Patent Office (EPO)

(51) C07D 495/04
A61K 31/519
A61K 31/55
A61P 3/10
(11) EP2786998
(21) EP12853993.9
(47) 25.07.2018
(87) CN2012001422
06.06.2013
(22) 23.10.2012
(54) THIENYL [3, 2-D]PYRIMIDIN-4-ONE COMPOUNDS, PREPARATION METHOD, PHARMACEUTICAL COMPOSITIONS AND USE THEREOF
(73) Shanghai Institute of Materia Medica, Chinese Academy of Sciences
Cisen Pharmaceutical Co., Ltd.
(72) LIU, Hong
LI, Jia
LI, Jian
LI, Jingya
WANG, Jiang
SU, Mingbo
LIAN, Jie
JIANG, Hualiang
CHEN, Kaixian
(31) 201110393905
201210262331
(32) 01.12.2011
26.07.2012
(33) China
China

(51) C07D 498/04
C07D 513/04
C07D 519/00
A61K 31/424
A61K 31/429
A61K 31/4353
A61P 31/04
(11) EP2991992
(21) EP14726420.4
(47) 25.07.2018
(87) IB2014061099
06.11.2014
(22) 30.04.2014
(54) QUINOLONE DERIVATIVES
(73) Idorsia Pharmaceuticals Ltd
(72) ENDERLIN-PAPUT, Stephanie
HUBSCHWERLEN, Christian
RUEEDI, Georg
ZUMBRUNN, Cornelia
(31) PCT/IB2013/053472
(32) 02.05.2013
(33) World Intellectual Property Office (WIPO)

(51) C07D 513/04
A61K 31/519
A61P 25/00
(11) EP3055315
(21) EP14781878.5
(47) 25.07.2018
(87) EP2014071522
16.04.2015
(22) 08.10.2014
(54) THIAZOLOPYRIMIDINONES AS MODULATORS OF NMDA RECEPTOR ACTIVITY
(73) F. Hoffmann-La Roche AG
(72) YU, Jiang
WU, Guosheng
YUEN, Po-Wai
VILLEMURE, Elisia
SCHWARZ, Jacob
LY, Cuong
SELLERS, Benjamin
VOLGRAF, Matthew
(31) PCT/CN2013/085031
PCT/CN2014/085959
(32) 11.10.2013
05.09.2014
(33) World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)

(51) C07J 43/00
A61K 31/58
A61P 35/00
(11) EP2999475
(21) EP14807137.6
(47) 25.07.2018
(87) US2014041002
11.12.2014
(22) 05.06.2014
(54) IMIDAZOLYL PROGESTERONE ANTAGONISTS
(73) Evestra, Inc.
(72) NICKISCH, Klaus
ELGER, Walter
SANTHAMMA, Bindu
(31) 201313910273
(32) 05.06.2013
(33) United States of America

(51) C07K 1/04
C07K 1/02
(11) EP2768842
(21) EP12772951.5
(47) 25.07.2018
(87) EP2012070454
25.04.2013
(22) 16.10.2012
(54) METHOD FOR SYNTHESIZING PROTEINS
(73) Centre National de la Recherche Scientifique (CNRS)
(72) MELNYK, Oleg
RAIBAUT, Laurent
AUCAGNE, Vincent
DELMAS, Agnès
(31) 1159348
(32) 17.10.2011
(33) France

(51) C07K 1/20
C07K 1/22
C07K 14/47
(11) EP2800757
(21) EP13700036.0
(47) 25.07.2018
(87) EP2013050169
11.07.2013
(22) 07.01.2013
(54) AFFINITY TAG SYSTEM
(73) University College Dublin
(72) O'CONNELL, David
LINSE, Sara Snogerup
THULIN, Eva
MERINO, Alejandro
(31) 12150412
(32) 06.01.2012
(33) European Patent Office (EPO)

(51) C07K 7/06
C07K 7/08
(11) EP3013850
(21) EP14736462.4
(47) 25.07.2018
(87) IL2014050567
31.12.2014
(22) 24.06.2014

(54) GLYCOGEN SYNTHASE KINASE-3 INHIBITORS
(73) Ramot at Tel-Aviv University Ltd.
Yeda Research and Development Co. Ltd.
(72) ELDAR-FINKELMAN, Hagit
EISENSTEIN, Miriam
LICHT-MURAVA, Avital
(31) 201361838347 P
(32) 24.06.2013
(33) United States of America

(51) C07K 7/08
C07K 7/64
(11) EP3152224
(21) EP15730627.5
(47) 25.07.2018
(87) US2015034859
17.12.2015
(22) 09.06.2015
(54) ANTIMICROBIAL PEPTIDES, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF
(73) THE UNITED STATES OF AMERICA, represented by the S
(72) ZHENG, Jie
KNOLHOFF, Ann Marie
BROWN, Eric Wayne
CROLEY, Timothy Ray
(31) 201462009467 P
(32) 09.06.2014
(33) United States of America

(51) C07K 7/54
A61K 38/12
(11) EP2970388
(21) EP14719988.9
(47) 25.07.2018
(87) US2014028590
18.09.2014
(22) 14.03.2014
(54) PEPTIDE COMPOSITIONS
(73) Rhythm Pharmaceuticals, Inc.
(72) SHARMA, Shubh
VAN DER PLOEG, Leonardus, H.T.
HENDERSON, Bart
(31) 201361790469 P
(32) 15.03.2013
(33) United States of America

(51) C07K 14/00
C12N 15/09
(11) EP2690108
(21) EP12765583.5
(47) 25.07.2018
(87) JP2012057799
04.10.2012
(22) 26.03.2012
(54) NOVEL IMMUNOGLOBULIN-BINDING POLYPEPTIDE
(73) Kaneka Corporation
(72) YOSHIDA, Shinichi
MURATA, Dai
TAIRA, Shunichi
(31) 2011068497
(32) 25.03.2011
(33) Japan

(51) C07K 14/015
A61K 39/23
C12N 7/00
C07K 16/08
G01N 33/569
(11) EP2931741
(21) EP13814791.3
(47) 25.07.2018
(87) US2013075059
26.06.2014
(22) 15.01.2014
(54) PORCINE PARVOVIRUS 5A, METHODS OF USE AND VACCINE
(73) Boehringer Ingelheim Vetmedica, Inc.
(72) IYER, Arun V.
JORDAN, Dianna M. Murphy
PATTERSON, Abby Rae
ROOF, Michael B.
VAUGHN, Eric Martin
VICTORIA, Joseph Gilbert
VISEK, Callie Ann
(31) 201313796621
(32) 12.03.2013
(33) United States of America

(51) C07K 14/195
C12Q 1/689
C12R 1/01
A61K 38/00
A61K 39/08
(11) EP2832859
(21) EP13769593.8
(47) 25.07.2018
(87) JP2013057287
03.10.2013
(22) 14.03.2013
(54) DIABETES-INDUCIBLE BACTERIUM
(73) AJINOMOTO CO., INC.
(72) KAMEYAMA, Keishi
ITOH, Kikuji
(31) 2012080469
201261618052 P
(32) 30.03.2012
30.03.2012
(33) Japan
United States of America

(51) C07K 14/34
C12P 13/08
C12N 1/21
(11) EP2694536
(21) EP12710298.6
(47) 25.07.2018
(87) EP2012055359
11.10.2012
(22) 27.03.2012
(54) MICROORGANISM AND METHOD FOR THE FERMENTATIVE PRODUCTION OF AN ORGANO CHEMICAL COMPOUND
(73) Evonik Degussa GmbH
(72) HANS, Stephan
BATHE, Brigitte
RETH, Alexander
CLAES, Wilfried
KRÄMER, Reinhard
SEIBOLD, Gerd
HENRICH, Alexander
(31) 102011006716
(32) 04.04.2011
(33) Germany

(51) C07K 14/435
(11) EP2850097
(21) EP13713371.6
(47) 25.07.2018
(87) EP2013055327
14.11.2013
(22) 15.03.2013
(54) ANTI-INFLAMMATORY PEPTIDES AND COMPOSITION COMPRISING THE SAME
(73) KAEL-GemVax Co.,Ltd
Kim, Sang Jae
(72) KIM, Sang, Jae
KIM, Kyung, Hee
LEE, Kyu-Yong
KOH, Seong-Ho
PARK, Hyun-Hee
HUH, Sung, Jin
LEE, Woo, Jin
KIM, Bum, Joon
(31) 20120050529
20120050533
20120071989
20120104144
20120104207
(32) 11.05.2012
11.05.2012
02.07.2012
19.09.2012
19.09.2012
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) C07K 14/435
(11) EP2953968
(21) EP14706403.4
(47) 25.07.2018
(87) US2014014887
14.08.2014
(22) 05.02.2014
(54) FIBRONECTIN TYPE III DOMAIN PROTEINS WITH ENHANCED SOLUBILITY
(73) Bristol-Myers Squibb Company
(72) YAMNIUK, Aaron, P.
KRYSTEK, Stanley, R.
(31) 201361761452 P
(32) 06.02.2013
(33) United States of America

(51) C07K 14/47
(11) EP2945965
(21) EP14703176.9
(47) 25.07.2018
(87) IB2014058234
24.07.2014
(22) 13.01.2014
(54) PEPTIDE
(73) Apitope Technology (Bristol) Limited
(72) WRAITH, David
STREETER, Heather
ORDONEZ, Laurence
(31) 201300683
(32) 15.01.2013
(33) United Kingdom

(51) C07K 14/47
(11) EP3087092
(21) EP14825457.6
(47) 25.07.2018
(87) NL2014050855
18.06.2015
(22) 12.12.2014

(54) ANTIMICROBIAL PEPTIDE AND USES THEREOF
(73) Academisch Ziekenhuis Leiden h.o.d.n. LUMC
Academisch Medisch Centrum
(72) NIBBERING, Petrus Hendricus
DE BREIJ, Anna
CORDFUNKE, Robert Alexander
ZAAT, Sebastianus Antonius Johannes
DRIJFHOUT, Jan Wouter
(31) 13196989
(32) 12.12.2013
(33) European Patent Office (EPO)

(51) C07K 14/47
(11) EP2444417
(21) EP11193802.3
(47) 25.07.2018
(22) 10.08.2007
(54) GENES AND POLYPEPTIDES RELATING TO BREAST CANCERS
(73) Oncotherapy Science, Inc.
(72) NAKAMURA, Yusuke
KATAGIRI, Toyomasa
NAKATSURU, Shuichi
(31) 83742806 P
84025006 P
91502207 P
(32) 10.08.2006
25.08.2006
30.04.2007
(33) United States of America
United States of America
United States of America

(51) C07K 14/47
C07K 1/30
(11) EP2744820
(21) EP12823554.6
(47) 25.07.2018
(87) US2012051192
21.02.2013
(22) 16.08.2012
(54) METHODS FOR EXTRACTING KERATIN PROTEINS
(73) Keranetics LLC
(72) BURNETT, Luke
BOYD, Sarah Ann
(31) 201161524541 P
(32) 17.08.2011
(33) United States of America

(51) C07K 14/47
C12N 15/12
C12N 15/85
C12N 5/10
C07K 14/705
A61K 38/00
A61K 38/17
(11) EP2776458
(21) EP12848547.1
(47) 25.07.2018
(87) US2012000546
16.05.2013
(22) 07.11.2012
(54) PROTEASE ACTIVATED RECEPTOR-1 (PAR1) DERIVED CYTOPROTECTIVE POLYPEPTIDES AND RELATED METHODS
(73) The Scripps Research Institute
Mosnier, Laurent O.
Griffin, John H.
(72) MOSNIER, Laurent, O.
GRIFFIN, John, H.
(31) 201161628834 P
(32) 07.11.2011
(33) United States of America

(51) C07K 14/52
A61M 1/36
B01J 20/32
C07K 17/02
G01N 33/68
(11) EP2718312
(21) EP12727919.8
(47) 25.07.2018
(87) GB2012051354
20.12.2012
(22) 13.06.2012
(54) TREATING CONDITIONS ASSOCIATED WITH SEPSIS
(73) TLA Targeted Immunotherapies AB
(72) COTTON, Graham
WINQVIST, Ola
(31) 201161496352 P
(32) 13.06.2011
(33) United States of America

(51) C07K 14/605
A61K 38/26
A61P 3/04
(11) EP2718318
(21) EP12797363.4
(47) 25.07.2018
(87) KR2012004494
13.12.2012
(22) 07.06.2012
(54) NOVEL OXYNTOMODULIN DERIVATIVES AND PHARMACEUTICAL COMPOSITION FOR TREATING OBESITY COMPRISING THE SAME
(73) Hanmi Science Co., Ltd.
(72) JUNG, Sung Youb
JANG, Myung Hyun
SHEN, Ling Ai
PARK, Young Kyung
PARK, Young Jin
KWON, Se Chang
(31) 20110056472
(32) 10.06.2011
(33) Korea (Republic)

(51) C07K 16/18
A61K 38/04
(11) EP3049438
(21) EP14790814.9
(47) 25.07.2018
(87) US2014057141
02.04.2015
(22) 24.09.2014
(54) PEPTIDES INHIBITING COLD-INDUCIBLE RNA BINDING PROTEIN ACTIVITY
(73) The Feinstein Institute for Medical Research
(72) WANG, Ping
(31) 201361881798 P
(32) 24.09.2013
(33) United States of America

(51) C07K 16/18
A61K 39/395
(11) EP2558496
(21) EP11769579.1
(47) 25.07.2018
(87) US2011032468
20.10.2011
(22) 14.04.2011
(54) ANTI-POLYUBIQUITIN ANTIBODIES AND METHODS OF USE
(73) Genentech, Inc.
(72) DIXIT, Vishva
KELLEY, Robert F.
MATSUMOTO, Marissa L.
(31) 324602 P
(32) 15.04.2010
(33) United States of America

(51) C07K 16/22
A61K 39/395
A61P 35/00
C12N 15/13
G01N 33/53
(11) EP2646468
(21) EP11844615.2
(47) 25.07.2018
(87) US2011062963
07.06.2012
(22) 01.12.2011
(54) ANTI-NGF COMPOSITIONS AND USE THEREOF
(73) AlderBio Holdings LLC
(72) DUTZAR, Benjamin H.
KOVACEVICH, Brian R.
MITCHELL, Danielle M.
OJALA, Ethan W.
FAN, Pei
SMITH, Jeffrey T.L.
MCNEILL, Patricia Dianne
BILLGREN, Jens
STEWART, Erica A.
AKATSUKA, Corinne C.
CHANG, Betty Yu-Ching
LATHAM, John A.
GARCIA-MARTINEZ, Leon F.
(31) 418832 P
(32) 01.12.2010
(33) United States of America

(51) C07K 16/26
(11) EP2488551
(21) EP10768878.0
(47) 25.07.2018
(87) EP2010006329
21.04.2011
(22) 15.10.2010
(54) MONOCLONAL ANTIBODIES TO PROGASTRIN AND THEIR USES
(73) Institut National de la Santé et de la Recherche Médicale (INSERM)
Progastrine et Cancers S.à r.l.
Centre National de la Recherche Scientifique (CNRS)
(72) PANNEQUIN, Julie
BOUDIER, Laure
JOUBERT, Dominique
HOLLANDE, Frédéric
(31) 252625 P
(32) 16.10.2009
(33) United States of America

(51) C07K 16/28
A61K 39/395
C12N 15/11

C12N 15/63
C07K 16/40
A61K 39/00
(11) EP2692737
(21) EP13190488.0
(47) 25.07.2018
(22) 17.04.2008
(54) Fully human anti-VAP-1 monoclonal antibodies
(73) Biotie Therapies Corp.
(72) Smith, David John
Vainio, Petri
Mikkola, Jari
Vuorio, Päivi
Vainio, Jani
(31) 20075278
907904 P
(32) 20.04.2007
20.04.2007
(33) Finland
United States of America

(51) C07K 16/28
C07K 16/24
A61K 39/395
(11) EP3004167
(21) EP14734671.2
(47) 25.07.2018
(87) US2014040360
04.12.2014
(22) 30.05.2014
(54) ONCOSTATIN M RECEPTOR ANTIGEN BINDING PROTEINS
(73) Kiniksa Pharmaceuticals, Ltd.
(72) ARNETT, Heather A.
ESCOBAR, Sabine S.
KING, Chadwick T.
LIM, Ai Ching
NARAYANAN, Saravanakumar
WEINREB, Paul H.
PEDERSON, Nels E.
(31) 201361829082 P
(32) 30.05.2013
(33) United States of America

(51) C07K 16/32
A61K 39/395
A61P 35/00
(11) EP2635605
(21) EP11837656.5
(47) 25.07.2018
(87) IB2011054835
10.05.2012
(22) 31.10.2011
(54) ANTI-HER3 ANTIBODIES AND COMPOSITIONS
(73) Symphogen A/S
(72) PEDERSEN, Mikkel, Wandahl
JACOBSEN, Helle
KOEFOED, Klaus
(31) 201161531407 P
201100672
408782 P
201000988
(32) 06.09.2011
05.09.2011
01.11.2010
01.11.2010
(33) United States of America
Denmark
United States of America
Denmark

(51) C07K 16/36
(11) EP2847228
(21) EP13721746.9
(47) 25.07.2018
(87) EP2013059618
14.11.2013
(22) 08.05.2013
(54) ANTIBODIES CAPABLE OF BINDING TO THE COAGULATION FACTOR XI AND/OR ITS ACTIVATED FORM FACTOR XIA AND USES THEREOF
(73) Bayer Pharma Aktiengesellschaft
(72) WILMEN, Andreas
STRAßBURGER, Julia
DITTMER, Frank
STRERATH, Michael
BUCHMÜLLER, Anja
GRUDZINSKA-GOEBEL, Joanna
FINNERN, Ricarda
SCHÄFER, Martina
GERDES, Christoph
JÖRIßEN, Hannah
ITAKURA, Asako
Y. LEUNG, Philberta
TUCKER, Erik
(31) 12167438
12181697
13150361
201361817675 P
(32) 10.05.2012
24.08.2012
07.01.2013
30.04.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
United States of America

(51) C07K 16/44
G01N 33/574
G01N 33/577
(11) EP2443152
(21) EP10723176.3
(47) 25.07.2018
(87) FR2010050620
07.10.2010
(22) 01.04.2010
(54) METHOD FOR ASSAYING PRODEFENSIN-A6 FOR THE IN VITRO DIAGNOSIS OF COLORECTAL CANCER
(73) Biomérieux
(72) ATAMAN-ÖNAL, Yasemin
BEAULIEU, Corinne
BUSSERET, Sandrine
CHARRIER, Jean-Philippe
CHOQUET-KASTYLEVSKY, Geneviève
ROLLAND, Dominique
(31) 0952192
(32) 03.04.2009
(33) France

(51) C07K 19/00
A61K 38/16
A61P 7/04
A61K 38/00
C07K 14/765
C07K 14/52
(11) EP2975062
(21) EP14775837.9
(47) 25.07.2018
(87) CN2014077617
02.10.2014
(22) 15.05.2014
(54) PREPARATION AND USE OF DIMERIZED FUSION PROTEIN
(73) Lanzhou University
(72) LI, Hongyu
AN, Lizhe
ZHI, Dejuan
LI, Yang
FENG, Na
GUO, Dingding
WANG, Yong
SHI, Yanbin
RU, Yi
WANG, Meizhu
TANG, Wei
GAO, Jiangli
HOU, Rongli
XU, Jing
XIAN, Jun
XU, Yinli
ZHANG, Liyun
WANG, Haiqing
DONG, Xinfang
MA, Xingming
LI, Jiazhong
ZHU, Hongmei
LI, Jianyin
ZHAO, Chunyan

(51) C08B 11/12
C08J 3/05
C08J 3/26
D21H 19/34
D21J 1/08
(11) EP2768864
(21) EP12783545.2
(47) 25.07.2018
(87) EP2012070545
25.04.2013
(22) 17.10.2012
(54) COMPOSITIONS HAVING INCREASED CONCENTRATIONS OF CARBOXYMETHYLCELLULOSE
(73) CP Kelco Oy
(72) MORRISON, Neil Argo
KAMPPINEN, Anssi Kalevi
HANZEN, Andries
KANNIAINEN, Marko Juhani
RUTANEN, Anne Irmeli
(31) 201161632421 P
201213650892
(32) 17.10.2011
12.10.2012
(33) United States of America
United States of America

(51) C08C 3/00
C08C 2/00
B02C 13/04
B02C 4/02
B01D 11/00
C08C 1/00
B02C 4/30
B02C 23/08
B02C 21/00
(11) EP3181591

(21) EP17152493.7
(47) 25.07.2018
(22) 18.06.2013
(54) METHODS FOR INCREASING THE EXTRACTABLE RUBBER CONTENT OF NON-HEVEA PLANT MATTER
(73) Bridgestone Corporation
(72) SMALE, Mark W.
HUANG, Yingyi
(31) 201261661033 P
(32) 18.06.2012
(33) United States of America

(51) C08F 2/01
B01J 19/18
B01J 19/24
C08F 2/12
(11) EP3178853
(21) EP15003479.1
(47) 25.07.2018
(22) 07.12.2015
(54) PROCESS FOR POLYMERISING ALPHA-OLEFIN MONOMERS
(73) Borealis AG
(72) KANELLOPOULOS, Vasileios
AL-HAJ ALI, Mohammad
ALASTALO, Kauno
KRALLIS, Apostolos

(51) C08F 2/32
C08J 3/12
A61L 15/60
C08F 2/14
C08F 2/18
(11) EP3023443
(21) EP15191225.0
(47) 25.07.2018
(22) 23.07.2012
(54) WATER ABSORBING RESIN PARTICLES, METHOD FOR MANUFACTURING WATER ABSORBING RESIN PARTICLES, ABSORPTION BODY, ABSORPTIVE ARTICLE, AND WATER-SEALING MATERIAL
(73) Sumitomo Seika Chemicals Co., Ltd.
(72) Handa, Masayoshi
Tanimura, Kenji
Heguri, Atsushi
Onoda, Yuichi
(31) 2011170462
2011170466
2011170473
2011170471
2011170477
2011170467
2011218028
2011218018
(32) 03.08.2011
03.08.2011
03.08.2011
03.08.2011
03.08.2011
03.08.2011
30.09.2011
30.09.2011
(33) Japan
Japan
Japan
Japan
Japan
Japan
Japan
Japan

(51) C08F 20/10
C08F 2/00
C08J 7/12
C08J 3/075
(11) EP2957576
(21) EP14846318.5
(47) 25.07.2018
(87) KR2014008533
26.03.2015
(22) 12.09.2014
(54) SUPERABSORBENT RESIN PREPARATION METHOD
(73) LG Chem, Ltd.
(72) WON, Tae Young
BAE, Jin Hyun
KIM, Jun Kyu
KWON, Jong Hyuk
HUR, Young Jae
KIM, Yun
(31) 20130112030
(32) 17.09.2013
(33) Korea (Republic)

(51) C08F 210/16
C08F 4/656
C08F 4/646
C08F 4/649
(11) EP3083724
(21) EP14830524.6
(47) 25.07.2018
(87) EP2014078773
25.06.2015
(22) 19.12.2014
(54) CATALYST SYSTEM FOR POLYMERIZATION OF AN OLEFIN
(73) Saudi Basic Industries Corporation
SABIC Global Technologies B.V.
(72) ZUIDEVELD, Martin Alexander
ZUIDEMA, Erik
(31) 13199163
(32) 20.12.2013
(33) European Patent Office (EPO)

(51) C08F 283/12
C08L 101/00
C08L 51/08
C08L 69/00
(11) EP2660256
(21) EP11853692.9
(47) 25.07.2018
(87) JP2011080238
05.07.2012
(22) 27.12.2011
(54) GRAFT COPOLYMER AND PRODUCTION METHOD THEREFOR, RESIN COMPOSITION, AND MOLDED ARTICLE
(73) Mitsubishi Chemical Corporation
(72) OTONARI, Hiroaki
MIURA, Takashi
KASAI, Toshihiro
(31) 2010292245
(32) 28.12.2010
(33) Japan

(51) C08F 297/08
C08F 4/646
C08F 2/38
C08L 23/10
C08L 23/20
C08F 210/06
B32B 27/32
C08F 4/659
(11) EP2357206
(21) EP10186028.6
(47) 25.07.2018
(22) 30.01.2006
(54) CATALYST COMPOSITION COMPRISING SHUTTLING AGENT FOR TACTIC/ATACTIC MULTI-BLOCK COPOLYMER FORMATION
(73) Dow Global Technologies LLC
(72) Hustad, Phillip D.
(31) 662937 P
(32) 17.03.2005
(33) United States of America

(51) C08G 18/48
C08G 18/66
C08G 18/76
C08G 18/08
C08G 18/32
C08G 18/40
(11) EP3083737
(21) EP14824265.4
(47) 25.07.2018
(87) US2014069716
25.06.2015
(22) 11.12.2014
(54) POLYMER DISPERSIONS HAVING NANOSIZED POLYUREA PARTICLES DISPERSED IN A POLYETHER
(73) Dow Global Technologies LLC
Rohm and Haas Company
(72) SHEN, Hongwei
EVEN, Ralph C.
(31) 201361918488 P
(32) 19.12.2013
(33) United States of America

(51) C08G 18/76
C08G 63/672
C08G 18/09
C08G 18/40
C08G 18/42
C08G 101/00
(11) EP2984116
(21) EP14716289.5
(47) 25.07.2018
(87) EP2014056976
16.10.2014
(22) 08.04.2014
(54) POLYESTER POLYOLS CONTAINING LONG CHAIN POLYETHER POLYOL BUILDING BLOCKS AND THEIR USE IN PUR/PIR HARD FOAM MATERIALS
(73) Covestro Deutschland AG
(72) NEFZGER, Hartmut
KÜNZEL, Uwe
BRASSAT, Lutz
(31) 13163407
(32) 11.04.2013
(33) European Patent Office (EPO)

(51) C08G 59/30
C08G 59/66
C09D 163/00
(11) EP2788398

(21) EP12815891.2
(47) 25.07.2018
(87) US2012069718
20.06.2013
(22) 14.12.2012
(54) SULFIDE EXTENDED EPOXY RESINS AND BARRIER COATINGS APPLICATIONS THEREOF
(73) Sun Chemical Corporation
(72) WHITE, Michael
ROSEN, Josie
SCHOTTLAND, Philippe
ARCURIO, Ralph
(31) 201161576055 P
(32) 15.12.2011
(33) United States of America

(51) C08G 59/62
C08G 59/50
C08G 59/64
(11) EP3168249
(21) EP16201175.3
(47) 25.07.2018
(22) 08.01.2010
(54) PROCESS FOR PRODUCTION OF THERMOPLASTIC CURED EPOXY RESIN WITH TRANSPARENCY TO VISIBLE LIGHT, AND THERMOPLASTIC EPOXY RESIN COMPOSITION
(73) Nagase ChemteX Corporation
(72) TSUJIMURA, Yutaka
(31) 2009003427
(32) 09.01.2009
(33) Japan

(51) C08G 59/68
C08F 4/54
(11) EP2617752
(21) EP11825164.4
(47) 25.07.2018
(87) JP2011070885
22.03.2012
(22) 13.09.2011
(54) COMPOSITION USABLE AS THERMAL-LATENT POLYMERIZATION INITIATOR
(73) Nippon Shokubai Co., Ltd.
(72) TANAKA, Tomoaki
KATSUMI, Ikuyo
(31) 2010207120
(32) 15.09.2010
(33) Japan

(51) C08G 63/02
C08G 63/199
C08L 67/00
(11) EP2333001
(21) EP10014172.0
(47) 25.07.2018
(22) 27.10.2006
(54) COMPOSITIONS OF POLYESTERS WITH A HIGH GLASS TRANSITION TEMPERATURE WHICH COMPRISE 2,2,4,4-TETRAMETHYL-1,3-CYCLOBUTANEDIOL AND CERTAIN THERMAL STABILIZERS AND ARTICLES THEREOF
(73) Eastman Chemical Company
(72) Germroth, Ted, Calvin
Connell, Gary, Wayne
Crawford, Emmett, Dudley
Pecorini, Thomas, Joseph
Mcwilliams, Douglas, Stephens
Barton, Benjamin, Fredrick
Shackelford, Damon, Bryan
(31) 731389 P
731454 P
738869 P
739058 P
750547 P
750682 P
750692 P
750693 P
390563
390629
390630
390631
390654
390655
390671
390672
390722
390750
390751
390752
390773
390793
390794
390809
390811
390812
390814
390826
390827
390836
390846
390847
390853
390858
390864
390865
390882
390883
390908
390955
391063
391124
391125
391137
391156
391485
391495
391505
391565
391571
391576
391642
391659
786547 P
786571
786572
786596
786598
(32) 28.10.2005
28.10.2005
22.11.2005
22.11.2005
15.12.2005
15.12.2005
15.12.2005
15.12.2005
28.03.2006
28.03.2006
28.03.2006

United States of America
United States of America
United States of America

(54) SILICON POLYETHER BLOCK COPOLYMERS WITH DEFINED POLYDISPERSITY IN POLYOXYALKYLS SECTION AND USE OF SAME AS STABILISERS FOR PRODUCTION OF POLYURETHANE FOAMS
(73) Evonik Degussa GmbH
(72) Henning, Frauke
Knott, Wilfried
Schubert, Frank
Hubel, Roland
Eilbracht, Christian
(31) 102008043343
(32) 31.10.2008
(33) Germany

(51) C08J 3/02
B01D 33/04
B29B 13/06
B29B 15/02
C08J 3/22
B01D 33/64
(11) EP3064533
(21) EP14859038.3
(47) 25.07.2018
(87) JP2014005512
07.05.2015
(22) 30.10.2014
(54) PROCESS FOR PRODUCING WET MASTER BATCH, WET MASTER BATCH, RUBBER COMPOSITION, AND SOLID-LIQUID SEPARATION DEHYDRATION APPARATUS FOR PRODUCING WET MASTER BATCH
(73) Bridgestone Corporation
(72) YANAGISAWA, Yasuto
(31) 2013227453
2014105332
(32) 31.10.2013
21.05.2014
(33) Japan
Japan

(51) C08J 3/20
B29B 7/90
B60C 1/00
C08K 3/00
C08K 5/09
C08K 5/31
C08K 5/36
C08K 5/54
C08L 7/00
C08L 9/00
(11) EP2623547
(21) EP11829410.7
(47) 25.07.2018
(87) JP2011072794
05.04.2012
(22) 03.10.2011
(54) METHOD FOR MANUFACTURING RUBBER COMPOSITION
(73) Bridgestone Corporation
(72) KATOU, Seiichi
HORIE, Satoshi
(31) 2010224365
(32) 01.10.2010
(33) Japan

(51) C08J 3/20
B60C 5/14
C08L 21/00
C08L 23/08
C08L 27/10
C08L 67/00
C08L 77/00
C08L 101/00
F16L 11/04
B60C 1/00
B01F 7/00
B29B 7/60
B29C 47/60
C08J 3/00
C08J 5/18
(11) EP2889322
(21) EP13831057.8
(47) 25.07.2018
(87) JP2013071396
27.02.2014
(22) 07.08.2013
(54) METHOD FOR PRODUCING THERMOPLASTIC ELASTOMER COMPOSITION
(73) The Yokohama Rubber Co., Ltd.
(72) SATO, Shun
(31) 2012182253
(32) 21.08.2012
(33) Japan

(51) C08J 3/215
C08J 3/22
C08J 9/00
C08J 9/12
(11) EP3122801
(21) EP15714342.1
(47) 25.07.2018
(87) US2015021135
01.10.2015
(22) 18.03.2015
(54) NANOCELLULAR FOAM WITH SOLID FLAME RETARDANT
(73) Dow Global Technologies LLC
(72) CHEN, Liang
KELLY-ROWLEY, Anne M.
BUNKER, Shana P.
COSTEUX, Stéphane
(31) 201461971656 P
(32) 28.03.2014
(33) United States of America

(51) C08J 5/02
C08J 5/04
C08J 5/18
(11) EP2918628
(21) EP15155589.3
(47) 25.07.2018
(22) 18.02.2015
(54) COATED CRP SURFACES OF TURBOMOLECULAR PUMPS
(73) Leybold GmbH
(72) Froitzheim, Michael
Odenthal, Heinz
Beyer, Christian
(31) 102014203172
(32) 21.02.2014
(33) Germany

(51) C08J 5/04
C08J 5/06
D04H 1/4242
D04H 1/54
D04H 1/60
D04H 1/72
D04H 1/732
D21H 13/50
D21H 17/53
D21H 19/72
D21H 15/02
D21H 17/55
(11) EP3015492
(21) EP14817572.2
(47) 25.07.2018
(87) JP2014066899
31.12.2014
(22) 25.06.2014
(54) RANDOM MAT, FIBER-REINFORCED COMPOSITE MATERIAL MOLDED ARTICLE, AND CARBON FIBER MAT
(73) Teijin Limited
(72) SONODA Naoaki
OHKI Takeru
HAGIHARA Katsuyuki
(31) 2013133867
(32) 26.06.2013
(33) Japan

(51) C08J 5/18
C08G 69/36
C08G 69/26
B29C 55/12
B29K 77/00
B32B 27/34
B29C 55/06
(11) EP2726541
(21) EP12730540.7
(47) 25.07.2018
(87) EP2012062578
03.01.2013
(22) 28.06.2012
(54) BI-AXIALLY STRETCHED PRODUCT
(73) DSM IP Assets B.V.
(72) STROEKS, Alexander Antonius Marie
TOMIC, Katarina
(31) 11172231
11172233
(32) 30.06.2011
30.06.2011
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C08J 5/18
C08L 69/00
(11) EP3039061
(21) EP14766068.2
(47) 25.07.2018
(87) US2014053182
05.03.2015
(22) 28.08.2014
(54) POLYCARBONATE FILMS FOR CAPACITORS, METHODS OF MANUFACTURE, AND ARTICLES MANUFACTURED THEREFROM
(73) SABIC Global Technologies B.V.
(72) MAHOOD, James Alan
NIEMEYER, Matthew Frank
BOLVARI, Anne E.
SANNER, Mark A.
PFEIFFENBERGER, Neal
(31) 201361871031 P
(32) 28.08.2013
(33) United States of America

(51) C08J 5/22

B32B 27/32
B01D 61/44
B01D 69/10
B01D 71/26
(11) EP2368933
(21) EP09831879.3
(47) 25.07.2018
(87) JP2009070477
17.06.2010
(22) 07.12.2009
(54) BIPOLAR MEMBRANE AND METHOD FOR MANUFACTURING SAME
(73) Astom Corporation
(72) NISHIO, Kazunori
MIZUGUCHI, Kazuo
KAWASHIMA, Minoru
ARITOMI, Toshio
(31) 2008312023
(32) 08.12.2008
(33) Japan

(51) C08J 9/00
A43B 13/04
A43B 13/14
A43B 13/18
C08L 9/02
C08L 15/00
C08L 23/00
C08L 23/08
C08L 53/02
A43B 7/14
A43B 13/12
(11) EP2620469
(21) EP13158254.6
(47) 25.07.2018
(22) 24.05.2007
(54) ARTICLE OF FOOTWEAR WITH LIGHTWEIGHT SOLE ASSEMBLY
(73) NIKE Innovate C.V.
(72) Yu, Sui-Chieh
Despain, Daniel
Schiller, Denis
Jones, David, Patrick
Avar, Eric
Hoffer, Kevin, W.
(31) 808551 P
752348
(32) 26.05.2006
23.05.2007
(33) United States of America
United States of America

(51) C08J 9/00
C08J 9/236
C08J 9/35
C08L 75/04
(11) EP2109637
(21) EP08701337.1
(47) 25.07.2018
(87) EP2008050172
24.07.2008
(22) 09.01.2008
(54) HYBRID SYSTEMS CONSISTING OF FOAMED THERMOPLASTIC ELASTOMERS AND POLYURETHANES
(73) BASF SE
(72) PRISSOK, Frank
SCHÜTTE, Markus
BRAUN, Frank
(31) 07100613
(32) 16.01.2007
(33) European Patent Office (EPO)

(51) C08K 3/00
B29C 55/00
(11) EP2148900
(21) EP08747275.9
(47) 25.07.2018
(87) US2008062133
27.11.2008
(22) 01.05.2008
(54) LOW DENSITY ORIENTED POLYMER COMPOSITION WITH INERT INORGANIC FILLER
(73) Eovations, LLC
(72) NICHOLS, Kevin, L.
BIRCHMEIER, Brett, M.
WARD, Ian, M.
COATES, Philip, D.
CATON-ROSE, Phil
THOMPSON, Glen, P.
WANI, Vijay
PATEL, Rajen, M.
(31) 930145 P
(32) 14.05.2007
(33) United States of America

(51) C08K 3/00
C08K 5/31
C08K 5/44
C08K 5/47
C08K 5/09
C08J 3/20
C08L 7/00
(11) EP2623546
(21) EP11829405.7
(47) 25.07.2018
(87) JP2011072789
05.04.2012
(22) 03.10.2011
(54) METHOD FOR MANUFACTURING RUBBER COMPOSITION
(73) Bridgestone Corporation
(72) KATOU, Seiichi
HORIE, Satoshi
(31) 2010224355
(32) 01.10.2010
(33) Japan

(51) C08K 3/34
(11) EP1765926
(21) EP05856853.6
(47) 25.07.2018
(87) US2005022714
17.08.2006
(22) 28.06.2005
(54) PROCESSES FOR MAKING POLYMERIC NANOCOMPOSITES
(73) ExxonMobil Chemical Patents Inc.
(72) WENG, Weiqing
DIAS, Anthony, J.
GONG, Caiguo
POOLE, Beverly, J.
NEAGU, Carmen
KARP, Kriss, R.
JOHNSTON, Molly, W.
AYERS, James, R.
(31) 585629 P
(32) 06.07.2004
(33) United States of America

(51) C08K 3/38
H01M 8/1027
H01M 8/103
H01M 8/1032
H01M 8/1048
H01M 8/1081
H01M 8/1072
H01M 8/1086
(11) EP1620910
(21) EP04742398.3
(47) 25.07.2018
(87) FR2004000797
21.10.2004
(22) 30.03.2004
(54) BOROPHOSPHOSILICATE-BASED COMPOSITE MATERIAL WHICH CAN BE USED TO CREATE AN ELECTROLYTE MEMBRANE AND METHOD FOR THE PRODUCTION THEREOF
(73) Université de Montpellier II
Centre National de la Recherche Scientifique
Electricité de France
(72) MORIN, Arnaud
GAUTIER, Ludmila
DEABATE, Stephano
JONES, Deborah
ROZIERE, Jacques
MOSDALE, Renaut
(31) 0304078
(32) 02.04.2003
(33) France

(51) C08K 5/00
C08J 5/10
D01F 1/10
D01F 6/04
D01F 6/06
D01F 6/60
D01F 6/62
D01F 8/06
(11) EP2710058
(21) EP12723796.4
(47) 25.07.2018
(87) US2012038300
29.11.2012
(22) 17.05.2012
(54) FIBERS OF POLYMER-OIL COMPOSITIONS
(73) The Procter & Gamble Company
(72) ALLEN, William, Maxwell
BOND, Eric, Bryan
NODA, Isao
MURRAY, Donald, Stuart
(31) 201161488536 P
(32) 20.05.2011
(33) United States of America

(51) C08K 5/00
C08K 5/103
C08L 27/00
(11) EP3194484
(21) EP15780975.7
(47) 25.07.2018
(87) US2015050136
24.03.2016
(22) 15.09.2015
(54) POLYMERIC COMPOSITIONS WITH IMPROVED NOISE SUPPRESSION
(73) Eastman Chemical Company
(72) FUNDERBURG, Michael, Dean, Jr.

DELOACH, Joseph, Alexander
MORALEZ, Jesus, Gabriel
HEIDT, Philip, Conrad
(31) 201462050942 P
201514852675
(32) 16.09.2014
14.09.2015
(33) United States of America
United States of America

(51) C08K 5/00
C08L 23/08
C08L 23/16
C08L 23/10
(11) EP2504391
(21) EP10782163.9
(47) 25.07.2018
(87) US2010057449
03.06.2011
(22) 19.11.2010
(54) MOLDED POLYMERIC ARTICLE WITH LOW HAZE AND HIGH CLARITY
(73) Dow Global Technologies LLC
(72) DIAS, Peter, S.
WILSON, Debra, R.
ONER-DELIORMANLI, Didem
MORGAN, Alena, S.
GLASS, Terry, W.
(31) 264357 P
(32) 25.11.2009
(33) United States of America

(51) C08K 5/523
C08K 5/5393
C08L 23/00
(11) EP3107959
(21) EP15704547.7
(47) 25.07.2018
(87) EP2015053153
20.08.2015
(22) 13.02.2015
(54) 3-PHENYL-BENZOFURAN-2-ONE DERIVATIVES CONTAINING PHOSPHORUS AS STABILIZERS
(73) BASF SE
(72) HÖLZL, Werner
ROTZINGER, Bruno
SCHÖNING, Kai-Uwe
KING, Roswell, Easton
(31) 14155326
(32) 17.02.2014
(33) European Patent Office (EPO)

(51) C08L 1/10
C08L 1/20
(11) EP2788422
(21) EP12868425.5
(47) 25.07.2018
(87) US2012068093
22.08.2013
(22) 06.12.2012
(54) CELLULOSE ESTERS IN PNEUMATIC TIRES
(73) Eastman Chemical Company
(72) BASU, Soumendra, Kumar
HELMER, Bradley, James
(31) 201161567953 P
201161567948 P
201161567951 P
201161567950 P
201213690945
201213690953
201213690937
201213691007
201213690890
201213690930
201213690944
201213690958
201213690909
201213690981
201213690919
201213690935
201213690968
(32) 07.12.2011
07.12.2011
07.12.2011
07.12.2011
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
30.11.2012
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) C08L 3/00
B65B 33/00
C08F 8/44
C08K 5/16
(11) EP1812507
(21) EP05815448.5
(47) 25.07.2018
(87) US2005038073
26.05.2006
(22) 25.10.2005
(54) ETHYLENE-ACRYLIC ACID POLYMER DISPERSION FOR PRINTING MEDIA
(73) Nalco Company
(72) ZHANG, Zhiyi
GRAY, Ross, T.
WHIPPLE, Wesley, L.
(31) 993235
246795
(32) 19.11.2004
07.10.2005
(33) United States of America
United States of America

(51) C08L 9/02
F16L 11/04
(11) EP3133119
(21) EP15780597.9
(47) 25.07.2018
(87) JP2015001410
22.10.2015
(22) 13.03.2015
(54) HOSE RUBBER COMPOSITION AND HYDRAULIC HOSE
(73) Bridgestone Corporation
(72) FUJIWARA, Yuko
(31) 2014084394
(32) 16.04.2014
(33) Japan

(51) C08L 15/00
B60C 1/00
C08K 5/3445
C08K 5/092
(11) EP3039069
(21) EP14757929.6
(47) 25.07.2018
(87) EP2014068401
05.03.2015
(22) 29.08.2014
(54) MODIFIED EPOXIDISED NATURAL RUBBER
(73) Compagnie Générale des Etablissements Michelin
(72) FLEURY, Etienne
JEAN-BAPTISTE-DIT-DOMINIQUE, François
(31) 1358325
(32) 30.08.2013
(33) France

(51) C08L 23/08
B32B 27/32
B65D 75/00
B29L 31/00
A23C 19/00
B29C 47/00
B29C 47/06
B29K 23/00
B29K 27/00
B32B 27/08
B29C 47/88
B32B 27/30
B32B 27/34
B32B 27/36
B29K 105/00
B32B 1/08
B65D 85/00
(11) EP3149078
(21) EP15725343.6
(47) 25.07.2018
(87) EP2015061911
03.12.2015
(22) 28.05.2015
(54) MULTILAYER HEAT SHRINKABLE FILMS
(73) Cryovac, Inc.
(72) ZANABONI, Giuliano
FUSARPOLI, Flavio
SPIGAROLI, Romano
(31) 14170434
(32) 28.05.2014
(33) European Patent Office (EPO)

(51) C08L 23/08

C08K 5/14
C08K 5/5425
C08L 33/08
C08L 33/10
C08L 33/12
H01L 31/048
(11) EP3164452
(21) EP15745526.2
(47) 25.07.2018
(87) FR2015051733
07.01.2016
(22) 26.06.2015
(54) ENCAPSULANT OF A PHOTOVOLTAIC MODULE
(73) Arkema France
(72) JACQUES, Guillaume
BIZET, Stéphane
SAVIGNAT, Benoît
CANNET, Molly
(31) 1456309
(32) 02.07.2014
(33) France

(51) C08L 23/08
C08K 5/5419
C08L 33/08
C08L 33/14
C08L 35/00
H01L 31/048
(11) EP3157999
(21) EP15736541.2
(47) 25.07.2018
(87) FR2015051507
23.12.2015
(22) 08.06.2015
(54) ENCAPSULANT OF A PHOTOVOLTAIC MODULE
(73) Arkema France
(72) JACQUES, Guillaume
BIZET, Stéphane
SAVIGNAT, Benoît
(31) 1455583
(32) 18.06.2014
(33) France

(51) C08L 23/08
C08L 27/04
(11) EP3157998
(21) EP15728964.6
(47) 25.07.2018
(87) US2015031672
23.12.2015
(22) 20.05.2015
(54) MOISTURE-CURABLE POLYMERIC COMPOSITIONS HAVING HALOGENATED POLYMERS AND METAL MERCAPTIDES
(73) Dow Global Technologies LLC
Rohm and Haas Company
(72) CHAUDHARY, Bharat I.
WAXMAN, Amy L.
GORSHENIN, Alexander
(31) 201462013564 P
(32) 18.06.2014
(33) United States of America

(51) C08L 23/10
C03C 17/30
C03C 17/32
C09C 3/10
C09C 1/28
C08K 9/08
C08K 7/28
C03C 11/00
(11) EP2705092
(21) EP12779861.9
(47) 25.07.2018
(87) US2012035939
08.11.2012
(22) 01.05.2012
(54) THERMOPLASTIC RESIN COMPOSITE CONTAINING HOLLOW GLASS MICROSPHERES
(73) 3M Innovative Properties Company
(72) TAKEISHI, Towako
YAMABE, Takujiro
TAKAKUWA, Kyoko
(31) 2011102637
(32) 02.05.2011
(33) Japan

(51) C08L 23/10
C08L 23/16
C08K 5/00
(11) EP2658919
(21) EP10861392.8
(47) 25.07.2018
(87) CN2010080500
05.07.2012
(22) 30.12.2010
(54) THERMOPLASTIC VULCANIZATE COMPOSITION, METHOD OF PRODUCING THE SAME, AND ARTICLES MADE THEREFROM
(73) Dow Global Technologies LLC
(72) SUN, Sam, Yabin
HUGHES, Morgan
TAI, Xiangyang
PAEGLIS, Arnis
MARCHAND, Gary, Robert

(51) C08L 23/12
(11) EP2655505
(21) EP11850673.2
(47) 25.07.2018
(87) US2011065555
28.06.2012
(22) 16.12.2011
(54) PROPYLENE-BASED COMPOSITIONS OF ENHANCED APPEARANCE AND EXCELLENT MOLD FLOWABILITY
(73) Braskem America, Inc.
(72) DOUFAS, Antonios, K.
CATALINA, Edward
THURSTON, William, C.
MAJEWSKI, Rita
(31) 201061424762 P
(32) 20.12.2010
(33) United States of America

(51) C08L 23/12
(11) EP2809718
(21) EP13702441.0
(47) 25.07.2018
(87) EP2013051897
08.08.2013
(22) 31.01.2013
(54) IMPROVED SCRATCH RESISTANCE POLYPROPYLENE AT HIGH FLOW
(73) Borealis AG
(72) TRANNINGER, Cornelia
SCHIESSER, Stefan
KONA, Balakantha rao
HAUER, Andreas
(31) 12153859
(32) 03.02.2012
(33) European Patent Office (EPO)

(51) C08L 23/12
C08L 23/08
C08L 23/10
(11) EP2254945
(21) EP09721106.4
(47) 25.07.2018
(87) US2009035236
17.09.2009
(22) 26.02.2009
(54) CLARIFIED POLYPROPYLENE AND ETHYLENE ALPHA OLEFIN BLEND
(73) Dow Global Technologies LLC
(72) MCGIRK, Richard, H.
HUGHES, Morgan, M.
(31) 35940 P
(32) 12.03.2008
(33) United States of America

(51) C08L 23/14
C08L 23/08
B29C 41/04
C08J 3/12
B29C 41/00
(11) EP3144348
(21) EP15185465.0
(47) 25.07.2018
(22) 16.09.2015
(54) NON-CRYOGENIC GRINDABLE POLYPROPYLENE BASED COMPOUNDS FOR ROTOMOLDING APPLICATIONS
(73) SCG Chemicals Co., Ltd.
(72) Tabtippawon, Dumrongpow
Phonthammachai, Nopphawan
Sangribsub, Supaporn

(51) C08L 67/00
C08J 3/22
C08K 3/00
(11) EP2832793
(21) EP13768106.0
(47) 25.07.2018
(87) JP2013058053
03.10.2013
(22) 21.03.2013
(54) POLYESTER COMPOSITION AND POLYESTER FILM
(73) Toyobo Co., Ltd.
(72) NAKAGAWA, Satoru
OHASHI, Hideto
MAEDA, Kunihiro
(31) 2012076608
(32) 29.03.2012
(33) Japan

(51) C08L 69/00
(11) EP2691462
(21) EP12714153.9
(47) 25.07.2018
(87) US2012031132
04.10.2012
(22) 29.03.2012
(54) ELECTRICAL TRACKING RESISTANCE COMPOSITIONS, METHODS OF MANUFACTURE AND ARTICLES THEREOF

(73) SABIC Global Technologies B.V.
(72) VAN DE WETERING, Karin
VAN DE GRAMPEL, Robert D.
PAL, Jaykisor
VAN ZYL, Andries J. P.
SYBERT, Paul D.
(31) 920DE2011
(32) 31.03.2011
(33) India

(51) C08L 69/00
C08K 5/524
C08L 71/02
G02B 1/04
(11) EP3081596
(21) EP14870258.2
(47) 25.07.2018
(87) JP2014006091
18.06.2015
(22) 05.12.2014
(54) POLYCARBONATE RESIN COMPOSITION AND OPTICAL MOLDED ARTICLE
(73) Sumika Polycarbonate Limited
(72) SAKAKI, Yoichiro
KIDA, Eriko
(31) 2013254902
2014104844
2014125563
2014125566
(32) 10.12.2013
21.05.2014
18.06.2014
18.06.2014
(33) Japan
Japan
Japan
Japan

(51) C08L 75/04
C09J 175/04
C09D 175/04
C09J 175/06
C08G 18/28
C08G 18/48
C08G 18/66
C08G 18/79
C08G 18/42
C08G 18/76
C08G 18/40
C09J 175/08
C08G 18/32
C08G 18/12
C08G 18/38
(11) EP3041902
(21) EP13898587.4
(47) 25.07.2018
(87) CN2013088403
11.06.2015
(22) 03.12.2013
(54) AQUEOUS POLYURETHANE DISPSERSIONS
(73) Dow Global Technologies LLC
Rohm and Haas Company
(72) BAI, Chenyan
QU, Zhaohui

(51) C08L 77/00
C08L 77/06
C08L 77/12
F16L 11/06
F16L 11/04
F16L 9/147
(11) EP2367883
(21) EP09783812.2
(47) 25.07.2018
(87) EP2009063025
10.06.2010
(22) 07.10.2009
(54) USE OF A COMPOSITION FOR THE CONTACT WITH SUPERCRITICAL MEDIA
(73) Evonik Degussa GmbH
(72) DOWE, Andreas
BEUTH, Reinhard
BAUMANN, Franz-Erich
(31) 102008044224
(32) 01.12.2008
(33) Germany

(51) C08L 77/06
B32B 1/02
B32B 27/34
B32B 27/36
C08G 69/28
C08J 3/22
C08K 5/09
(11) EP2573139
(21) EP11783431.7
(47) 25.07.2018
(87) JP2011060845
24.11.2011
(22) 11.05.2011
(54) POLYAMIDE RESIN COMPOSITION
(73) Mitsubishi Gas Chemical Company, Inc.
(72) YAMAMOTO, Takashi
MITADERA, Jun
OTAKI, Ryoji
KATO, Tomonori
(31) 2010136120
2010113025
(32) 15.06.2010
17.05.2010
(33) Japan
Japan

(51) C08L 81/02
C08J 5/06
C08K 5/29
C08K 7/06
C08K 9/04
C08L 101/00
(11) EP3064551
(21) EP14856861.1
(47) 25.07.2018
(87) JP2014078289
07.05.2015
(22) 24.10.2014
(54) FIBER-REINFORCED RESIN COMPOSITION, AND FIBER-REINFORCED COMPOSITE MATERIAL
(73) Toray Industries, Inc.
(72) IMAI, Naokichi
INOSE, Keisuke
SANO, Kentaro
TSUCHIYA, Atsuki
(31) 2013224166
2013224167
(32) 29.10.2013
29.10.2013
(33) Japan
Japan

(51) C08L 81/06
C08L 71/12
C08K 3/40
C08K 7/14
(11) EP2794759
(21) EP12812593.7
(47) 25.07.2018
(87) EP2012076017
27.06.2013
(22) 18.12.2012
(54) HIGH PERFORMANCE SULFONE POLYMER COMPOSITION
(73) Solvay Specialty Polymers USA, LLC.
(72) GAUTAM, Keshav
EL-HIBRI, Mohammad Jamal
(31) 201161578331 P
(32) 21.12.2011
(33) United States of America

(51) C08L 83/12
(11) EP2853564
(21) EP14186635.0
(47) 25.07.2018
(22) 26.09.2014
(54) Active Energy Line Curing Type Composition, Container that Accommodates Composition, Inkjet Discharging Device Having Container, and Cured Matter
(73) Ricoh Company, Ltd.
(72) Seno, Shinya
Hiraoka, Takao
(31) 2013200802
(32) 27.09.2013
(33) Japan

(51) C08L 91/08
C08L 57/02
C08L 91/06
(11) EP3052570
(21) EP14776863.4
(47) 25.07.2018
(87) EP2014070666
02.04.2015
(22) 26.09.2014
(54) CASTING WAX
(73) Remet UK Ltd
(72) PARASZCZAK, John Stanley
MORSS, Randolph Eugene
BRADLEY, Grant
(31) 201317300
(32) 30.09.2013
(33) United Kingdom

(51) C08L 101/00
C07C 31/38
C07C 43/13
C07F 5/02
C08K 5/55
C09D 201/00
C09K 3/18
C03C 17/00
(11) EP3118263
(21) EP15762201.0
(47) 25.07.2018
(87) JP2015057023
17.09.2015
(22) 10.03.2015
(54) COMPOSITE MATERIAL OF RESIN-FLUORINE-CONTAINING BORIC ACID COMPOSITE PARTICLES

(73) Unimatec Co., Ltd.
Hirosaki University
(72) FUKUSHIMA, Takeshi
SATO, Katsuyuki
SAWADA, Hideo
(31) 2014047314
(32) 11.03.2014
(33) Japan

(51) C08L 101/00
C08J 3/22
C08K 9/04
C08L 79/00
C08L 67/00
(11) EP3048137
(21) EP14857840.4
(47) 25.07.2018
(87) JP2014078291
07.05.2015
(22) 24.10.2014
(54) MOLDING MATERIAL, METHOD FOR PRODUCING SAME, AND MASTER BATCH USED IN SAME
(73) Toray Industries, Inc.
(72) SANO, Kentaro
INOSE, Keisuke
IMAI, Naokichi
TSUCHIYA, Atsuki
(31) 2013224131
2013271329
2013271330
(32) 29.10.2013
27.12.2013
27.12.2013
(33) Japan
Japan
Japan

(51) C09B 67/46
B41J 2/01
B41M 5/00
C09B 33/12
C09B 67/20
C09D 11/00
C09D 17/00
(11) EP2671926
(21) EP12741914.1
(47) 25.07.2018
(87) JP2012052554
09.08.2012
(22) 03.02.2012
(54) AQUEOUS PIGMENT DISPERSION AND PROCESS FOR PRODUCTION THEREOF, AND INK FOR INKJET RECORDING
(73) FUJIFILM Corporation
(72) TATEISHI Keiichi
HAYASHI Shinya
NAGATA Yoshiaki
(31) 2011023410
2012021974
(32) 04.02.2011
03.02.2012
(33) Japan
Japan

(51) C09C 1/00
C09D 5/08
(11) EP2398861
(21) EP10704159.2
(47) 25.07.2018
(87) EP2010052118
26.08.2010
(22) 19.02.2010
(54) DETOXIFICATION METHOD FOR OBTAINING A ZINCKY PIGMENTARY COMPOUND WITH NO ECOTOXICITY
(73) Societe Nouvelle Des Couleurs Zinciques
(72) BERTELOOT, Christelle
ERNST, Vincent
MAVEL, Ludovic
(31) 0951104
(32) 20.02.2009
(33) France

(51) C09D 5/00
(11) EP3071653
(21) EP14799769.6
(47) 25.07.2018
(87) EP2014074874
21.05.2015
(22) 18.11.2014
(54) MIXING SYSTEM FOR THE PRODUCTION OF TOP COAT COMPOSITIONS AND COATING COMPOSITIONS USED AS FILLER
(73) BASF Coatings GmbH
(72) BLASER, Alexander
LENZ, Sebastian
BREUER, Julia
BLOEMER, Gabriele
(31) 13193313
(32) 18.11.2013
(33) European Patent Office (EPO)

(51) C09D 5/00
(11) EP2999753
(21) EP14729459.9
(47) 25.07.2018
(87) NL2014050322
27.11.2014
(22) 21.05.2014
(54) THERMALLY CURABLE COATING SYSTEMS
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) BUSKENS, Pascal Jozef Paul
ARFSTEN, Nanning Joerg
MOURAD, Maurice Christian Danho
WOUTERS, Maria Elizabeth Louise
DORTMANS, Leonardus Johannus Maria Genoveva
(31) 13168570
13169298
(32) 21.05.2013
27.05.2013
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C09D 5/03
C08L 67/00
C08L 67/08
C08L 77/00
C08L 77/08
(11) EP3183303
(21) EP15766059.8
(47) 25.07.2018
(87) EP2015069261
25.02.2016
(22) 21.08.2015
(54) AQUEOUS COATING COMPOSITION FOR APPLYING A BASE VARNISH LAYER CONTAINING A MIXTURE OF A POLYESTER AND A POLYAMIDE WITH LOW ACID NUMBER AS A RHEOLOGY CONTROL AGENT
(73) BASF Coatings GmbH
(72) CORTEN, Cathrin
EIERHOFF, Dirk
KRETH, Susanne-Katharina
WILM, Patrick
SCHWARZ, Jörg
(31) 14182024
(32) 22.08.2014
(33) European Patent Office (EPO)

(51) C09D 5/32
C23C 2/26
C08K 3/04
C21D 6/00
C23C 2/40
C21D 9/46
C21D 9/50
C21D 1/22
C22C 38/06
C22C 38/02
C22C 38/04
B21D 22/02
B21D 35/00
C09D 123/06
C09D 133/02
C09D 163/00
C09D 167/02
C21D 8/02
C22C 38/28
C22C 38/32
C23F 17/00
(11) EP3126459
(21) EP15712408.2
(47) 25.07.2018
(87) IB2015000143
08.10.2015
(22) 13.02.2015
(54) PROCESS FOR HIGH PRODUCTIVITY PRODUCTION OF STEEL PARTS COATED AND PRESS HARDENED
(73) ArcelorMittal
(72) DESSAIN, Christine
SANADRES, Michel
(31) PCT/IB2014/000455
(32) 31.03.2014
(33) World Intellectual Property Office (WIPO)

(51) C09D 11/00
C09D 11/322
C09D 11/52
C09D 11/037
(11) EP2599840
(21) EP11812522.8
(47) 25.07.2018
(87) JP2011067082
02.02.2012
(22) 27.07.2011
(54) SILVER INK COMPOSITION AND BASE MATERIAL
(73) TOPPAN FORMS CO., LTD.
(72) MATSUMOTO Takafumi
(31) 2010172662
2011138437
(32) 30.07.2010
22.06.2011
(33) Japan
Japan

(51) C09D 11/101
C09D 11/38
C09D 4/00
(11) EP2801595
(21) EP14164675.2
(47) 25.07.2018
(22) 15.04.2014
(54) Photopolymerizable inkjet ink, ink cartridge, photopolymerizable composition, and coated matter
(73) Ricoh Company, Ltd.
(72) Hiraoka, Takao
(31) 2013097313
2014035643
(32) 07.05.2013
26.02.2014
(33) Japan
Japan

(51) C09D 11/322
C09D 11/38
(11) EP2935479
(21) EP13814249.2
(47) 25.07.2018
(87) JP2013083537
26.06.2014
(22) 10.12.2013
(54) INK-JET PRINTING METHOD
(73) Kao Corporation
(72) WAKABAYASHI, Yuki
MITSUYOSHI, Kaname
SOMA, Hiroto
(31) 2012276127
(32) 18.12.2012
(33) Japan

(51) C09D 165/00
C08G 61/00
(11) EP2850143
(21) EP13790991.7
(47) 25.07.2018
(87) AU2013000512
21.11.2013
(22) 17.05.2013
(54) PROCESS OF COATING SUBSTRATE SURFACE WITH HYDROGEN CYANIDE MONOMERIC UNITS
(73) Commonwealth Scientific and Industrial Research Organisation
(72) THISSEN, Helmut
EVANS, Richard
KOEGLER, Aylin
(31) 2012902037
(32) 17.05.2012
(33) Australia

(51) C09D 175/06
(11) EP3152245
(21) EP15727903.5
(47) 25.07.2018
(87) EP2015061246
10.12.2015
(22) 21.05.2015
(54) COATINGS FOR METAL AND PLASTIC SUBSTRATES WHICH CAN BE SELECTIVELY PICKLED
(73) BASF Coatings GmbH
(72) SEEGER, Dirk
PIECHA, Christoph
HOMANN, Nadine
(31) 14171524
(32) 06.06.2014
(33) European Patent Office (EPO)

(51) C09D 183/04
B05D 5/08
C09D 7/65
(11) EP2176367
(21) EP08761202.4
(47) 25.07.2018
(87) EP2008057759
24.12.2008
(22) 19.06.2008
(54) PROCESS FOR REDUCING THE APPEARANCE OF MIST DURING THE COATING OF FLEXIBLE SUPPORTS WITH A CROSSLINKABLE LIQUID SILICONE COMPOSITION IN A ROLL DEVICE
(73) ELKEM SILICONES France SAS
(72) MARTIN, Nadia
IRELAND, Tania
FRANCES, Jean-Marc
DERUELLE, Martial
MAADADI, Yassine
(31) 0704442
(32) 21.06.2007
(33) France

(51) C09D 183/14
C08G 77/12
C08G 77/14
C08G 77/16
C08G 77/18
C08G 77/50
C08L 83/14
H01L 33/56
(11) EP3187554
(21) EP16202410.3
(47) 25.07.2018
(22) 06.12.2016
(54) CONDENSATION CURABLE RESIN COMPOSITION AND SEMICONDUCTOR PACKAGE
(73) Shin-Etsu Chemical Co., Ltd.
(72) KUSUNOKI, Takayuki
(31) 2015249522
2016028902
(32) 22.12.2015
18.02.2016
(33) Japan
Japan

(51) C09J 7/00
C09J 175/08
(11) EP2565245
(21) EP12182361.1
(47) 25.07.2018
(22) 30.08.2012
(54) Moisture-proof material
(73) NITTO DENKO CORPORATION
(72) Muta, Shigeki
Suzuki, Masatoshi
(31) 201161528930 P
(32) 30.08.2011
(33) United States of America

(51) C09J 153/02
C09J 7/38
C08K 5/00
(11) EP2838944
(21) EP13711701.6
(47) 25.07.2018
(87) EP2013056277
24.10.2013
(22) 25.03.2013
(54) TEMPERATURE STABLE, CURABLE ADHESIVES WITH HART AND SOFT BLOCKS
(73) tesa SE
(72) KEITE-TELGENBÜSCHER, Klaus
ELLINGER, Jan
GRÜNAUER, Judith
KRAWINKEL, Thorsten
(31) 102012206265
(32) 17.04.2012
(33) Germany

(51) C09J 161/00
C09J 161/06
C09J 161/28
C08L 23/06
C08L 23/12
C08L 23/10
C08L 23/00
C08L 23/04
(11) EP2486104
(21) EP10763259.8
(47) 25.07.2018
(87) US2010050166
14.04.2011
(22) 24.09.2010
(54) TEXTILE STRUCTURE
(73) Johns Manville
(72) GLEICH, Klaus Friedrich
MIELE, Philip, Francis
KETZER, Michael
(31) 249916 P
(32) 08.10.2009
(33) United States of America

(51) C09J 175/08
(11) EP2978601
(21) EP14730021.4
(47) 25.07.2018
(87) US2014037278
04.12.2014
(22) 08.05.2014
(54) LAMINATION METHOD
(73) Dow Global Technologies LLC
Rohm and Haas Company
(72) ZUPANCIC, Joseph J.
HEATH, William H.
JIMENEZ, Jorge
MARINE, Amira A.
SHUTOV, Pavel L.
VIETTI, David E.
(31) 201361828846 P
(32) 30.05.2013
(33) United States of America

(51) C09J 201/00
C09J 11/06
C09J 133/02
C09F 1/04
(11) EP3118275
(21) EP15760959.5
(47) 25.07.2018
(87) JP2015057168
17.09.2015
(22) 11.03.2015
(54) PRESSURE-SENSITIVE ADHESIVE COMPOSITION AND ACRYLIC

PRESSURE-SENSITIVE ADHESIVE COMPOSITION
(73) Arakawa Chemical Industries, Ltd.
(72) NAKATANI, Takashi
SATO, Yoshimasa
KASHIHARA, Tetsuya
FUNAKOSHI, Yasushi
(31) 2014048277
(32) 12.03.2014
(33) Japan

(51) C09K 5/04
(11) EP3012307
(21) EP14813024.8
(47) 25.07.2018
(87) CN2014080373
24.12.2014
(22) 20.06.2014
(54) MIXED REFRIGERANT
(73) Sinochem Lantian Co., Ltd.
Zhejiang Lantian Environmental Protection Hi-Tech Co. Ltd.
(72) GUO, Zhikai
XIE, Pinzan
(31) 201310251473
(32) 21.06.2013
(33) China

(51) C09K 5/04
(11) EP2092037
(21) EP07871949.9
(47) 25.07.2018
(87) FR2007052533
17.07.2008
(22) 17.12.2007
(54) COMPOSITIONS THAT CAN BE USED AS REFRIGERANTS
(73) ARKEMA FRANCE
(72) RACHED, Wissam
(31) 0655613
(32) 19.12.2006
(33) France

(51) C09K 8/035
C09K 8/60
C09K 8/68
(11) EP2814902
(21) EP13703606.7
(47) 25.07.2018
(87) EP2013052775
22.08.2013
(22) 12.02.2013
(54) USE AND METHODS, USING AN AGENT FOR INHIBITING THE SWELLING OF CLAYS
(73) RHODIA OPERATIONS
(72) BADEL, Thierry
CADIX, Arnaud
(31) 1251359
(32) 14.02.2012
(33) France

(51) C09K 8/08
C09K 8/12
C09K 8/60
C09K 8/68
(11) EP2247687
(21) EP09707070.0
(47) 25.07.2018
(87) US2009032142
06.08.2009
(22) 27.01.2009
(54) COMPOSITIONS AND METHODS OF TREATING HIGH TEMPERATURE SUBTERRANEAN FORMATIONS
(73) Baker Hughes, a GE company, LLC
(72) CARMAN, Paul, S.
DAWSON, Jeffrey, C.
(31) 20755
20671
(32) 28.01.2008
28.01.2008
(33) United States of America
United States of America

(51) C09K 11/02
C09K 11/56
C09K 11/70
C09K 11/88
G02F 1/00
H01L 33/50
(11) EP3116972
(21) EP15710050.4
(47) 25.07.2018
(87) US2015018254
17.09.2015
(22) 02.03.2015
(54) COMPOSITE NANOPARTICLES INCLUDING A THIOL-SUBSTITUTED SILICONE
(73) 3M Innovative Properties Company
(72) QUI, Zai-Ming
(31) 201461950281 P
(32) 10.03.2014
(33) United States of America

(51) C09K 11/06
(11) EP1603990
(21) EP04717900.7
(47) 25.07.2018
(87) KR2004000472
16.09.2004
(22) 05.03.2004
(54) ORGANIC ELECTROLUMINESCENT DEVICE
(73) LG Display Co., Ltd.
(72) SEO, Jeong Dae
KIM, Hee Jung
LEE, Kyung Hoon
OH, Hyoung Yun
KIM, Myung Seop
PARK, Chun Gun
(31) 2003013700
2003020468
(32) 05.03.2003
01.04.2003
(33) Korea (Republic)
Korea (Republic)

(51) C09K 11/06
H01L 51/00
C07C 211/54
C07C 211/61
C07D 307/91
H01L 51/50
C07D 333/50
C07D 409/12
C07D 307/77
C07D 209/80
(11) EP2941472
(21) EP13802251.2
(47) 25.07.2018
(87) EP2013003716
10.07.2014
(22) 09.12.2013
(54) MATERIALS FOR ELECTRONIC DEVICES
(73) Merck Patent GmbH
(72) HEIL, Holger
RODRIGUEZ, Lara-Isabel
ECKES, Fabrice
GERHARD, Anja
(31) 13000012
(32) 03.01.2013
(33) European Patent Office (EPO)

(51) C09K 11/80
B82Y 30/00
C09K 11/02
(11) EP2578663
(21) EP10851952.1
(47) 25.07.2018
(87) CN2010073222
01.12.2011
(22) 25.05.2010
(54) ALUMINATE-BASED FLUORESCENT POWDER COATED BY METAL NANOPARTICLE AND PRODUCTION METHOD THEREOF
(73) Ocean's King Lighting Science&Technology Co., Ltd.
(72) ZHOU, Mingjie
LIU, Jun
MA, Wenbo

(51) C09K 11/80
H01L 33/50
(11) EP2395065
(21) EP11169218.2
(47) 25.07.2018
(22) 09.06.2011
(54) Phosphor particles, light-emitting diode, and illuminating device and liquid crystal panel backlight device using them
(73) Shin-Etsu Chemical Co., Ltd.
(72) Tsukatani, Toshihiko
Wataya, Kazuhiro
(31) 2010131609
(32) 09.06.2010
(33) Japan

(51) C10B 55/10
(11) EP2356391
(21) EP09816594.7
(47) 25.07.2018
(87) US2009005337
01.04.2010
(22) 25.09.2009
(54) FLUID COKER UNIT WITH A SCRUBBER SECTION AND METHOD FOR REDUCING FOULING IN SAID SCRUBBER SECTION
(73) ExxonMobil Research and Engineering Company
(72) MCKNIGHT, Craig, A.
HACKMAN, Larry, F.
KNAPPER, Brian, A.
BULBUC, Daniel
JONES, George, B.
TYLER, Jonathan
KIEL, Darwin
(31) 232947
(32) 26.09.2008
(33) United States of America

(51) C10B 57/06
C10B 53/08
C10B 57/10
C21B 5/00
(11) EP1881051
(21) EP06732642.1
(47) 25.07.2018
(87) JP2006309981
16.11.2006
(22) 12.05.2006
(54) PROCESS FOR PRODUCING BLAST FURNACE COKE
(73) Nippon Steel & Sumitomo Metal Corporation
(72) KATOU, Kenji c/o NIPPON STEEL CORPORATION
SUGIYAMA, Isao c/o NIPPON STEEL CORPORATION
NAKASHIMA, Yoshiaki c/o NIPPON STEEL CORPORATION
UEMATSU, Hiroshi c/o NIPPON STEEL CORPORATION
ARIMA, Takashi c/o NIPPON STEEL CORPORATION
YOKOMIZO, Masahiko c/o NIPPON STEEL CORPORATION
SAKAIDA, Michitaka c/o NIPPON STEEL CORPORATION
(31) 2005141524
(32) 13.05.2005
(33) Japan

(51) C10G 3/00
C10B 53/00
B09B 3/00
F23G 5/027
C10G 1/02
(11) EP2678405
(21) EP12749454.0
(47) 25.07.2018
(87) US2012023460
30.08.2012
(22) 01.02.2012
(54) HEAT REMOVAL AND RECOVERY IN BIOMASS PYROLYSIS
(73) Ensyn Renewables, Inc.
(72) KULPRATHIPANJA, Sathit
PALMAS, Paolo
MYERS, Daniel, N.
(31) 201113031701
(32) 22.02.2011
(33) United States of America

(51) C10G 45/60
(11) EP2217684
(21) EP08844211.6
(47) 25.07.2018
(87) US2008081463
07.05.2009
(22) 28.10.2008
(54) HYDROCONVERSION PROCESSES EMPLOYING MULTI-METALLIC CATALYSTS AND METHOD FOR MAKING THEREOF
(73) Chevron U.S.A. Inc.
(72) MAESEN, Theodorus
KUPERMAN, Alexander, E.
O'REAR, Dennis, J.
FONG, Darren
ZHAN, Bi-zeng
RAINIS, Andrew
DILLON, Christopher, J.
TREVINO, Horacio
(31) 984240 P
984221 P
984195 P
984353 P
984363 P
259529
259507
259467
259495
(32) 31.10.2007
31.10.2007
31.10.2007
31.10.2007
31.10.2007
28.10.2008
28.10.2008
28.10.2008
28.10.2008
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) C10G 53/06
C10G 7/12
C10G 21/00
G01N 33/28
(11) EP2970791
(21) EP14707311.8
(47) 25.07.2018
(87) US2014017246
02.10.2014
(22) 20.02.2014
(54) PRODUCTION OF NON-CARCINOGENIC BRIGHTSTOCK EXTRACTS
(73) ExxonMobil Research and Engineering Company
(72) SIRCAR, Cristina, M.
ALDOUS, Keith, K.
FREEMAN, James, J.
GOYAK, Katy, O.
(31) 201313803454
(32) 14.03.2013
(33) United States of America

(51) C10G 69/00
C10G 69/06
C10G 57/00
(11) EP3110920
(21) EP14809435.2
(47) 25.07.2018
(87) EP2014077246
03.09.2015
(22) 10.12.2014
(54) PROCESS FOR PRODUCING BTX FROM A MIXED HYDROCARBON SOURCE USING COKING
(73) Saudi Basic Industries Corporation
SABIC Global Technologies B.V.
Ward, Andrew Mark
Schaerlaeckens, Egidius Jacoba Maria
Willigenburg Van, Joris
Velasco Pelaez, Raul
(72) WARD, Andrew Mark
SCHAERLAECKENS, Egidius Jacoba Maria
VAN WILLIGENBURG, Joris
VELASCO PELAEZ, Raul
OPRINS, Arno Johannes Maria
NARAYANASWAMY, Ravichander
RAJAGOPALAN, Vijayanand
(31) 14156609
(32) 25.02.2014
(33) European Patent Office (EPO)

(51) C10J 3/76
C10J 3/52
(11) EP2542653
(21) EP11708399.8
(47) 25.07.2018
(87) EP2011000863
09.09.2011
(22) 23.02.2011
(54) WATER DISTRIBUTION SYSTEM FOR A GASIFICATION REACTOR
(73) ThyssenKrupp Industrial Solutions AG
(72) KOWOLL, Johannes
(31) 102010009721
(32) 01.03.2010
(33) Germany

(51) C10L 1/04
C10L 10/14
(11) EP2333032
(21) EP10194374.4
(47) 25.07.2018
(22) 09.12.2010
(54) PROZESS TO PREPARE A HYDROCARBON COMPOSTION USEFUL AS FUEL OR COMBUSTILBE
(73) ENI S.p.A.
(72) Guanziroli, Silvia
Baldiraghi, Franco
Rispoli, Giacomo Fernando
(31) MI20092163
(32) 09.12.2009
(33) Italy

(51) C10L 5/44
C10L 9/08
C10L 5/36
(11) EP2373767
(21) EP09744786.6
(47) 25.07.2018
(87) NO2009000346
24.06.2010
(22) 05.10.2009
(54) A METHOD FOR THE PRODUCTION OF PELLETS OR BRIQUETTES
(73) Zilkha Biomass Technologies LLC
(72) GRØNN, Arne Johannes
(31) 20085249
20092136
(32) 15.12.2008
02.06.2009
(33) Norway
Norway

(51) C10M 101/02
C10M 107/02
A01N 25/02
C08K 5/01
C09D 11/02
C09K 8/02
C10G 9/00
C10G 11/00

C10G 45/58
C10G 47/00
C10L 1/04
C10L 11/04
(11) EP2406356
(21) EP10716382.6
(47) 25.07.2018
(87) FR2010050426
16.09.2010
(22) 11.03.2010
(54) HYDRODEWAXED HYDROCARBON FLUID USED IN THE MANUFACTURE OF FLUIDS FOR INDUSTRIAL, AGRICULTURAL, OR DOMESTIC USE
(73) TOTAL MARKETING SERVICES
(72) WESTELYNCK, Antoine
AUBRY, Christine
WIESSLER, Achim
(31) 0901155
(32) 12.03.2009
(33) France

(51) C10M 111/04
C10N 30/06
C10N 40/25
C10N 40/26
(11) EP2531582
(21) EP11705319.9
(47) 25.07.2018
(87) US2011022965
04.08.2011
(22) 28.01.2011
(54) USE OF ENGINE OIL COMPOSITIONS FOR IMPROVING THE FUEL EFFICIENCY OF LARGE LOW AND MEDIUM SPEED ENGINES BY REDUCING THE TRACTION COEFFICIENT
(73) ExxonMobil Research and Engineering Company
(72) TELLIER, Kathleen, H.
CAREY, Vincent, Mark
CROUTHAMEL, Kevin, Louis
(31) 337182 P
337205 P
337213 P
337215 P
337204 P
(32) 01.02.2010
01.02.2010
01.02.2010
01.02.2010
01.02.2010
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) C10M 129/10
C10M 159/22
(11) EP1760135
(21) EP06254574.4
(47) 25.07.2018
(22) 01.09.2006
(54) Linear alkylphenol derived detergent substantially free of endocrine disruptive chemicals
(73) Chevron Oronite Company LLC
Chevron U.S.A. Inc.
(72) Stonebraker, Peter Michael
Roberts, Linda Susan Gordon
Campbell, Curtis B.
(31) 218390
(32) 01.09.2005
(33) United States of America

(51) C10M 147/04
(11) EP3177701
(21) EP15750276.6
(47) 25.07.2018
(87) EP2015067354
11.02.2016
(22) 29.07.2015
(54) LUBRICATION METHOD WITH ALKOXYLATED PERFLUOROPOLYETHER
(73) Solvay Specialty Polymers Italy S.p.A.
(72) MACCONE, Patrizia
GUARDA, Pier Antonio
BOCCALETTI, Giovanni
(31) 14179867
(32) 05.08.2014
(33) European Patent Office (EPO)

(51) C10M 157/00
C10M 143/00
C10N 30/02
C10N 40/25
(11) EP1783197
(21) EP06121850.9
(47) 25.07.2018
(22) 05.10.2006
(54) Lubricating oil compositions
(73) Infineum International Limited
(72) Chu, Chin, c/o INFINEUM USA L.P.
Hartley, Rolfe John, c/o INFINEUM USA L.P.
Briggs, Stuart c/o INFINEUM USA L.P.
Emert, Jacob, c/o INFINEUM USA L.P.
Bansai, Jai G. c/o INFINEUM USA L.P.
(31) 266789
(32) 04.11.2005
(33) United States of America

(51) C10M 169/00
C10M 101/02
C10M 105/04
C10M 105/32
C10M 107/02
C10M 115/08
C10M 125/10
C10M 129/32
C10M 135/10
C10M 135/18
C10N 10/02
C10N 10/04
C10N 10/12
C10N 30/06
C10N 40/00
C10N 40/02
C10N 40/04
C10N 50/10
(11) EP2660305
(21) EP11852363.8
(47) 25.07.2018
(87) JP2011079145
05.07.2012
(22) 16.12.2011
(54) GREASE COMPOSITION, GREASE PRELUBRICATED BEARING, UNIVERSAL JOINT AND LINEAR MOTION DEVICE
(73) NTN Corporation
(72) KAWAMURA, Takayuki
ASAO, Mitsunari
(31) 2010294495
(32) 29.12.2010
(33) Japan

(51) C11B 1/02
C12N 1/06
C12N 1/12
C10L 1/02
C12P 7/64
(11) EP3172297
(21) EP15720209.4
(47) 25.07.2018
(87) EP2015060309
28.01.2016
(22) 11.05.2015
(54) METHOD FOR TREATING ALGAE
(73) Stamicarbon B.V. acting under the name of MT Innovation Center
(72) CHIAPPE, Cinzia
POMELLI, Christian
MEZZETTA, Andrea
MASCIOCCHI, Barbara
GENTILE, Alessio
(31) 14178212
(32) 23.07.2014
(33) European Patent Office (EPO)

(51) C11B 3/00
A23D 9/04
C11B 3/04
C11B 3/06
C11B 3/14
C12N 9/18
(11) EP2545150
(21) EP11709190.0
(47) 25.07.2018
(87) IB2011050742
15.09.2011
(22) 23.02.2011
(54) PROCESS
(73) DuPont Nutrition Biosciences ApS
(72) MIKKELSEN, Rene
JØRGENSEN, Tina
SØE, Jørn Borch
(31) 313194 P
10156412
(32) 12.03.2010
12.03.2010
(33) United States of America
European Patent Office (EPO)

(51) C11B 9/00
B65F 1/00
C08K 5/00
(11) EP2836579
(21) EP13717656.6
(47) 25.07.2018
(87) US2013035219
17.10.2013
(22) 04.04.2013
(54) MALODOR REDUCTION COMPOSITIONS
(73) The Procter & Gamble Company
(72) HOLLINGSHEAD, Judith, Ann
HORENZIAK, Steven, Anthony
MALANYAON, Michael-Vincent, Nario

JEAN-MARY, Fleumingue
(31) 201261622030 P
(32) 10.04.2012
(33) United States of America

(51) C11D 1/83
C11D 1/94
C11D 11/00
C11D 3/20
(11) EP2534230
(21) EP11739488.2
(47) 25.07.2018
(87) IB2011050536
11.08.2011
(22) 08.02.2011
(54) REDUCED SMOKING TEXTILE CARE DETERGENTS
(73) Ecolab USA Inc.
(72) SOWLE, Eddie D.
BILSKI, Matthew A.
GUZMAN, Max M.
HUBIG, Stephan M.
(31) 302376 P
(32) 08.02.2010
(33) United States of America

(51) C11D 3/04
C11D 3/06
C11D 3/08
C11D 3/10
C11D 3/30
C11D 3/50
C11D 17/00
C11D 17/04
(11) EP3116985
(21) EP15714064.1
(47) 25.07.2018
(87) US2015019908
17.09.2015
(22) 11.03.2015
(54) DETERGENT COMPOSITION
(73) The Procter & Gamble Company
(72) BUREIKO, Andrei, Sergeevich
LEFEBVRE, Robin
PELFREY, Christa, Sue
VOLONT, Cedric, Joseph
(31) 201461951606 P
(32) 12.03.2014
(33) United States of America

(51) C11D 3/22
(11) EP2164940
(21) EP08756167.6
(47) 25.07.2018
(87) US2008064626
04.12.2008
(22) 23.05.2008
(54) WARE WASHING SYSTEM CONTAINING POLYSACCHARIDE
(73) Diversey, Inc.
(72) NEPLENBROEK, Antonius, Maria
DUSART, Fabien, Bruno
VAN DRUNEN, Diedrick, Hendricus
HOUCHE, Amandine, Aurelie, Marie
(31) 07108958
(32) 25.05.2007
(33) European Patent Office (EPO)

(51) C11D 3/33
C11D 17/04
(11) EP3026100
(21) EP14194872.9
(47) 25.07.2018
(22) 26.11.2014
(54) Cleaning pouch
(73) The Procter & Gamble Company
(72) Letzelter, Nathalie
Hulskotter, Frank
Murkunde, Rohan
Goodall, Kevin
Reinoso-Garcia, Marta
Boeckh, Dieter
Biel, Markus

(51) C11D 7/32
C11D 3/22
C11D 3/33
C11D 7/26
(11) EP2912155
(21) EP12887030.0
(47) 25.07.2018
(87) CN2012083599
01.05.2014
(22) 26.10.2012
(54) DISSOLVABLE AQUEOUS GELS WITH HIGH CHELANT LOADING
(73) Rohm and Haas Company
Dow Global Technologies LLC
(72) YUN, Yonnie Dong
CHEN, Wei
SPANGENBERG, Oliver

(51) C11D 17/04
C11D 3/33
C11D 3/37
(11) EP3026103
(21) EP14194873.7
(47) 25.07.2018
(22) 26.11.2014
(54) Cleaning pouch
(73) The Procter & Gamble Company
(72) Letzelter, Nathalie
Hulskotter, Frank
Murkunde, Rohan
Goodall, Kevin
Reinoso-Garcia, Marta
Boeckh, Dieter
Biel, Markus

(51) C12G 1/00
C12G 1/02
(11) EP2993224
(21) EP15186350.3
(47) 25.07.2018
(22) 13.01.2012
(54) PROCESS FOR THE TREATMENT AND THE WINEMAKING OF GRAPES
(73) Pinco SA
(72) CATELLI, Cesare
MENCARELLI, Fabio
(31) BG20110002
(32) 14.01.2011
(33) Italy

(51) C12M 3/00
C12M 1/00
C12M 1/34
C12M 1/32
(11) EP3177708
(21) EP15757598.6
(47) 25.07.2018
(87) US2015043864
11.02.2016
(22) 05.08.2015
(54) FLUID CIRCULATION SYSTEMS INCORPORATING FLUID LEVELING DEVICES
(73) The Charles Stark Draper Laboratory, Inc.
(72) COPPETA, Jonathan
ISENBERG, Brett
MESCHER, Mark
(31) 201462033185 P
(32) 05.08.2014
(33) United States of America

(51) C12N 1/04
C12P 7/06
C12P 7/40
C12M 1/00
C12R 1/145
(11) EP2401359
(21) EP10746498.4
(47) 25.07.2018
(87) NZ2010000029
02.09.2010
(22) 23.02.2010
(54) METHODS OF SUSTAINING CULTURE VIABILITY
(73) Lanzatech New Zealand Limited
(72) SIMPSON, Sean Dennis
COLLET, Christophe
AL-SINAWI, Bakir
(31) 155870 P
(32) 26.02.2009
(33) United States of America

(51) C12N 1/12
C12N 1/36
C12N 15/01
C12N 15/11
C12N 15/82
C12N 15/87
C07K 14/415
C07K 14/405
(11) EP2929029
(21) EP13860017.6
(47) 25.07.2018
(87) US2013073741
12.06.2014
(22) 06.12.2013
(54) ALGAL MUTANTS HAVING A LOCKED-IN HIGH LIGHT ACCLIMATED PHENOTYPE
(73) Synthetic Genomics, Inc.
(72) BAILEY, Shaun
MCCARREN, Jay
LIEBERMAN, Soyan, Leung
MEUSER, Jonathan, E.
ROMANO, Anna, E.
YEE, Daniel
SORIAGA, Leah
BROWN, Robert, C.
WEISSMAN, Joseph, C.
PRINCE, Roger, C.
NIELSEN, Robert, D.
SCHWARTZ, Ariel, S.
(31) 201261733956 P
201361810216 P
201361869590 P
201361881342 P
(32) 06.12.2012
09.04.2013
23.08.2013
23.09.2013

(33) United States of America
United States of America
United States of America
United States of America

(51) C12N 1/12
C12N 1/38
C12P 7/64
(11) EP3018198
(21) EP14192180.9
(47) 25.07.2018
(22) 07.11.2014
(54) Method of cultivating algae
(73) Neste Oyj
Suomen ympäristökeskus SYKE
(72) Tanner, Reijo
Seppälä, Jukka
Tamminen, Timo
Spilling, Kristian
Ylöstalo, Pasi
Uronen, Pauliina

(51) C12N 1/20
A61P 13/04
A61P 13/12
A61K 35/74
A61K 31/702
A61K 31/733
A61K 35/747
C12R 1/225
(11) EP2707477
(21) EP12731647.9
(47) 25.07.2018
(87) IB2012000895
11.04.2013
(22) 09.05.2012
(54) BACTERIAL STRAINS CAPABLE OF METABOLIZING OXALATES
(73) Probiotical S.p.A.
(72) MOGNA, Giovanni
STROZZI, Gian Paolo
MOGNA, Luca
(31) MI20110791
(32) 09.05.2011
(33) Italy

(51) C12N 5/02
G01N 1/40
G01N 15/14
(11) EP2812428
(21) EP13712360.0
(47) 25.07.2018
(87) IB2013050958
15.08.2013
(22) 05.02.2013
(54) METHOD OF FORMING A MULTILAYER AGGREGATE OF OBJECTS
(73) Centre National de la Recherche Scientifique
(72) BAZOU, Despina
HOYOS, Mauricio
CASTRO CAMACHO, Luz Angelica
(31) 12154125
(32) 06.02.2012
(33) European Patent Office (EPO)

(51) C12N 5/0793
C12N 5/079
C12N 5/071
C12N 5/077
A61K 35/30
A61K 35/34
(11) EP2970877
(21) EP14763675.7
(47) 25.07.2018
(87) US2014030456
18.09.2014
(22) 17.03.2014
(54) NEURAL PROGENITOR CELL DIFFERENTIATION
(73) Wake Forest University Health Sciences
(72) Bitar, Khalil
(31) 201361788285 P
(32) 15.03.2013
(33) United States of America

(51) C12N 5/10
(11) EP2940127
(21) EP13869167.0
(47) 25.07.2018
(87) JP2013085260
03.07.2014
(22) 27.12.2013
(54) METHOD FOR PRODUCING INDUCED PLURIPOTENT STEM CELLS, CARDIOMYOCYTES OR PRECURSOR CELLS THEREOF
(73) Kyoto University
(72) KAWAMURA, Teruhisa
(31) 2012288955
(32) 28.12.2012
(33) Japan

(51) C12N 7/00
A01N 63/00
(11) EP3049516
(21) EP13766513.9
(47) 25.07.2018
(87) EP2013069678
26.03.2015
(22) 23.09.2013
(54) PRODUCTION OF VIRUS OCCLUSION BODIES THAT OCCLUDE VIRIONS COMPRISING GENOMES OF DIFFERENT SPECIES OF BACULOVIRUSES THAT CAN BE USED TO COMBAT INSECT PESTS
(73) Universidad Pública De Navarra
Consejo Superior De Investigaciones Científicas
Association pour la Recherche et le Développement des Méthodes et Processus Industriels (ARMINES)
Instituto De Ecología, A.C.
(72) CABALLERO MURILLO, Primitivo
BEPERET ARIVE, Inés
SIMÓN DE GOÑI, Oihane
WILLIAMS, Trevor
LOPEZ-FERBER, Miguel

(51) C12N 7/00
A61K 35/76
C07K 14/125
C07K 14/11
(11) EP2987856
(21) EP15162322.0
(47) 25.07.2018
(22) 05.02.2010
(54) CHIMERIC NEWCASTLE DISEASE VIRUSES AND USES THEREOF
(73) Icahn School of Medicine at Mount Sinai
Memorial Sloan Kettering Cancer Center
(72) ZAMARIN, Dmitriy
GARCIA-SASTRE, Adolfo
PALESE, Peter
FONG, Yuman
(31) 150285 P
(32) 05.02.2009
(33) United States of America

(51) C12N 7/02
(11) EP3067417
(21) EP16166278.8
(47) 25.07.2018
(22) 16.06.2010
(54) IMPROVED METHODS FOR PURIFICATION OF RECOMBINANT AAV VECTORS
(73) Genzyme Corporation
(72) SHELDON, Paulene McLean Quigley
GAGNON, Peter S.
NICHOLS, Gina
THORNE, Barbara A.
(31) 187601 P
(32) 16.06.2009
(33) United States of America

(51) C12N 9/02
A01H 4/00
(11) EP2366777
(21) EP10179358.6
(47) 25.07.2018
(22) 26.10.1999
(54) Mutant luciferase having increased thermostability
(73) Promega Corporation
(72) Squirrell, David James
Murphy, Melanie Jane
Leslie, Rachel Louise
Lowe, Christopher Robin
White, Peter John
Tisi, Laurence Carlo
Murray, James Augustus Henry
(31) 9823468
(32) 28.10.1998
(33) United Kingdom

(51) C12N 9/42
(11) EP2990482
(21) EP15182761.5
(47) 25.07.2018
(22) 27.08.2015
(54) THERMOSTABLE XYLANASE BELONGING TO GH FAMILY 10
(73) HONDA MOTOR CO., LTD.
(72) Kondo, Yasuhiro
Hirose, Yoshitsugu
Yamaguchi, Asuka
Suda, Migiwa
Okuma, Jiro
Kato, Tomohiko
Shibata, Daisuke
(31) 2014175186
(32) 29.08.2014
(33) Japan

(51) C12N 9/42
C12N 15/56
C12N 15/63
C12P 17/02
C12P 19/14
C12R 1/645
C12N 1/19
C12N 9/24
(11) EP2586860
(21) EP11797515.1

(47) 25.07.2018
(87) CN2011072678
29.12.2011
(22) 12.04.2011
(54) NOVEL GLYCOSYL HYDROLASE WITH BETA-XYLOSIDASE AND BETA-GLUCOSIDASE ACTIVITIES AND USES THEREOF
(73) INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES
(72) ZHU, Ping
CHENG, Haili
ZHAO, Ruiyu
CHENG, Kedi
HE, Huixia
MENG, Chao
ZHU, Huixin
(31) 201010209089
(32) 25.06.2010
(33) China

(51) C12N 9/44
A23L 29/30
C12P 19/16
(11) EP3097192
(21) EP15703235.0
(47) 25.07.2018
(87) EP2015051145
30.07.2015
(22) 21.01.2015
(54) PULLULANASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME
(73) Novozymes A/S
(72) MATSUI, Tomoko
YAMAGISHI, Akihiko
(31) 14152110
14195691
(32) 22.01.2014
01.12.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C12N 15/00
A61K 48/00
C12N 15/88
(11) EP2970940
(21) EP14718277.8
(47) 25.07.2018
(87) US2014028330
25.09.2014
(22) 14.03.2014
(54) MRNA THERAPEUTIC COMPOSITIONS AND USE TO TREAT DISEASES AND DISORDERS
(73) Translate Bio, Inc.
(72) HEARTLEIN, Michael
(31) 201361784766 P
(32) 14.03.2013
(33) United States of America

(51) C12N 15/09
C07K 1/22
C07K 14/31
C07K 17/00
C12N 1/15
C12N 1/19
C12N 1/21
C12N 5/10
C12P 21/02
(11) EP2899271
(21) EP13838208.0
(47) 25.07.2018
(87) JP2013075656
27.03.2014
(22) 24.09.2013
(54) PROTEIN LIGAND FOR AFFINITY ISOLATION MATRIX
(73) Kaneka Corporation
(72) YOSHIDA Shinichi
MURATA Dai
KONOIKE Fuminori
IGUCHI Keita
NAKAISHI Tomoyuki
HAYASHI Masahiro
(31) 2012208762
(32) 21.09.2012
(33) Japan

(51) C12N 15/10
(11) EP2683821
(21) EP12713786.7
(47) 25.07.2018
(87) IL2012000109
13.09.2012
(22) 05.03.2012
(54) LOW FUCOSE CELL LINES AND USES THEREOF
(73) Merck Serono SA
(72) HELMAN, Daniel
TOISTER-ACHITUV, Mira
BAR-SHIMON, Meirav
(31) 21158311
21721611
(32) 06.03.2011
27.12.2011
(33) Israel
Israel

(51) C12N 15/10
G01N 33/543
G01N 33/58
(11) EP2870244
(21) EP13813011.7
(47) 25.07.2018
(87) US2013047792
09.01.2014
(22) 26.06.2013
(54) SCALABLE BIO-ELEMENT ANALYSIS
(73) The Board of Trustees of the Leland Stanford Junior University
(72) DIMOV, Ivan, K.
BAER, Thomas, M.
(31) 201261667930 P
201313791967
(32) 03.07.2012
09.03.2013
(33) United States of America
United States of America

(51) C12N 15/11
C12N 15/113
C07H 21/00
(11) EP3045535
(21) EP16156958.7
(47) 25.07.2018
(22) 21.05.2008
(54) METHODS AND USES FOR THERAPEUTIC OLIGOMERS
(73) Arcturus Therapeutics, Inc.
(72) WENGEL, Jesper
(31) 200700751
200701718
200701785
200800534
(32) 22.05.2007
30.11.2007
14.12.2007
11.04.2008
(33) Denmark
Denmark
Denmark
Denmark

(51) C12N 15/113
A61K 31/7088
(11) EP2925866
(21) EP13811114.1
(47) 25.07.2018
(87) DK2013050404
05.06.2014
(22) 29.11.2013
(54) CIRCULAR RNA FOR INHIBITION OF MICRORNA
(73) Aarhus Universitet
(72) KJEMS, Jørgen
BIRKBALLE, Hansen, Thomas
(31) 201261731788 P
(32) 30.11.2012
(33) United States of America

(51) C12N 15/113
A61K 31/713
A61P 11/00
A61P 27/00
(11) EP2319925
(21) EP11153604.1
(47) 25.07.2018
(22) 16.08.2005
(54) Therapeutic uses of inhibitors of RTP801
(73) Quark Pharmaceuticals, Inc.
Silence Therapeutics Aktiengesellschaft
(72) Feinstein, Elena
Kaufmann, Jörg
Giese, Klaus
(31) 601983 P
604668 P
609786 P
638659 P
664236 P
688943 P
04019405
(32) 17.08.2004
25.08.2004
14.09.2004
22.12.2004
22.03.2005
08.06.2005
16.08.2004
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
European Patent Office (EPO)

(51) C12N 15/113
A61K 31/713
A61P 35/00
A61P 31/12
A61P 37/06
(11) EP3000885

(21) EP15192568.2
(47) 25.07.2018
(22) 16.12.2010
(54) ORGANIC COMPOSITIONS TO TREAT HSF1-RELATED DISEASES
(73) Arrowhead Pharmaceuticals, Inc.
(72) HINKLE, Gregory
KUCHIMANCHI, Satyanarayana
MILSTEIN, Stuart
WARMUTH, Markus
ZHOU, Wenlai
ZHU, Ping
ZIMMERMANN, Tracy, S.
(31) 288137 P
(32) 18.12.2009
(33) United States of America

(51) C12N 15/62
A61K 38/46
C12N 9/16
A61P 19/08
(11) EP2348114
(21) EP11000196.3
(47) 25.07.2018
(22) 21.04.2005
(54) Bone delivery conjugates and method of using same to target proteins to bone
(73) Alexion Pharmaceuticals, Inc.
(72) Crine, Philippe
Boileau, Guy
Lemire, Isabelle
Loisel, Thomas P.
(31) 563828 P
590347 P
614984 P
(32) 21.04.2004
23.07.2004
04.10.2004
(33) United States of America
United States of America
United States of America

(51) C12N 15/63
C12N 15/85
C12N 5/10
C12Q 1/68
C12P 21/02
(11) EP3159411
(21) EP15810394.5
(47) 25.07.2018
(87) KR2015006098
23.12.2015
(22) 16.06.2015
(54) VECTOR COMPRISING GENE FRAGMENT FOR ENHANCEMENT OF RECOMBINANT PROTEIN EXPRESSION AND USE THEREOF
(73) Korea Research Institute of Bioscience and Biotechnology
(72) LEE, Eun Gyo
LEE, Hong-Weon
KANG, Shin Young
KIM, Yeon-Gu
JUNG, Joon Ki
AHN, Jungoh
KANG, Seung Hee
KIM, Chun Sug
LEE, Hyeok Won
LEE, Jin Gyeom
(31) 20140073443
(32) 17.06.2014
(33) Korea (Republic)

(51) C12N 15/75
C12Q 1/22
G01N 33/52
(11) EP2970992
(21) EP14709493.2
(47) 25.07.2018
(87) US2014017903
25.09.2014
(22) 24.02.2014
(54) STERILIZATION INDICATOR INCLUDING A SIMPLIFIED GENETICALLY ENGINEERED BIOLOGICAL INDICATOR
(73) American Sterilizer Company
(72) FRANCISKOVICH, Phillip P.
CREGGER, Tricia A.
YIRAVA, William A.
(31) 201313832019
(32) 15.03.2013
(33) United States of America

(51) C12N 15/86
C12N 7/01
A61K 39/155
C07K 16/08
C07K 14/115
A61K 39/00
(11) EP2702159
(21) EP12777657.3
(47) 25.07.2018
(87) US2012033482
01.11.2012
(22) 13.04.2012
(54) MODIFIED SENDAI VIRUS VACCINE AND IMAGING VECTOR
(73) St. Jude Children's Research Hospital
(72) HURWITZ, Julia, Lea
TAKIMOTO, Toru
RUSSELL, Charles, John
PORTNER, Allen
SLOBOD, Karen, S.
(31) 201161480008 P
(32) 28.04.2011
(33) United States of America

(51) C12P 13/12
C12N 15/70
C07K 14/245
C12N 1/20
(11) EP2700715
(21) EP12181028.7
(47) 25.07.2018
(22) 20.08.2012
(54) Method for manufacturing L-amino acids using improved strains of the enterobacteriaceae family by means of fermentation
(73) Evonik Degussa GmbH
(72) Bathe, Brigitte, Dr.
Molck, Stella
Priefert, Horst, Dr.

(51) C12P 19/34
C12Q 1/68
(11) EP3115462
(21) EP16179096.9
(47) 25.07.2018
(22) 23.05.2014
(54) METHODS AND APPARATUS FOR SYNTHESIZING NUCLEIC ACIDS
(73) Molecular Assemblies, Inc.
(72) EFCAVITCH, William J.
SIDDIQI, Suhaib
(31) 201361807327 P
201361891162 P
201314056687
(32) 02.04.2013
15.10.2013
17.10.2013
(33) United States of America
United States of America
United States of America

(51) C12P 21/02
C12N 15/80
C12N 15/90
(11) EP2714914
(21) EP12723652.9
(47) 25.07.2018
(87) EP2012059597
29.11.2012
(22) 23.05.2012
(54) SIMULTANEOUS SITE-SPECIFIC INTEGRATIONS OF MULTIPLE GENE-COPIES IN FILAMENTOUS FUNGI
(73) Novozymes A/S
(72) UDAGAWA, Hiroaki
(31) 11167051
(32) 23.05.2011
(33) European Patent Office (EPO)

(51) C12Q 1/60
C12Q 1/26
C12Q 1/44
(11) EP2495332
(21) EP10826682.6
(47) 25.07.2018
(87) JP2010068883
05.05.2011
(22) 26.10.2010
(54) METHOD FOR MEASURING CHOLESTEROL IN ApoE-CONTAINING HDL
(73) National University Corporation Hokkaido University
DENKA SEIKEN Co., Ltd.
(72) ITOH, Yasuki
CHIBA, Hitoshi
(31) 2009245476
(32) 26.10.2009
(33) Japan

(51) C12Q 1/68
(11) EP2636753
(21) EP13156208.4
(47) 25.07.2018
(22) 21.02.2013
(54) Method and means for identification of animal species
(73) City University of Hong Kong
(72) Cheng, Shuk Han
Lin, Chun Chi
(31) 201261608824 P
(32) 09.03.2012
(33) United States of America

(51) C12Q 1/68
(11) EP2809801
(21) EP13701662.2
(47) 25.07.2018

(87) EP2013051899
08.08.2013
(22) 31.01.2013
(54) NON-INVASIVE CANCER DIAGNOSIS
(73) Speiser, Paul
(72) ZEILLINGER, Robert
(31) 12153340
(32) 31.01.2012
(33) European Patent Office (EPO)

(51) C12Q 1/68
(11) EP3134540
(21) EP14719023.5
(47) 25.07.2018
(87) EP2014058356
29.10.2015
(22) 24.04.2014
(54) AN IN VITRO DIAGNOSTIC METHOD FOR CANCER BY MEANS OF CIRCULATING, CELL-FREE DNA
(73) Euroclone Spa
(72) SACCANI, Andrea
AGOSTINI, Marco
BEDIN, Chiara

(51) C12Q 1/68
(11) EP3077539
(21) EP14841366.9
(47) 25.07.2018
(87) IB2014003082
11.06.2015
(22) 26.11.2014
(54) METHOD FOR EVALUATING MINORITY VARIANTS IN A SAMPLE
(73) Population Genetics Technologies Ltd.
(72) OSBORNE, Robert
MUSGRAVE-BROWN, Esther
(31) 201361910890 P
(32) 02.12.2013
(33) United States of America

(51) C12Q 1/68
(11) EP2207901
(21) EP08839468.9
(47) 25.07.2018
(87) US2008080294
23.04.2009
(22) 17.10.2008
(54) METHODS OF WHOLE GENOME ANALYSIS
(73) Wisconsin Alumni Research Foundation
(72) SCHWARTZ, David, C.
POTAMOUSIS, Konstantinos, D.
ZHOU, Shiguo
GOLDSTEIN, Steven, J.
NEWTON, Michael, A.
RUNNHEIM, Rodney, A.
FORREST, Daniel, K.
CHURAS, Christopher, P.
(31) 980639 P
(32) 17.10.2007
(33) United States of America

(51) C12Q 1/68
(11) EP3204510
(21) EP15775679.2
(47) 25.07.2018
(87) EP2015072844
14.04.2016
(22) 02.10.2015
(54) MUTATIONS IN THE EPIDERMAL GROWTH FACTOR RECEPTOR KINASE DOMAIN
(73) F.Hoffmann-La Roche AG
(72) JIN, Janet
HOGLUND, Bryan
LI, Yan
LIU, Wei-min
(31) 201462061965 P
(32) 09.10.2014
(33) United States of America

(51) C12Q 1/68
(11) EP2491137
(21) EP10776560.4
(47) 25.07.2018
(87) EP2010006430
28.04.2011
(22) 21.10.2010
(54) Biomarkers associated with depression
(73) Universiteit Leiden
(72) KLOK, Melanie, Diane
DE RIJK, Rolandus, Hendrikus
DE KLOET, Edo, Ronald
(31) 09252465
201015071
(32) 22.10.2009
10.09.2010
(33) European Patent Office (EPO)
United Kingdom

(51) C12Q 1/68
(11) EP3115468
(21) EP16170857.3
(47) 25.07.2018
(22) 20.09.2011
(54) INCREASING CONFIDENCE OF ALLELE CALLS WITH MOLECULAR COUNTING
(73) Agilent Technologies, Inc.
(72) CASBON, James
BRENNER, Sydney
OSBORNE, Robert
LICHTENSTEIN, Conrad
CLAAS, Andreas
(31) 385001 P
201161432119 P
(32) 21.09.2010
12.01.2011
(33) United States of America
United States of America

(51) C12Q 1/68
C12Q 1/02
C12N 15/63
C12Q 1/66
C12N 5/071
G01N 33/50
C12N 15/01
C12N 15/67
(11) EP2398919
(21) EP10744318.6
(47) 25.07.2018
(87) US2010024634
26.08.2010
(22) 18.02.2010
(54) METHOD FOR IDENTIFYING A SUBPOPULATION OF MAMMALIAN CELLS WITH DISTINCTIVE RIBOSOME TRANSLATION PROFILES
(73) Wayne State University
(72) CARLOCK, Leon
CYPHER, Maria
(31) 153642 P
(32) 18.02.2009
(33) United States of America

(51) C12Q 1/6827
(11) EP2840137
(21) EP13764366.4
(47) 25.07.2018
(87) JP2013058212
26.09.2013
(22) 22.03.2013
(54) METHOD FOR IDENTIFICATION AND DETECTION OF MUTANT GENE USING INTERCALATOR
(73) FUJIFILM Wako Pure Chemical Corporation
Kanagawa Prefectural Hospital Organization
(72) MATSUKUMA, Shoichi
ISHIKAWA, Tomokazu
KUROSAWA, Tatsuo
(31) 2012065231
(32) 22.03.2012
(33) Japan

(51) C12Q 1/6827
(11) EP3015552
(21) EP13888369.9
(47) 25.07.2018
(87) CN2013087231
31.12.2014
(22) 15.11.2013
(54) HIGH-THROUGHPUT SEQUENCING DETECTION METHOD FOR METHYLATED CPG ISLANDS
(73) Peking University
(72) WEN, Lu
LI, Jingyi
HUANG, Yanyi
TANG, Fuchou
(31) 201310259709
(32) 27.06.2013
(33) China

(51) C12Q 1/6827
(11) EP3105347
(21) EP15705695.3
(47) 25.07.2018
(87) GB2015050422
20.08.2015
(22) 13.02.2015
(54) METHYLATION DETECTION METHOD
(73) Base4 Innovation Ltd
(72) BALMFORTH, Barnaby
SILVA, Ana Luisa Bras dos Santos Ribeiro da
(31) 201402644
(32) 14.02.2014
(33) United Kingdom

(51) C12Q 1/6883
C12N 15/10
G06F 19/20
(11) EP2831271
(21) EP13714522.3
(47) 25.07.2018
(87) US2013034117
03.10.2013
(22) 27.03.2013
(54) SYSTEM FOR IDENTIFYING CONNECTIONS BETWEEN PERTURBAGENS AND GENES

ASSOCIATED WITH A SKIN HYPERPIGMENTATION CONDITION
(73) The Procter & Gamble Company
(72) HAKOZAKI, Tomohiro
ZHAO, Wenzhu
BINDER, Robert, Lloyd
XU, Jun
(31) 201261618115 P
(32) 30.03.2012
(33) United States of America

(51) C12R 1/645
C12N 9/02
C12P 7/56
(11) EP2806038
(21) EP14175161.0
(47) 25.07.2018
(22) 28.10.2011
(54) Use of Monascus in organic acid production
(73) TOTAL RESEARCH & TECHNOLOGY FELUY
(72) Weusthuis, Ruud Alexander
Wolbert, Emil Johan Harald
Springer, Jan
Van der Oost, John
Eggink, Gerrit
(31) 407747 P
10290583
(32) 28.10.2010
28.10.2010
(33) United States of America
European Patent Office (EPO)

(51) C14B 1/30
C14B 1/44
C14B 1/56
C14B 17/06
(11) EP3255156
(21) EP17175130.8
(47) 25.07.2018
(22) 09.06.2017
(54) A COMBINATION OF AN INTRODUCER WITH A MACHINES FOR PRIMARY PROCESSING OPERATIONS SUCH AS PRESSING, EMBOSSING, STAKING AND FINISHING, ON TANNED LEATHER, FAKE LEATHER, FABRIC, SYNTHETIC MATERIAL AND OTHERS
(73) EVOLUTION TECH SRL
(72) Lovato, Denis Ettore
Marchino, Antonello
Pavan, Alberto
(31) UA20164264
(32) 10.06.2016
(33) Italy

(51) C14C 3/18
C14C 9/02
C07D 251/00
C07D 251/66
(11) EP2057292
(21) EP07802529.3
(47) 25.07.2018
(87) EP2007058209
28.02.2008
(22) 08.08.2007
(54) MELAMINE COMPOUNDS AND THEIR USE FOR PRODUCING LEATHER
(73) Stahl International B.V.
(72) HÜFFER, Stephan
GARNIER, Sebastien
REESE, Oliver
SCHERR, Günter
KIESOW, Harald
(31) 06119375
06122437
(32) 23.08.2006
17.10.2006
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) C21C 5/48
F27D 3/16
B22D 1/00
(11) EP3198041
(21) EP15781136.5
(47) 25.07.2018
(87) GB2015052757
31.03.2016
(22) 23.09.2015
(54) ACCESS PORT ARRANGEMENT AND METHOD OF FORMING THEREOF
(73) Swansea University
(72) KUBAL, Szymon
WRAITH, Albert
PLEYDELL-PEARCE, Cameron George
(31) 201416805
(32) 23.09.2014
(33) United Kingdom

(51) C21D 8/02
C21D 9/56
(11) EP2824194
(21) EP12870723.9
(47) 25.07.2018
(87) CN2012000368
12.09.2013
(22) 27.03.2012
(54) METHOD FOR PRODUCING SILICON STEEL NORMALIZING SUBSTRATE
(73) Baoshan Iron & Steel Co., Ltd.
(72) JIANG, Rongqiang
HEI, Hongxu
CHEN, Xiao
LIU, Xiandong
XIE, Shishu
SU, Dejun
LIN, Runjie
ZHANG, Peili
YE, Miao
(31) 201210060176
(32) 08.03.2012
(33) China

(51) C21D 8/04
C21D 9/48
C22C 38/02
C22C 38/04
C22C 38/12
(11) EP3146083
(21) EP15730241.5
(47) 25.07.2018
(87) IB2015000651
26.11.2015
(22) 07.05.2015
(54) DOUBLE-ANNEALED STEEL SHEET HAVING HIGH MECHANICAL STRENGTH AND DUCTILITY CHARACTERISTICS, METHOD OF MANUFACTURE AND USE OF SUCH SHEETS
(73) ArcelorMittal
(72) ARLAZAROV, Artem
HELL, Jean-Christophe
KEGEL, Frédéric
(31) PCT/IB2014/000785
(32) 20.05.2014
(33) World Intellectual Property Office (WIPO)

(51) C21D 9/26
C21D 9/52
C21D 9/56
C21D 9/573
C21D 1/52
C21D 6/00
C21D 1/18
C21D 1/63
(11) EP3161170
(21) EP15726860.8
(47) 25.07.2018
(87) EP2015000951
30.12.2015
(22) 08.05.2015
(54) METHOD AND INSTALLATION OF HARDENING OF A CLOTHING WIRE FOR THE PROCESSING OF TEXTILE FIBERS
(73) Trützschler GmbH & Co. KG
(72) HAARER, Friedrich
(31) 102014108822
(32) 24.06.2014
(33) Germany

(51) C21D 9/32
C21D 1/06
C21D 1/20
C21D 1/22
C22C 38/00
F16H 55/06
F16H 49/00
C22C 38/22
C23C 8/22
(11) EP2554686
(21) EP11762555.8
(47) 25.07.2018
(87) JP2011055894
06.10.2011
(22) 14.03.2011
(54) METHOD FOR MANUFACTURING BASE MATERIAL FOR WAVE GEAR
(73) Aisin Seiki Kabushiki Kaisha
(72) NAGATA, Eiri
KURITA, Nobuaki
(31) 2010078463
(32) 30.03.2010
(33) Japan

(51) C22C 9/04
(11) EP3286348
(21) EP17724799.6
(47) 25.07.2018
(87) EP2017061815
23.11.2017
(22) 17.05.2017
(54) LEAD FREE BRASS ALLOY AND ALLOY PRODUCT
(73) Otto Fuchs - Kommanditgesellschaft -
(72) GUMMERT, Hermann
PLETT, Thomas
REETZ, Björn
(31) 202016102696 U
(32) 20.05.2016
(33) Germany

(51) C22C 22/00
C21C 7/00
C21C 5/52
C22C 33/04
F27D 7/02
F27D 7/06
C21C 7/10
C22C 33/06
C21C 7/072
(11) EP2985359
(21) EP13881584.0
(47) 25.07.2018
(87) KR2013003047
16.10.2014
(22) 11.04.2013
(54) MANGANESE-CONTAINING MOLTEN STEEL PRODUCTION METHOD
(73) POSCO
(72) HAN, Woong-Hee
YIM, Chang-Hee
SONG, Min-Ho
KANG, Soo-Chang
AHN, Chong-Tae

(51) C22C 38/00
C21D 9/40
C22C 38/42
F02F 5/00
F16J 9/26
C21D 6/00
C21D 1/18
C22C 38/02
C22C 38/04
C22C 38/06
F16J 9/28
(11) EP3045555
(21) EP14842638.0
(47) 25.07.2018
(87) JP2014073674
12.03.2015
(22) 08.09.2014
(54) HIGHLY HEAT CONDUCTIVE PISTON RING FOR INTERNAL COMBUSTION ENGINE
(73) Nissan Motor Co., Ltd.
Nippon Piston Ring Co., Ltd.
(72) HIRASE, Tsugane
YOKOKAWA, Hiromichi
FUJIMURA, Kazuhiro
OGAWA, Junpei
KONDO, Takaaki
MIYAZAWA, Tomonori
IGUCHI, Toyoki
SUZUKI, Takuma
(31) 2013186358
(32) 09.09.2013
(33) Japan

(51) C22C 38/02
C21D 8/04
C22C 38/04
C22C 38/06
C22C 38/20
C22C 38/22
C22C 38/24
C22C 38/26
C22C 38/28
C22C 38/42
C22C 38/46
C22C 38/48
C22C 38/50
C21D 1/25
C21D 8/02
C22C 38/00
C22C 38/32
C22C 38/44
(11) EP2692890
(21) EP12765557.9
(47) 25.07.2018
(87) JP2012059126
04.10.2012
(22) 28.03.2012
(54) ABRASION-RESISTANT STEEL PLATE OR STEEL SHEET AND METHOD FOR PRODUCING THE SAME
(73) JFE Steel Corporation
(72) UEDA, Keiji
MUROTA, Yasuhiro
ISHIKAWA, Nobuyuki
(31) 2011071264
(32) 29.03.2011
(33) Japan

(51) C23C 2/00
C23C 2/02
C23C 2/08
C23C 2/16
C23C 2/20
C23C 2/38
C23C 2/40
C25D 5/34
C23C 2/22
C23C 2/26
C25D 17/00
H01R 43/16
(11) EP3000907
(21) EP15172629.6
(47) 25.07.2018
(22) 18.06.2015
(54) COATINGS
(73) Strip Tinning Limited
(72) O'Connor, Stephen
Holmes, Christopher
Barton, Richard
(31) 201416963
(32) 25.09.2014
(33) United Kingdom

(51) C23C 4/06
C23C 28/00
F01D 5/06
(11) EP3199659
(21) EP17150838.5
(47) 25.07.2018
(22) 10.01.2017
(54) METHOD FOR MANUFACTURE OF HIGH TEMPERATURE CYLINDRICAL COMPONENT FOR A GAS TURBINE ENGINE
(73) Rolls-Royce plc
(72) Jones, Oliver
Freeman, Luke
(31) 201601564
(32) 28.01.2016
(33) United Kingdom

(51) C23C 4/10
C23C 4/126
C23C 4/134
C23C 4/02
C04B 35/628
C04B 35/565
C04B 35/583
C04B 35/584
C04B 35/563
(11) EP2914760
(21) EP13785472.5
(47) 25.07.2018
(87) EP2013072861
08.05.2014
(22) 01.11.2013
(54) THERMAL SPRAYING OF CERAMIC MATERIALS
(73) SERAM COATINGS AS
(72) ESPALLARGAS, Nuria
MUBAROK, Fahmi
(31) 201219642
(32) 01.11.2012
(33) United Kingdom

(51) C23C 14/06
C23C 14/16
B64C 11/20
F01D 5/28
C23C 28/00
C23C 28/02
(11) EP2976443
(21) EP14711944.0
(47) 25.07.2018
(87) EP2014055000
25.09.2014
(22) 13.03.2014
(54) ANTI-EROSION STRUCTURE FOR AIRCRAFTS
(73) EUROCOPTER
AIRBUS (SAS)
(72) LUISET, Benjamin
NAVARRE, Thomas
BOSCHET, Patrick
BILLARD, Alain
(31) 1352573
(32) 22.03.2013
(33) France

(51) C23C 14/16
A44C 27/00
C23C 14/06
(11) EP2829633
(21) EP13764481.1
(47) 25.07.2018
(87) JP2013055493
26.09.2013
(22) 28.02.2013
(54) RIGID DECORATIVE MEMBER
(73) Citizen Watch Co., Ltd.
(72) TAKAZAKI, Koutarou
(31) 2012062812
(32) 19.03.2012
(33) Japan

(51) C23C 14/28
C23C 14/06
H01B 1/00
C01B 19/00
(11) EP2949778
(21) EP15165655.0
(47) 25.07.2018
(22) 29.04.2015
(54) ELECTRONIC DEVICE WITH ELECTRICALLY CONDUCTIVE THIN FILM
(73) Samsung Electronics Co., Ltd

(72) Kim, Se Yun
Kim, Sang Il
Hwang, Sung Woo
Son, Yoon Chul
Cho, Yong Hee
Choi, Jae-Young
(31) 20140064005
(32) 27.05.2014
(33) Korea (Republic)

(51) C23C 14/56
H01J 37/32
(11) EP2762607
(21) EP13153493.5
(47) 25.07.2018
(22) 31.01.2013
(54) Deposition source with adjustable electrode
(73) Applied Materials, Inc.
(72) Buschbeck, Wolfgang
Ries, Florian
Stolley, Tobias

(51) C23C 16/30
C23C 16/40
(11) EP3146088
(21) EP15725409.5
(47) 25.07.2018
(87) GB2015051490
26.11.2015
(22) 21.05.2015
(54) DEPOSITION OF ZINC OXYSULPHIDE BY CVD
(73) Pilkington Group Limited
(72) PALMER, Liam Sonie
HARRIS, Peter Michael
STRICKLER, David Alan
NICHOL, Gary Robert
COLLEY, Anna Louise
(31) 201409135
(32) 22.05.2014
(33) United Kingdom

(51) C23C 16/40
C23C 16/453
C03C 17/00
F23D 14/08
F23D 99/00
F23D 14/78
F23D 23/00
(11) EP2294242
(21) EP09762816.8
(47) 25.07.2018
(87) US2009002903
17.12.2009
(22) 11.05.2009
(54) COMBUSTION DEPOSITION BURNER AND/OR RELATED METHODS
(73) Guardian Glass, LLC
(72) MCLEAN, David, D.
(31) 155762
(32) 09.06.2008
(33) United States of America

(51) C23C 16/44
C23C 16/50
C23C 16/511
C23C 16/30
H01L 21/205
C23C 16/40
C23C 16/455
C23C 16/54
(11) EP2519657
(21) EP10844279.9
(47) 25.07.2018
(87) US2010062301
28.07.2011
(22) 29.12.2010
(54) OXYGEN RADICAL GENERATION FOR RADICAL-ENHANCED THIN FILM DEPOSITION
(73) Lotus Applied Technology, LLC
(72) DICKEY, Eric R.
BARROW, William A.
(31) 290826 P
(32) 29.12.2009
(33) United States of America

(51) C23C 22/06
C23C 22/07
B29C 65/00
C23C 22/83
C23C 22/05
C09D 5/00
(11) EP2322691
(21) EP09770155.1
(47) 25.07.2018
(87) JP2009061407
30.12.2009
(22) 23.06.2009
(54) IRON ALLOY ARTICLE, IRON ALLOY MEMBER, AND METHOD FOR PRODUCING THE IRON ALLOY ARTICLE
(73) Advanced Technologies, Inc.
(72) HIRAI, Kinji
FURUKAWA, Muneya
AKIYAMA, Isamu
(31) 2008164221
(32) 24.06.2008
(33) Japan

(51) C23G 1/24
B60C 1/00
B60C 5/01
D07B 1/06
D07B 1/16
C23G 1/00
(11) EP3130693
(21) EP15777055.3
(47) 25.07.2018
(87) JP2015061292
15.10.2015
(22) 10.04.2015
(54) RESIN-METAL COMPOSITE MATERIAL AND TIRE USING SAME
(73) Bridgestone Corporation
(72) TOYOSAWA Shinichi
(31) 2014082046
2014082045
(32) 11.04.2014
11.04.2014
(33) Japan
Japan

(51) C25B 3/04
C25B 9/08
C07K 5/02
(11) EP2963156
(21) EP14756238.3
(47) 25.07.2018
(87) JP2014055053
04.09.2014
(22) 28.02.2014
(54) METHOD FOR MANUFACTURING REDUCED GLUTATHIONE
(73) Kyowa Hakko Bio Co., Ltd.
(72) FUKUMOTO, Kenta
FUKUDA, Miyuki
KINO, Mitsutaka
(31) 2013038890
(32) 28.02.2013
(33) Japan

(51) C25B 9/08
C25B 11/03
(11) EP2542710
(21) EP11704792.8
(47) 25.07.2018
(87) EP2011052695
09.09.2011
(22) 23.02.2011
(54) MULTI-CHAMBER ELECTROLYSIS OF AQUEOUS SALT SOLUTIONS USING THREE-DIMENSIONAL ELECTRODES
(73) FUMATECH BWT GmbH
(72) BAUER, Bernd
DANZ, Karl
IVANOV, Galin
(31) 102010010905
102010010902
(32) 08.03.2010
05.03.2010
(33) Germany
Germany

(51) C25B 11/03
C25B 11/04
C25D 5/14
C25D 5/48
C25D 21/12
C25B 1/04
(11) EP3159433
(21) EP15190492.7
(47) 25.07.2018
(22) 20.10.2015
(54) ELECTRODE FOR THE ALKALINE ELECTROLYSIS OF WATER
(73) MTV Metallveredlung GmbH & Co. KG
ELB Elektrolysetechnik GmbH
(72) Wilbuer, Klaus Leo
Barisic, Mate

(51) C25B 11/08
C25B 1/02
(11) EP2534282
(21) EP11742097.6
(47) 25.07.2018
(87) JP2011051160
18.08.2011
(22) 18.01.2011
(54) ACTIVATED CATHODE FOR HYDROGEN EVOLUTION
(73) De Nora Permelec Ltd
(72) Nara, Miwako
Miyakawa, Eri
Nishiki, Yoshinori
(31) 2010247793
2010028133
(32) 04.11.2010
10.02.2010
(33) Japan
Japan

(51) C25C 3/02
C25B 1/26

C25B 15/08
B01D 53/62
(11) EP3079795
(21) EP14808945.1
(47) 25.07.2018
(87) EP2014076389
18.06.2015
(22) 03.12.2014
(54) SEQUESTRATION OF CARBON DIOXIDE BY BINDING IT AS ALKALI CARBONATE
(73) Siemens Aktiengesellschaft
(72) SCHMID, Günter
TAROATA, Dan
(31) 102013225419
(32) 10.12.2013
(33) Germany

(51) C25C 3/22
(11) EP2660358
(21) EP13166284.3
(47) 25.07.2018
(22) 02.05.2013
(54) Distribution of recycled electrolytic pot gas
(73) General Electric Technology GmbH
(72) Wedde, Geir
Bjarno, Odd Edgar
Sorhuus, Anders Kenneth
(31) 201261642555 P
201313851495
(32) 04.05.2012
27.03.2013
(33) United States of America
United States of America

(51) C25D 3/38
(11) EP2716795
(21) EP13187169.1
(47) 25.07.2018
(22) 02.10.2013
(54) ELECTROLYTIC COPPER PLATING LIQUID AND ELECTROLYTIC COPPER PLATING METHOD
(73) Rohm and Haas Electronic Materials LLC
(72) Saito, Mutsuko
Sakai, Makoto
Mizuno, Yoko
Morinaga, Toshiyuki
Hayashi, Shinjiro
(31) 2012222342
(32) 04.10.2012
(33) Japan

(51) C25D 3/58
C25D 3/62
(11) EP2730682
(21) EP12192458.3
(47) 25.07.2018
(22) 13.11.2012
(54) ALKALINE, CYANIDE-FREE SOLUTION FOR ELECTROPLATING OF GOLD ALLOYS, A METHOD FOR ELECTROPLATING AND A SUBSTRATE COMPRISING A BRIGHT, CORROSION-FREE DEPOSIT OF A GOLD ALLOY
(73) Coventya SAS
(72) Nelias, Coline
Pommier, Nicolas
Duprat, Jean-Jacques

(51) C25D 3/60
(11) EP2775014
(21) EP14158010.0
(47) 25.07.2018
(22) 06.03.2014
(54) Tin alloy plating solution and method using it
(73) Rohm and Haas Electronic Materials LLC
(72) Okada, Hiroki
Li, Shenghua
Kondo, Makoto
(31) 2013045207
(32) 07.03.2013
(33) Japan

(51) C25D 7/12
C25D 3/32
C25D 3/38
C25D 3/58
C07D 303/04
C07D 303/18
(11) EP3040451
(21) EP15194686.0
(47) 25.07.2018
(22) 16.11.2015
(54) REACTION PRODUCTS OF AMINO ACIDS AND EPOXIES
(73) Rohm and Haas Electronic Materials LLC
(72) NIAZIMBETOVA, Zuhra I.
RZEZNIK, Maria Anna
(31) 201414585228
(32) 30.12.2014
(33) United States of America

(51) C30B 15/04
C30B 29/06
C30B 15/00
C30B 15/12
H01L 31/18
(11) EP2697412
(21) EP12771909.4
(47) 25.07.2018
(87) US2012033593
18.10.2012
(22) 13.04.2012
(54) METHOD FOR PRODUCING SILICON INGOT HAVING AXIALLY UNIFORM DOPING
(73) GTAT IP Holding LLC
(72) JOHNSON, Bayard K.
DELUCA, John P.
LUTER, William L.
(31) 201161475351 P
(32) 14.04.2011
(33) United States of America

(51) C30B 29/22
C30B 15/00
C30B 17/00
H01S 3/16
C01B 33/113
C01B 35/10
C01B 35/12
C09K 11/64
C30B 15/20
C30B 9/12
G02F 1/00
G02F 1/355
(11) EP2322697
(21) EP08876603.5
(47) 25.07.2018
(87) CN2008072619
28.01.2010
(22) 08.10.2008
(54) DOPED LOW TEMPERATURE PHASE BAB2O4 SINGLE CRYSTAL THE MANUFACTURING METHOD THEREOF AND WAVE CHANGING ELEMENTS THEREFROM
(73) Fujian Institute Of Research On The Structure Of Matter, Chinese Academy Of Sciences
(72) CHEN, Changzhang
HONG, Maochun
LI, Ding
LIN, Hainan
CAI, Shicong
(31) PCT/CN2008/001379
(32) 25.07.2008
(33) World Intellectual Property Office (WIPO)

(51) C30B 29/40
H01L 21/02
H01L 29/20
C30B 33/02
(11) EP2698456
(21) EP12771993.8
(47) 25.07.2018
(87) JP2012060187
18.10.2012
(22) 13.04.2012
(54) GALLIUM NITRIDE CRYSTAL
(73) Mitsubishi Chemical Corporation
(72) MATSUMOTO, Hajime
SUZAKI, Kunitada
FUJITO, Kenji
NAGAO, Satoru
(31) 2011091586
2011151709
(32) 15.04.2011
08.07.2011
(33) Japan
Japan

(51) D01G 7/04
(11) EP2836630
(21) EP13722058.8
(47) 25.07.2018
(87) IB2013000740
17.10.2013
(22) 05.04.2013
(54) OPENING ROLLER
(73) Maschinenfabrik Rieter AG
(72) SCHMID, Alexander
(31) 508122012
(32) 13.04.2012
(33) Switzerland

(51) D01H 4/14
F16C 32/04
(11) EP3156527
(21) EP16193356.9
(47) 25.07.2018
(22) 11.10.2016
(54) OPEN END ROTOR SPINNING DEVICE WITH A SPINNING ROTOR WHERE THE ROTOR SHAFT IS SUPPORTED IN THE GUSSET OF A SUPPORTING DISK BEARING
(73) Saurer Germany GmbH & Co. KG
(72) Winzen, Lothar
(31) 102015013484
(32) 16.10.2015
(33) Germany

(51) D02G 3/40

D02G 3/02
B60R 21/235
D01F 6/62
(11) EP2930258
(21) EP13859123.5
(47) 25.07.2018
(87) KR2013011004
05.06.2014
(22) 29.11.2013
(54) POLYESTER SEWING THREAD FOR AIRBAG, AND METHOD FOR MANUFACTURING SAME
(73) Kolon Industries, Inc.
(72) KIM, Jae-Hyung
KIM, Hyung-Keun
LEE, Sang-Mok
KWAK, Dong-Jin
(31) 20120138347
(32) 30.11.2012
(33) Korea (Republic)

(51) D03C 13/00
D03J 1/00
(11) EP3162935
(21) EP16196171.9
(47) 25.07.2018
(22) 28.10.2016
(54) SHEDDING MACHINE AND WEAVING LOOM COMPRISING SUCH A SHEDDING MACHINE
(73) STAUBLI FAVERGES
(72) CITTADINI, Joseph
BONNEAU, David
(31) 1560366
(32) 29.10.2015
(33) France

(51) D03D 1/00
D03D 11/00
D03D 15/00
G02B 6/02
(11) EP2867396
(21) EP13725283.9
(47) 25.07.2018
(87) EP2013001573
03.01.2014
(22) 28.05.2013
(54) WOVEN FABRIC WITH LIGHT EMITTING LAYER
(73) Daimler AG
(72) ZIMMERMANN, Tina
BIEDER, Hubert
(31) 102012013105
(32) 30.06.2012
(33) Germany

(51) D03D 1/00
D03D 15/02
D03D 15/04
(11) EP2964820
(21) EP14712911.8
(47) 25.07.2018
(87) US2014020550
12.09.2014
(22) 05.03.2014
(54) HEAT-SHRUNK TEXTILE SLEEVE WITH EXTENDED ELECTRO-FUNCTIONAL YARN AND METHOD OF CONSTRUCTION THEREOF
(73) Federal-Mogul Powertrain LLC
(72) MARCELLIN, Hubert
CHESNAIS, Jean, Rene
(31) 201361773462 P
(32) 06.03.2013
(33) United States of America

(51) D03D 15/00
A61F 13/00
D02G 3/22
D02G 3/32
(11) EP3106553
(21) EP15748760.4
(47) 25.07.2018
(87) ES2015070052
20.08.2015
(22) 27.01.2015
(54) A GARMENT WITHOUT SEAMS
(73) MLS Textiles 1992 SL.
(72) LURBE MATEU, Rafael
(31) 201430206
(32) 13.02.2014
(33) Spain

(51) D04B 1/16
D04B 1/24
(11) EP2886691
(21) EP14003644.3
(47) 25.07.2018
(22) 28.10.2014
(54) Textile area-measured material with anti-slip effect
(73) Peter Müller GmbH
(72) Müller, Markus
(31) 102013022057
(32) 23.12.2013
(33) Germany

(51) D04H 1/46
A47C 7/00
A47C 27/14
B32B 5/26
B32B 5/28
B60N 2/64
B68G 5/02
D04H 1/4382
D04H 5/02
B32B 5/02
B32B 5/06
B32B 5/08
B32B 5/18
B32B 7/08
B32B 5/24
D04H 1/498
D04H 1/541
(11) EP3034667
(21) EP14842084.7
(47) 25.07.2018
(87) JP2014073583
12.03.2015
(22) 05.09.2014
(54) NONWOVEN FABRIC LAMINATE FOR FOAMING MOLDING, METHOD FOR PRODUCING NONWOVEN FABRIC LAMINATE FOR FOAMING MOLDING, URETHANE FOAMING MOLDING COMPOSITE USING NONWOVEN FABRIC LAMINATE, VEHICLE SEAT, AND CHAIR
(73) Mitsui Chemicals, Inc.
(72) ICHIKAWA, Taro
SAZA, Norihito
(31) 2013185735
(32) 06.09.2013
(33) Japan

(51) D04H 13/00
E04B 1/76
E04B 2/70
(11) EP3084059
(21) EP14830909.9
(47) 25.07.2018
(87) US2014070019
25.06.2015
(22) 12.12.2014
(54) METHOD TO REDUCE AIR INFILTRATION THROUGH AN INSULATED FRAME CONSTRUCTION
(73) Dow Global Technologies LLC
(72) PARSONS, Gary, D.
BOWE, Michael, Damian
SZEWCZYK, Janah
(31) 201361918510 P
(32) 19.12.2013
(33) United States of America

(51) D06F 37/26
(11) EP2441874
(21) EP12150484.9
(47) 25.07.2018
(22) 14.01.2008
(54) Laundry machine with an improved bellows
(73) Electrolux Home Products Corporation N.V.
(72) Favaro, Daniele
Gruppo, Luca

(51) D06F 37/26
D06F 39/08
D06F 37/04
D06F 37/20
D06F 37/22
D06F 37/30
(11) EP3176301
(21) EP16201581.2
(47) 25.07.2018
(22) 30.11.2016
(54) LAUNDRY TREATING APPLIANCE
(73) Whirlpool Corporation
(72) ERICKSON, Donald
MIKKELSEN, Douglas
(31) 201562261515 P
201615345317
(32) 01.12.2015
07.11.2016
(33) United States of America
United States of America

(51) D06F 39/00
D06F 39/02
(11) EP3064635
(21) EP15157216.1
(47) 25.07.2018
(22) 02.03.2015
(54) FRONT PANEL OF A DRAWER FOR A LAUNDRY TREATMENT APPLIANCE
(73) Electrolux Appliances Aktiebolag
(72) De Pellegrin, Andrea
Morandini, Stefano
Bas, Alberto

(51) D06F 75/18
(11) EP3156538
(21) EP15189437.5
(47) 25.07.2018
(22) 12.10.2015

(54) IRON COMPRISING A STEAM CHAMBER PROVIDED WITH TWO SEPARATE EVAPORATION AREAS
(73) Rowenta Werke GmbH
(72) LUKAS, Andrea
SCHEVE, Björn
SPATZ, Dierk

(51) D06M 15/03
D06M 10/10
D01F 11/00
D02G 3/00
D06M 10/00
D06M 11/11
D06M 11/53
D06M 16/00
(11) EP2986772
(21) EP14727233.0
(47) 25.07.2018
(87) IB2014060834
23.10.2014
(22) 18.04.2014
(54) A PROCESS OF MAKING A YARN HAVING SUITABILITY FOR WEAVING
(73) Canepa, Elisabetta
(72) Canepa, Elisabetta
(31) 13164379
MI20130649
(32) 18.04.2013
19.04.2013
(33) European Patent Office (EPO)
Italy

(51) D06N 3/00
B32B 37/02
B32B 38/16
(11) EP3097230
(21) EP15707788.4
(47) 25.07.2018
(87) IB2015050431
30.07.2015
(22) 20.01.2015
(54) METHOD FOR MAKING A PRODUCT OF THE TYPE COMPRISING A LAMINAR SUPPORTING ELEMENT AND AN UPGRADING LAYER AND CORRESPONDING SYSTEM
(73) Agosti, Giacomino Adolfo
(72) Agosti, Giacomino Adolfo
(31) VI20140013
(32) 23.01.2014
(33) Italy

(51) D06N 3/18
D06M 15/63
D06N 7/00
D06P 1/00
H01L 51/00
H01L 51/56
H01L 27/32
(11) EP2432850
(21) EP10720619.5
(47) 25.07.2018
(87) EP2010056992
25.11.2010
(22) 20.05.2010
(54) ELECTROLUMINESCENT TEXTILE AND METHOD FOR THE PRODUCTION THEREOF
(73) Hochschule Niederrhein
(72) RABE, Maike
LEMPA, Evelyn
STEINEM, Christine Maria
(31) 102009026409
(32) 20.05.2009
(33) Germany

(51) D06P 1/22
D06P 1/655
D06P 3/14
D06M 13/463
D06M 101/12
(11) EP1913196
(21) EP06756266.0
(47) 25.07.2018
(87) IN2006000216
04.01.2007
(22) 27.06.2006
(54) A PROCESS FOR DYEING OF WOOL OR SILK AND THEIR BLENDS (FIBRE / YARN/FABRIC) WITH INDIGO
(73) Malwa Industries Limited
(72) OSWAL, Jangi Lal,Malwa Industries Limited
OSWAL, Rishi Malwa Industries Limited
(31) DE16742005
(32) 28.06.2005
(33) India

(51) D07B 1/06
B60C 9/00
(11) EP2947199
(21) EP14757620.1
(47) 25.07.2018
(87) JP2014055193
04.09.2014
(22) 28.02.2014
(54) RUBBER ARTICLE REINFORCING STEEL WIRE AND RUBBER ARTICLE USING SAME
(73) Bridgestone Corporation
(72) OBANA Naohiko
(31) 2013040333
(32) 01.03.2013
(33) Japan

(51) D21F 1/00
D21F 3/02
D21F 7/08
(11) EP2847379
(21) EP13724690.6
(47) 25.07.2018
(87) US2013040364
14.11.2013
(22) 09.05.2013
(54) INDUSTRIAL FABRIC INCLUDING SPIRALLY WOUND MATERIAL STRIPS WITH REINFORCEMENT
(73) Albany International Corp.
(72) EAGLES, Dana
HANSEN, Robert
KARLSSON, Jonas
(31) 201213469966
(32) 11.05.2012
(33) United States of America

(51) D21F 1/00
D21F 7/08
D21F 3/02
(11) EP2847380
(21) EP13725002.3
(47) 25.07.2018
(87) US2013040360
14.11.2013
(22) 09.05.2013
(54) INDUSTRIAL FABRIC INCLUDING SPIRALLY WOUND MATERIAL STRIPS WITH REINFORCEMENT
(73) Albany International Corp.
(72) EAGLES, Dana
HANSEN, Robert
KARLSSON, Jonas
(31) 201213469994
(32) 11.05.2012
(33) United States of America

(51) D21F 3/02
D21F 11/14
D21F 9/00
(11) EP2944720
(21) EP14168415.9
(47) 25.07.2018
(22) 15.05.2014
(54) Former section and method for producing paper
(73) ICONè S.R.L.
(72) Wiertz, Wolfgang
De Biasi, Francesco
Mark, Wolfgang

(51) D21F 7/08
(11) EP3098347
(21) EP16170218.8
(47) 25.07.2018
(22) 18.05.2016
(54) WET PAPER WEB TRANSFER BELT
(73) Ichikawa Co., Ltd.
(72) INOUE, Kenji
UMEHARA, Ryo
TAMURA, Ai
SUGAWARA, Yuta
OGISHIMA, Tomoyo
(31) 2015119754
(32) 28.05.2015
(33) Japan

(51) D21H 11/18
D21H 21/20
(11) EP2971347
(21) EP14711725.3
(47) 25.07.2018
(87) EP2014055102
18.09.2014
(22) 14.03.2014
(54) PROCESS FOR TREATING MICROFIBRILLATED CELLULOSE
(73) FiberLean Technologies Limited
(72) LEE, Kai
TELLIER, Guillaume
BACON, Felix John Gunnar
SKUSE, David Robert
(31) 13290070
(32) 15.03.2013
(33) European Patent Office (EPO)

(51) D21H 17/34
D21H 17/37
D21H 17/40
D21H 17/41
D21H 17/42
D21H 17/43
D21H 17/44
D21H 17/67
D21H 21/06
D21H 21/20
D21H 23/28

D21H 21/18
(11) EP2723943
(21) EP12728465.1
(47) 25.07.2018
(87) EP2012061248
27.12.2012
(22) 14.06.2012
(54) METHOD FOR PRODUCING PAPER, PAPERBOARD, AND CARDBOARD
(73) BASF SE
(72) ESSER, Anton
HÄHNLE, Hans-Joachim
(31) 11170740
(32) 21.06.2011
(33) European Patent Office (EPO)

(51) D21H 17/69
D21H 27/38
(11) EP1392923
(21) EP02718226.0
(47) 25.07.2018
(87) FI2002000342
21.11.2002
(22) 24.04.2002
(54) MULTILAYERED FIBROUS PRODUCT AND A PROCESS FOR THE PRODUCTION THEREOF
(73) Metsä Board Oyj
(72) SILENIUS, Petri
YLINIEMI, Leena
MEURONEN, Jari
LESKELÄ, Markku
(31) 20010848
(32) 24.04.2001
(33) Finland

(51) D21H 27/00
D04H 1/4218
D04H 1/4242
D04H 1/435
D04H 13/00
D21H 13/24
D21H 13/40
D21H 13/50
D21H 15/12
D21H 21/52
B32B 3/12
C08J 5/24
(11) EP3014020
(21) EP14735647.1
(47) 25.07.2018
(87) GB2014051934
31.12.2014
(22) 25.06.2014
(54) DISSIPATION OF STATIC ELECTRICITY
(73) Technical Fibre Products Limited
Tods Aerospace Limited
(72) JESCHKE, Michael
CONWAY, David
AUSTIN, Andrew Nicholas
(31) 201311261
(32) 25.06.2013
(33) United Kingdom

(51) E01B 9/32
B66C 7/08
(11) EP3137681
(21) EP15720301.9
(47) 25.07.2018
(87) EP2015058776
05.11.2015
(22) 23.04.2015
(54) RAIL CLIP ASSEMBLY
(73) HF Holding S.A.
(72) COUVREUR, Thierry
LENS, Michel
(31) 14166148
(32) 28.04.2014
(33) European Patent Office (EPO)

(51) E01B 9/42
E01B 9/62
E01B 9/68
(11) EP3227494
(21) EP14809616.7
(47) 25.07.2018
(87) EP2014076290
09.06.2016
(22) 02.12.2014
(54) LIGHTWEIGHT TIE PLATE FOR A RAILWAY RAIL PROFILE
(73) Vossloh-Werke GmbH
(72) BECKER, Dietmar
HARRASS, Michael
JONCA, Michael
WROBLEWSKI, Artur
BEDNARCZYK, Adrian

(51) E01C 23/22
A63C 19/06
B05B 12/00
B05B 13/00
(11) EP3196358
(21) EP17152436.6
(47) 25.07.2018
(22) 20.01.2017
(54) LINE STRIPER WITH SPRAY CONTROL SYSTEM
(73) Graco Minnesota Inc.
(72) SHULTZ, Mark D.
ROHLING, Daniel D.
LARSEN, David M.
(31) 201662280767 P
(32) 20.01.2016
(33) United States of America

(51) E01D 19/04
(11) EP2884002
(21) EP14198137.3
(47) 25.07.2018
(22) 16.12.2014
(54) Compensating bearing
(73) Kina, Jens
Stahlbau Raulf GmbH
(72) KINA, Jens
BEWERSDORFF, Stefan
(31) 102013114141
(32) 16.12.2013
(33) Germany

(51) E01F 9/615
E01F 9/688
B60Q 7/00
G09F 13/04
(11) EP3165677
(21) EP16193494.8
(47) 25.07.2018
(22) 12.10.2016
(54) LIGHT SIGNALLING DEVICE
(73) Worldplas
(72) GUNES, Denis
(31) 1560603
(32) 05.11.2015
(33) France

(51) E01F 15/12
(11) EP2664713
(21) EP13167879.9
(47) 25.07.2018
(22) 15.05.2013
(54) Emergency opening for a mobile protective wall
(73) Luther, Horst
(72) Luther, Horst
(31) 202012004889 U
(32) 16.05.2012
(33) Germany

(51) E02B 3/10
E02B 3/12
(11) EP3201398
(21) EP15818080.2
(47) 25.07.2018
(87) NL2015050687
07.04.2016
(22) 01.10.2015
(54) WATER BARRIER, IN PARTICULAR A DIKE
(73) Desso Sports B.v.
(72) VAN REIJEN, Peter
DE BRUIJN, Jeroen Jozef Maria
(31) 2013553
2014906
(32) 01.10.2014
02.06.2015
(33) Netherlands
Netherlands

(51) E02B 17/00
E02B 1/00
E02B 3/12
F16L 1/12
(11) EP2956588
(21) EP14705182.5
(47) 25.07.2018
(87) EP2014053159
21.08.2014
(22) 18.02.2014
(54) A SCOUR REMEDIATION AND MITIGATION APPARATUS
(73) Swan Net-Gundry Limited
Norfolk Marine Limited
(72) GALLAGHER, Jonathan Francis
WILCOX, William Austin
(31) 20130055
(32) 18.02.2013
(33) Ireland

(51) E02B 17/02
(11) EP2898149
(21) EP13786620.8
(47) 25.07.2018
(87) DE2013100331
27.03.2014
(22) 16.09.2013
(54) SHIP WITH LIFTING PILLAR SEGMENT FOR LIFTING OF THE SHIP
(73) Rohden, Rolf
(72) Rohden, Rolf
(31) 202012103564 U
(32) 18.09.2012
(33) Germany

(51) E02F 3/413
E02F 3/42

E02F 9/00
F15B 15/06
B66C 3/00
B66C 3/16
(11) EP3153629
(21) EP16190135.0
(47) 25.07.2018
(22) 22.09.2016
(54) HYDRAULIC PIVOT DRIVE AND GRIPPER WITH SUCH A PIVOT DRIVE
(73) Kinshofer GmbH
(72) Friedrich, Thomas
(31) 202015006973 U
(32) 06.10.2015
(33) Germany

(51) E02F 9/28
(11) EP2766530
(21) EP12778567.3
(47) 25.07.2018
(87) US2012059009
18.04.2013
(22) 05.10.2012
(54) GROUND ENGAGING TIP OF A TOOTH ASSEMBLY
(73) Caterpillar Inc.
(72) RENSKI, William, J.
LAHOOD, James, Robert
CONGDON, Thomas, Marshall
(31) 201161545276 P
201213644429
(32) 10.10.2011
04.10.2012
(33) United States of America
United States of America

(51) E02F 9/28
(11) EP3040485
(21) EP15197043.1
(47) 25.07.2018
(22) 30.11.2015
(54) WEAR ASSEMBLY FOR EARTH MOVING MACHINE
(73) Usco S.P.A.
(72) CRISTOFORI, Giulia
(31) BG20140061
(32) 30.12.2014
(33) Italy

(51) E03D 9/00
(11) EP2210989
(21) EP10150753.1
(47) 25.07.2018
(22) 14.01.2010
(54) Foam odor plug for urinals
(73) Gotohti.com Inc.
(72) Ophardt, Heiner
Jones, Andrew
(31) 2651241
(32) 27.01.2009
(33) Canada

(51) E04B 2/74
(11) EP1866492
(21) EP06706955.9
(47) 25.07.2018
(87) EP2006001351
12.10.2006
(22) 15.02.2006
(54) C-SHAPED PROFILE AND PARTITION COMPRISING A C-SHAPED PROFILE
(73) Richter-System GmbH & Co. KG
(72) KNAUF, Alfons, Jean
(31) 102005016176
(32) 07.04.2005
(33) Germany

(51) E04B 2/96
E04B 2/90
(11) EP2218842
(21) EP10001567.6
(47) 25.07.2018
(22) 16.02.2010
(54) Woodwork upright/crosspiece assembly
(73) Profils Systèmes
(72) Derre, Christophe
Reinert, Aymeric
(31) 0951012
(32) 17.02.2009
(33) France

(51) E04B 5/19
(11) EP2483488
(21) EP10776414.4
(47) 25.07.2018
(87) IB2010002502
07.04.2011
(22) 01.10.2010
(54) BUILDING STRUCTURE WITH PREFABRICATED RIBBED PANELS
(73) Caboni, Michele
(72) Caboni, Michele
(31) MI20091693
(32) 02.10.2009
(33) Italy

(51) E04B 5/32
E04B 5/38
E04B 5/40
(11) EP2906761
(21) EP13777152.3
(47) 25.07.2018
(87) NL2013050702
17.04.2014
(22) 02.10.2013
(54) LATTICE STRUCTURE FOR FORMING THE REINFORCING STRUCTURE OF A REINFORCED CONCRETE FLOOR
(73) Barhold B.V.
(72) PLUG, Robert
(31) 2009607
(32) 11.10.2012
(33) Netherlands

(51) E04D 13/00
E04D 1/34
E04D 13/17
A01M 29/32
(11) EP2638220
(21) EP11840052.2
(47) 25.07.2018
(87) DK2011000111
18.05.2012
(22) 06.10.2011
(54) System with a bracket, use of the system and method
(73) Thomsen, Thomas Toftemann
(72) Thomsen, Thomas Toftemann
(31) 201100143
201001019
(32) 02.03.2011
09.11.2010
(33) Denmark
Denmark

(51) E04F 10/06
E06B 9/70
E06B 9/04
E06B 9/02
E06B 9/322
(11) EP3140470
(21) EP15721874.4
(47) 25.07.2018
(87) IB2015053331
12.11.2015
(22) 07.05.2015
(54) DRIVE SYSTEM
(73) Renson Sunprotection Projects NV
(72) HOUFFLYN, John Urbain
DEPRAETERE, Lieven Andre Eric
(31) 201400350
(32) 09.05.2014
(33) Belgium

(51) E04F 13/08
(11) EP2636816
(21) EP13158086.2
(47) 25.07.2018
(22) 07.03.2013
(54) Assembly for coating a wall
(73) HERMES SELLIER
(72) Shigeru, Ban
(31) 1252165
(32) 09.03.2012
(33) France

(51) E04F 13/08
E04F 13/14
F24S 25/61
F24S 25/00
F24S 25/35
(11) EP2619382
(21) EP11772873.3
(47) 25.07.2018
(87) EP2011004811
29.03.2012
(22) 26.09.2011
(54) FASTENING SYSTEM FOR FACADE ELEMENTS, PROFILED INSERT RAIL THEREFOR AND ASSEMBLY METHOD
(73) STO SE & Co. KGaA
(72) BAUER, Timo
HANSELMANN, Timo
BARIE, Matthias
(31) 102010046376
(32) 24.09.2010
(33) Germany

(51) E04F 15/02
E04F 15/04
E04F 13/08
(11) EP2581521
(21) EP12006975.2
(47) 25.07.2018
(22) 09.10.2012
(54) Device for holding an end floor board
(73) Ehrenreich, Stefan
(72) Ehrenreich, Stefan
(31) 102011115801
(32) 12.10.2011
(33) Germany

(51) E04F 15/024
E04F 15/02
E04G 21/18

(11) EP3279405
(21) EP17306023.7
(47) 25.07.2018
(22) 31.07.2017
(54) SUPPORT PAD WITH INTEGRATED SHIMS
(73) SOPREMA (SAS)
(72) BINDSCHEDLER, Pierre Etienne
PERRIN, Rémi
BOISSENIN, Francis
FELLMANN, Hervé
(31) 1670426
(32) 01.08.2016
(33) France

(51) E04F 15/10
E04C 3/29
E04F 15/02
(11) EP2163708
(21) EP09011464.6
(47) 25.07.2018
(22) 08.09.2009
(54) Profile with a string-shaped profile body produced e.g. by way of extrusion from WPC material
(73) Rehau AG + Co
(72) Sonntag, Martin
Plaum, Michael
Hermann, Andreas
Kessler, Bernd
(31) 102008046819
(32) 11.09.2008
(33) Germany

(51) E04G 3/30
F03D 80/50
F03D 1/00
(11) EP1706636
(21) EP04803080.3
(47) 25.07.2018
(87) DK2004000930
14.07.2005
(22) 30.12.2004
(54) DEVICE FOR ENABLING ACCESS TO A STRUCTURE ABOVE GROUND LEVEL
(73) PP Energy ApS
(72) TEICHERT, Paul
(31) 200301955
200400737
(32) 30.12.2003
08.05.2004
(33) Denmark
Denmark

(51) E04H 1/12
E04B 1/346
E04H 3/02
F24F 7/00
(11) EP3133227
(21) EP16185379.1
(47) 25.07.2018
(22) 28.05.2014
(54) STILL-AIR OASIS
(73) Möhring, Jürgen
(72) Möhring, Jürgen
(31) 102013209984
(32) 28.05.2013
(33) Germany

(51) E04H 4/16
(11) EP2914789
(21) EP13851026.8
(47) 25.07.2018
(87) US2013057984
08.05.2014
(22) 04.09.2013
(54) SWIMMING POOL CLEANING APPARATUS
(73) Sebor, Pavel
Sebor, Robert
(72) Sebor, Pavel
Sebor, Robert
(31) 201261720208 P
(32) 30.10.2012
(33) United States of America

(51) E04H 4/16
(11) EP2547842
(21) EP11711195.5
(47) 25.07.2018
(87) US2011028593
22.09.2011
(22) 16.03.2011
(54) IDLER MECHANISMS FOR HYDRAULIC DEVICES
(73) Zodiac Pool Systems, Inc.
(72) VAN DER MEIJDEN, Hendrikus Johannes
HARBOTTLE, Bruce David
UY, Dindo
BARENG, Eusebio
YANKIE, Scott
(31) 406589 P
340353 P
(32) 26.10.2010
16.03.2010
(33) United States of America
United States of America

(51) E04H 5/02
B65D 88/52
E04B 1/344
(11) EP3173550
(21) EP16200611.8
(47) 25.07.2018
(22) 25.11.2016
(54) FOLDABLE HOUSING
(73) Storti, Reinhold
Müller, Gerald
(72) Storti, Reinhold
Müller, Gerald
(31) 102015120398
(32) 25.11.2015
(33) Germany

(51) E05B 1/00
E05B 17/22
(11) EP1672147
(21) EP05111911.3
(47) 25.07.2018
(22) 09.12.2005
(54) HANDLE FOR WINDOWS WITH ELECTROMECHANICAL FUNCTIONAL ELEMENTS
(73) SCHÜCO International KG
(72) Kaiser, Konrad
Wilker, Burkhard
(31) 102004060202
(32) 14.12.2004
(33) Germany

(51) E05B 3/06
E05B 15/00
F16D 7/10
G05G 5/00
(11) EP1830239
(21) EP07002814.7
(47) 25.07.2018
(22) 09.02.2007
(54) Indexing means and its use in actuation handles
(73) HOPPE AG
(72) Engel, Heinz-Eckhard
Alber, Helmut
(31) 102006009371
(32) 01.03.2006
(33) Germany

(51) E05B 5/00
E05B 47/00
(11) EP3234284
(21) EP16717491.1
(47) 25.07.2018
(87) SI2016000007
14.09.2017
(22) 09.03.2016
(54) DOOR HANDLE ASSEMBLY AND PROCESS FOR EXTENDING AND RETRACTING OF DOOR HANDLE ASSEMBLY
(73) Pirnar, trzenje, proizvodnja in razvoj, d.o.o.
(72) PIRNAR, Gasper

(51) E05B 9/08
E05B 65/02
E05B 3/00
E05B 3/04
(11) EP3203000
(21) EP17153367.2
(47) 25.07.2018
(22) 26.01.2017
(54) DOOR LOCK WITH RESILIENTLY NESTABLE BASE
(73) Sotralu (Société par Actions Simplifiée)
(72) LAFOURCADE, Pascal
BERTON, Cyril
(31) 1650815
(32) 02.02.2016
(33) France

(51) E05B 15/02
E05C 9/18
(11) EP2700774
(21) EP13179895.1
(47) 25.07.2018
(22) 09.08.2013
(54) STRIKER
(73) MACO Technologie GmbH
(72) Steindl, Christian
(31) 202012008054 U
(32) 22.08.2012
(33) Germany

(51) E05B 19/02
(11) EP2626488
(21) EP13153644.3
(47) 25.07.2018
(22) 01.02.2013
(54) Key for a lock cylinder
(73) Aug. Winkhaus GmbH & Co. KG
(72) Rasecke, Marc
Spahn, Karl-Heinz
Ostkamp, Michael
(31) 102012201868
(32) 08.02.2012
(33) Germany

(51) E05B 47/00
E05B 63/24
E05B 17/22
E05B 63/14
E05C 9/06
E05B 15/02
E05B 17/00
G07C 9/00
(11) EP2868847
(21) EP14190761.8
(47) 25.07.2018
(22) 28.10.2014
(54) Device for assisting with the opening and closing of a casement window on a frame
(73) SAPA BUILDING SYSTEMS FRANCE
(72) Dieude, Serge
Lahbib, Patrick
Mieulet, Gaetan
(31) 1360528
(32) 29.10.2013
(33) France

(51) E05B 47/02
G07F 9/10
E05B 47/00
A47F 1/04
A47F 3/00
A47F 3/02
A47F 5/01
G07F 11/62
A47F 7/00
A61G 12/00
E05D 15/06
(11) EP2901428
(21) EP13779978.9
(47) 25.07.2018
(87) US2013062764
03.04.2014
(22) 30.09.2013
(54) ITEM DISPENSING APPARATUS
(73) Innovative Product Achievements, LLC
(72) FITZGERALD, Robert
JOINER, Kyle
EISLER, Joel
BROOM, Ward
STALLINGS, Keith
FARAH, Jason
(31) 201261707608 P
(32) 28.09.2012
(33) United States of America

(51) E05B 63/14
E05B 65/10
E05C 7/04
E05B 47/00
(11) EP2971417
(21) EP14709145.8
(47) 25.07.2018
(87) US2014018393
09.10.2014
(22) 25.02.2014
(54) INTERCONNECTED LOCKING SYSTEM
(73) Spectrum Brands, Inc.
(72) BECK, Chasen Scott
ALMOMANI, Nedal Akram
SZUBA, Phil
(31) 201361780511 P
(32) 13.03.2013
(33) United States of America

(51) E05B 65/02
E05B 3/00
E05B 3/06
E05B 15/02
E05B 1/00
E05B 9/08
E05B 63/06
E05C 3/04
E05B 63/04
E05B 13/10
(11) EP2553188
(21) EP10860998.3
(47) 25.07.2018
(87) SE2010051437
28.06.2012
(22) 20.12.2010
(54) HANDLE ASSEMBLY FOR DOUBLE-WALLED DOOR
(73) Industrilås I Nässjö AB
(72) LINNÅSEN, Adam
GARANCZ, Emelie

(51) E05B 65/10
(11) EP3032008
(21) EP15199602.2
(47) 25.07.2018
(22) 11.12.2015
(54) HEAT ACTUATED LOCKING SYSTEM FOR A PANEL
(73) Saint-Gobain Glass France S.A.
(72) PACQUEU, Olivier
(31) 201405115
(32) 11.12.2014
(33) Belgium

(51) E05B 67/00
E05B 67/22
H01M 2/10
E05B 47/00
G07C 9/00
(11) EP2776649
(21) EP12847471.5
(47) 25.07.2018
(87) US2012064368
16.05.2013
(22) 09.11.2012
(54) BATTERY ACCESS AND POWER SUPPLY ARRANGEMENTS
(73) Master Lock Company LLC
(72) KALOUS, D., Scott
NAVE, Zachery, T.
(31) 201161558655 P
(32) 11.11.2011
(33) United States of America

(51) E05B 85/26
E05B 85/20
(11) EP2845975
(21) EP14182198.3
(47) 25.07.2018
(22) 26.08.2014
(54) Motor vehicle lock
(73) Brose Schliesssysteme GmbH & Co. KG
(72) Reinert, Jörg
(31) 202013104084 U
(32) 09.09.2013
(33) Germany

(51) E05C 17/50
E05B 83/02
F25D 11/00
(11) EP2757218
(21) EP13151825.0
(47) 25.07.2018
(22) 18.01.2013
(54) CONTAINER WITH DOOR AND LOCKING DEVICE FOR LOCKING THE DOOR IN AN OPEN POSITION
(73) Etablissementen Franz Colruyt NV
(72) Böß, Ralf

(51) E05D 1/04
(11) EP1835099
(21) EP07103331.0
(47) 25.07.2018
(22) 01.03.2007
(54) HINGE PARTICULARLY FOR A DOOR OR SHUTTER
(73) Bauxt S.P.A.
(72) SNAIDERO, Francesco
(31) TV20060034
(32) 13.03.2006
(33) Italy

(51) E05D 7/00
E05F 1/10
A47L 15/42
(11) EP2888985
(21) EP14191562.9
(47) 25.07.2018
(22) 03.11.2014
(54) Dishwasher with tension adjustment system
(73) Samsung Electronics Co., Ltd.
(72) Chae, Seung Min
Ser, Young Su
Kim, Sung Jin
(31) 20130168944
20140032855
(32) 31.12.2013
20.03.2014
(33) Korea (Republic)
Korea (Republic)

(51) E05D 15/06
(11) EP3201412
(21) EP15763547.5
(47) 25.07.2018
(87) EP2015070590
07.04.2016
(22) 09.09.2015
(54) GUIDING DEVICE FOR GUIDING A SLIDING DOOR, AND CABINET-TYPE PIECE OF FURNITURE
(73) Hettich-Heinze GmbH & Co. KG
(72) FELD, Steffen
WARDA, Thomas
(31) 102014114339
(32) 02.10.2014
(33) Germany

(51) E05F 1/12
E05D 11/08
(11) EP2601367
(21) EP10855725.7
(47) 25.07.2018
(87) US2010054696
09.02.2012
(22) 29.10.2010
(54) ADJUSTABLE TORQUE HINGE
(73) Waterson Corp.
Chen, Waterson
(72) CHEN, Waterson
(31) 099126071
201010273481
(32) 05.08.2010

07.09.2010
(33) Taiwan, Province of China
China

(51) E05F 11/48
(11) EP2952667
(21) EP14382210.4
(47) 25.07.2018
(22) 02.06.2014
(54) Fixing assembly of a window regulator pulley
(73) GRUPO ANTOLIN-INGENIERIA, S.A.
(72) Nebreda De La Iglesia, Félix
Gomez Camara, David

(51) E05F 15/603
(11) EP2206865
(21) EP10000053.8
(47) 25.07.2018
(22) 07.01.2010
(54) Method for operating a door drive with overload protection and door drives equipped with same
(73) dormakaba Deutschland GmbH
(72) Römer, Martin
Wamser, Thomas
(31) 102009004508
(32) 09.01.2009
(33) Germany

(51) E06B 3/50
A47F 3/04
(11) EP3066285
(21) EP13792278.7
(47) 25.07.2018
(87) EP2013072950
07.05.2015
(22) 04.11.2013
(54) REFRIGERATED SALES FURNITURE
(73) Carrier Corporation
(72) LASSU, Zsolt
ATTILA, Peter
CSERNUS, Zsolt

(51) E06B 3/663
E06B 3/673
(11) EP3161237
(21) EP15729202.0
(47) 25.07.2018
(87) EP2015063814
30.12.2015
(22) 19.06.2015
(54) INSULATING GLAZING WITH SPACER AND PRODUCTION METHOD OF SUCH A SPACER AS WELL AS USE OF SUCH A INSULATING GLAZING AS GLAZING FOR A BUILDING
(73) Saint-Gobain Glass France
(72) KUSTER, Hans-Werner
KÖTTE, Rolf
SCHREIBER, Walter
(31) 14174745
(32) 27.06.2014
(33) European Patent Office (EPO)

(51) E06B 9/24
E06B 9/322
(11) EP2417320
(21) EP10712533.8
(47) 25.07.2018
(87) IB2010051094
14.10.2010
(22) 15.03.2010
(54) CONTROLLING A SHADING DEVICE BY MEANS OF IMAGE RECOGNITION
(73) Philips Lighting Holding B.V.
(72) ACKERMANN, Bernd
(31) 09157457
(32) 07.04.2009
(33) European Patent Office (EPO)

(51) E06B 9/327
E06B 9/388
(11) EP2990584
(21) EP15182917.3
(47) 25.07.2018
(22) 28.08.2015
(54) METHOD AND FASTENING ELEMENT FOR INSTALLING A SUNSHADE IN A GLAZING PART
(73) Suomen Visor Oy
(72) HAAPALAHTI, Teuvo
HILLIAHO, Esa
LEHTONEN, Markku
PULKKINEN, Markku
SIMONSON, Chad
(31) 20145746
(32) 28.08.2014
(33) Finland

(51) E06B 9/34
(11) EP3221544
(21) EP15781367.6
(47) 25.07.2018
(87) EP2015074131
26.05.2016
(22) 19.10.2015
(54) ROLLER BLINDS WITH ADJUSTABLE SLATS INSTALLED ON STANDARD GUIDES IN SITU
(73) Teknalsystem S.r.l.
(72) GIOVANNI, Mancuso
(31) VR20140288
(32) 21.11.2014
(33) Italy

(51) E21B 6/06
E21B 44/00
E21B 3/00
(11) EP2480744
(21) EP10818003.5
(47) 25.07.2018
(87) US2010049575
24.03.2011
(22) 21.09.2010
(54) SYSTEMS AND METHODS FOR IMPROVING DRILLING EFFICIENCY
(73) National Oilwell Varco, L.P.
(72) MEBANE III, Robert, Eugene
FLORENCE, Frederick, Ray
(31) 244335 P
(32) 21.09.2009
(33) United States of America

(51) E21B 7/08
F16B 19/00
E21B 17/06
F16B 31/02
(11) EP3055478
(21) EP13895353.4
(47) 25.07.2018
(87) US2013063999
16.04.2015
(22) 09.10.2013
(54) DUAL-CONFIGURATION SHEAR BOLT
(73) Halliburton Energy Services, Inc.
(72) DONOVAN, Stacey Blaine

(51) E21B 17/01
F16L 11/18
F16L 35/00
(11) EP2503093
(21) EP12305280.5
(47) 25.07.2018
(22) 09.03.2012
(54) Module based bend stiffener
(73) Nexans
(72) Lund, Kristian Sjur
(31) 20110419
(32) 21.03.2011
(33) Norway

(51) E21B 17/02
H01R 4/26
(11) EP2756154
(21) EP12755877.3
(47) 25.07.2018
(87) EP2012067479
21.03.2013
(22) 07.09.2012
(54) DOWNHOLE GAUGE ASSEMBLY
(73) Roxar Flow Measurement AS
(72) SØRENSEN, Per Hassel
BAUSTAD, Terje
(31) 20111255
(32) 15.09.2011
(33) Norway

(51) E21B 17/08
(11) EP3140493
(21) EP15715761.1
(47) 25.07.2018
(87) EP2015058269
12.11.2015
(22) 16.04.2015
(54) SECTION OF A RISER PROVIDED WITH AN INNER LOCKING RING AND A MEANS FOR ADJUSTING PLAY BETWEEN THE AUXILIARY TUBE ELEMENTS AND THE MAIN TUBE ELEMENTS
(73) IFP Energies nouvelles
(72) PERSENT, Emmanuel
SAEEDI, Navid
PAPON, Gerard
(31) 1454056
(32) 05.05.2014
(33) France

(51) E21B 17/08
(11) EP3140494
(21) EP15717858.3
(47) 25.07.2018
(87) EP2015058270
12.11.2015
(22) 16.04.2015
(54) SECTION OF A RISER PROVIDED WITH A LOCKING RING ARRANGED BETWEEN THE MAIN TUBE AND THE AUXILIARY TUBE
(73) IFP Energies nouvelles
(72) PERSENT, Emmanuel
SAEEDI, Navid
PAPON, Gerard
ROGUET, Eleonore
(31) 1454057

(32) 05.05.2014
(33) France

(51) E21B 19/06
E21B 19/07
(11) EP2494139
(21) EP10827199.0
(47) 25.07.2018
(87) NO2010000379
05.05.2011
(22) 25.10.2010
(54) ELEVATOR CONNECTOR DEVICE
(73) Canrig Robotic Technologies AS
(72) LUNDE, Ola
(31) 20093229
(32) 27.10.2009
(33) Norway

(51) E21B 19/24
E21B 17/10
(11) EP2999845
(21) EP14801156.2
(47) 25.07.2018
(87) AU2014000528
27.11.2014
(22) 20.05.2014
(54) CENTRALISING DEVICE AND METHOD THEREFOR
(73) Matrix Composites and Engineering Limited
(72) RIORDAN, Paul
(31) 2013901816
(32) 21.05.2013
(33) Australia

(51) E21B 25/00
(11) EP3126613
(21) EP15708416.1
(47) 25.07.2018
(87) US2015017381
08.10.2015
(22) 24.02.2015
(54) CORING SYSTEM AND METHOD
(73) ExxonMobil Upstream Research Company
(72) ARSLAN, Haydar
WONG, Patrick, C.
CURRY, Trevor, A.
(31) 201461975529 P
(32) 04.04.2014
(33) United States of America

(51) E21B 25/02
E21B 23/10
(11) EP3004525
(21) EP14807243.2
(47) 25.07.2018
(87) AU2014000569
11.12.2014
(22) 30.05.2014
(54) A HEAD ASSEMBLY AND A VALVE SYSTEM FOR USE IN A CORE DRILLING SYSTEM
(73) Swick Mining Services Ltd
(72) ATTIWELL, Paul
(31) 2013902051
(32) 06.06.2013
(33) Australia

(51) E21B 33/06
(11) EP2622173
(21) EP11770723.2
(47) 25.07.2018
(87) EP2011067057
05.04.2012
(22) 29.09.2011
(54) ROTATING CONTROL DEVICE
(73) Weatherford Technology Holdings, LLC
(72) SOKOL, Jonathan P
WAGONER, Danny W
BAILEY, Thomas F
RIOS III, Aristeo
CHAMBERS, James W
HANNEGAN, Don M
(31) 893391
(32) 29.09.2010
(33) United States of America

(51) E21B 33/14
E21B 34/06
E21B 34/10
E21B 34/12
(11) EP1974120
(21) EP07709191.6
(47) 25.07.2018
(87) NO2007000008
26.07.2007
(22) 10.01.2007
(54) CEMENTING VALVE
(73) Archer Oiltools AS
(72) REVHEIM, Sven
(31) 20060304
(32) 20.01.2006
(33) Norway

(51) E21B 34/04
E21B 43/16
(11) EP2111496
(21) EP08728735.5
(47) 25.07.2018
(87) US2008052681
07.08.2008
(22) 31.01.2008
(54) CHEMICAL-INJECTION MANAGEMENT SYSTEM
(73) Cameron International Corporation
(72) GREENE, Gregory
GRACE, Andrew
MCHUGH, Edmund
(31) 898836 P
(32) 01.02.2007
(33) United States of America

(51) E21B 43/00
(11) EP2847708
(21) EP13804315.3
(47) 25.07.2018
(87) US2013042843
19.12.2013
(22) 28.05.2013
(54) METHODS AND SYSTEMS FOR NON-PHYSICAL ATTRIBUTE MANAGEMENT IN RESERVOIR SIMULATION
(73) Landmark Graphics Corporation
(72) FLEMING, Graham, Christopher
(31) 201261660645 P
(32) 15.06.2012
(33) United States of America

(51) E21B 43/08
C08G 18/28
C08L 75/04
E21B 33/12
E21B 33/127
E21B 33/134
E21B 43/10
F03G 7/06
E21B 41/00
E21B 23/00
C08G 101/00
C08G 18/44
B29C 61/00
B29K 75/00
(11) EP2561179
(21) EP11772418.7
(47) 25.07.2018
(87) US2011031231
27.10.2011
(22) 05.04.2011
(54) PREVENTION, ACTUATION AND CONTROL OF DEPLOYMENT OF MEMORY-SHAPE POLYMER FOAM-BASED EXPANDABLES
(73) Baker Hughes, a GE company, LLC
(72) JOHNSON, Michael
MAZYAR, Oleg, A.
(31) 763363
(32) 20.04.2010
(33) United States of America

(51) E21B 43/12
E21B 43/08
(11) EP2748425
(21) EP12839824.5
(47) 25.07.2018
(87) US2012059274
18.04.2013
(22) 09.10.2012
(54) SYSTEM AND METHOD FOR CONTROLLING FLOW THROUGH A SAND SCREEN
(73) Schlumberger Holdings Limited
(72) GREENE, Robin
MOEN, Terje
(31) 201161546471 P
201213646862
(32) 12.10.2011
08.10.2012
(33) United States of America
United States of America

(51) E21B 43/12
E21B 47/12
(11) EP2900907
(21) EP12885839.6
(47) 25.07.2018
(87) US2012057231
03.04.2014
(22) 26.09.2012
(54) COMPLETION ASSEMBLY AND METHODS FOR USE THEREOF
(73) Halliburton Energy Services, Inc.
(72) RICHARDS, William, Mark
TIPS, Timothy, R.

(51) E21B 43/22
E21B 44/00
C09K 8/72
E21B 43/25
E21B 43/26
(11) EP3063366
(21) EP14879308.6
(47) 25.07.2018
(87) US2014058629
30.07.2015
(22) 01.10.2014

(54) OPTIMIZED ACIDIZING OF PRODUCTION AND INJECTION WELLS
(73) Landmark Graphics Corporation
(72) FILIPPOV, Andrey
KHORIAKOV, Vitaly
(31) 201461931248 P
(32) 24.01.2014
(33) United States of America

(51) E21B 49/08
E21B 49/00
E21B 47/06
(11) EP2240669
(21) EP08869647.1
(47) 25.07.2018
(87) US2008088396
16.07.2009
(22) 29.12.2008
(54) SYSTEMS AND METHODS FOR WELL DATA ANALYSIS
(73) Schlumberger Holdings Limited
(72) POP, Julian, J.
FOLLINI, Jean-Marc
(31) 968026
(32) 31.12.2007
(33) United States of America

(51) E21C 25/58
E21C 35/06
(11) EP3119989
(21) EP15721355.4
(47) 25.07.2018
(87) SE2015050232
17.09.2015
(22) 27.02.2015
(54) DRILLING RIG AND METHOD
(73) Epiroc Rock Drills Aktiebolag
(72) HARTWIG, Sverker
KÄMPE, Ulf
SPÅNGBERG, Camilla
(31) 1450277
(32) 12.03.2014
(33) Sweden

(51) E21C 27/34
(11) EP2799662
(21) EP13165990.6
(47) 25.07.2018
(22) 30.04.2013
(54) Mining plow with pushrod
(73) Caterpillar Global Mining Europe GmbH
(72) Siepenkort, Gerhard
Hesse, Norbert
Tillessen, Uwe
Duhnke, Klaus
Bettermann, Diedrich

(51) E21C 50/00
E02F 3/88
E02F 3/90
E02F 7/00
E02F 9/00
(11) EP3077600
(21) EP14806246.6
(47) 25.07.2018
(87) EP2014076198
11.06.2015
(22) 02.12.2014
(54) SUBSURFACE MINING VEHICLE AND METHOD FOR COLLECTING MINERAL DEPOSITS FROM A SEA BED AT GREAT DEPTHS AND TRANSPORTING SAID DEPOSITS TO A FLOATING VESSEL
(73) Global Sea Mineral Resources (GSR) N.V.
(72) HEILER, Johan
LUCIEER, Pieter Abraham
DE BRUYNE, Kris
STOFFERS, Harmen Derk
(31) 2011880
2012579
(32) 02.12.2013
07.04.2014
(33) Netherlands
Netherlands

(51) E21D 11/10
E21D 5/04
(11) EP3042038
(21) EP14842227.2
(47) 25.07.2018
(87) AU2014000879
12.03.2015
(22) 04.09.2014
(54) BARRIER FORMING APPARATUS
(73) Maynard, Glen Roy
(72) Maynard, Glen Roy
(31) 2013903390
(32) 04.09.2013
(33) Australia

(51) F01B 9/02
F02B 75/32
F16H 21/36
(11) EP2556214
(21) EP11764951.7
(47) 25.07.2018
(87) AU2011000398
13.10.2011
(22) 07.04.2011
(54) IMPROVED COMBUSTION ENGINE
(73) Exodus R & D International Pte Ltd
(72) FLENCHE, George
(31) 2010901451
(32) 07.04.2010
(33) Australia

(51) F01D 1/36
F02C 3/05
F02C 3/36
F01D 1/34
(11) EP2707574
(21) EP12725616.2
(47) 25.07.2018
(87) EP2012002031
15.11.2012
(22) 10.05.2012
(54) TURBO-ENGINE, PARTICULARLY INTERNAL COMBUSTION ENGINE
(73) Aella SA
(72) TEPIC, Slobodan
(31) 11165479
11170776
(32) 10.05.2011
21.06.2011
(33) European Patent Office (EPO)
European Patent Office (EPO)

(51) F01D 5/08
F01D 5/14
F01D 5/18
(11) EP3186483
(21) EP15750767.4
(47) 25.07.2018
(87) EP2015068971
03.03.2016
(22) 18.08.2015
(54) METHOD FOR MANUFACTURING A TURBINE ASSEMBLY
(73) Siemens Aktiengesellschaft
(72) BLUCK, Richard
(31) 14182727
(32) 28.08.2014
(33) European Patent Office (EPO)

(51) F01D 5/14
F01D 9/04
(11) EP3147452
(21) EP15186278.6
(47) 25.07.2018
(22) 22.09.2015
(54) TURBOENGINE BLADING MEMBER
(73) Ansaldo Energia IP UK Limited
(72) Brandl, Herbert
Krueckels, Joerg
Zierer, Thomas

(51) F01D 5/18
(11) EP2639405
(21) EP13157706.6
(47) 25.07.2018
(22) 04.03.2013
(54) Turbine blade tip cooling
(73) Honeywell International Inc.
(72) Crites, Daniel Cregg
Morris, Mark C.
Halfmann, Steve
(31) 201213419729
(32) 14.03.2012
(33) United States of America

(51) F01D 5/18
F01D 5/08
F01D 25/12
F02C 7/18
F04D 29/58
F01D 11/24
(11) EP2956627
(21) EP14797049.5
(47) 25.07.2018
(87) US2014015194
20.11.2014
(22) 07.02.2014
(54) GAS TURBINE ENGINE COMPONENT WITH COMBINED MATE FACE AND PLATFORM COOLING
(73) United Technologies Corporation
(72) LEWIS, Scott D.
RAPP, Brandon M.
BEATTIE, Jeffrey S.
HOUGH, Matthew Andrew
TELLER, Bret M.
JACQUES, Jeffrey Michael
ASTERLIN, Max
(31) 201361765179 P
(32) 15.02.2013
(33) United States of America

(51) F01D 5/18
F01D 25/32
F02C 3/10
F02C 3/30
F02C 7/12
F02C 9/18
F01K 21/04
F02C 7/16

(11) EP2228515
(21) EP10153653.0
(47) 25.07.2018
(22) 16.02.2010
(54) Two-shaft gas turbine system and related method of operation
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) Takahashi, Yasuo
Koganezawa, Tomomi
Higuchi, Shinichi
(31) 2009057278
(32) 11.03.2009
(33) Japan

(51) F01D 5/22
F01D 9/04
F04D 29/44
F04D 29/68
F04D 29/16
(11) EP2948632
(21) EP14743527.5
(47) 25.07.2018
(87) US2014012770
31.07.2014
(22) 23.01.2014
(54) STRUCTURES AND METHODS FOR FORCING COUPLING OF FLOW FIELDS OF ADJACENT BLADED ELEMENTS OF TURBOMACHINES, AND TURBOMACHINES INCORPORATING THE SAME
(73) Concepts NREC, LLC
(72) JAPIKSE, David
(31) 201361755747 P
(32) 23.01.2013
(33) United States of America

(51) F01D 5/28
F01D 11/12
(11) EP3056679
(21) EP16155241.9
(47) 25.07.2018
(22) 11.02.2016
(54) ABRASIVE BLADE TIP WITH IMPROVED WEAR AT HIGH INTERACTION RATE
(73) United Technologies Corporation
(72) STROCK, Christopher W.
(31) 201514620310
(32) 12.02.2015
(33) United States of America

(51) F01D 5/32
(11) EP2823153
(21) EP13706262.6
(47) 25.07.2018
(87) EP2013053738
12.09.2013
(22) 25.02.2013
(54) IMPELLER FOR A ROTOR OF A TURBOMACHINE, AND ROTOR AND TURBOMACHINE HAVING AN IMPELLER OF SAID TYPE
(73) MAN Diesel & Turbo SE
(72) REINHOLD, Bjoern
(31) 102012203606
(32) 07.03.2012
(33) Germany

(51) F01D 5/32
F01D 5/30
(11) EP2915956
(21) EP14196351.2
(47) 25.07.2018
(22) 04.12.2014
(54) Spacer for a fan rotor, corresponding fan rotor and gas turbine engine
(73) United Technologies Corporation
(72) Whitehurst, Sean A.
(31) 201461949649 P
(32) 07.03.2014
(33) United States of America

(51) F01D 9/02
F01D 5/10
F01D 5/16
F01D 5/26
F01D 5/28
(11) EP2599962
(21) EP12194143.9
(47) 25.07.2018
(22) 23.11.2012
(54) DETUNED VANE AIRFOIL ASSEMBLY
(73) United Technologies Corporation
(72) Glaspey, James
(31) 201113310228
(32) 02.12.2011
(33) United States of America

(51) F01D 9/04
F01D 17/16
F04D 29/56
(11) EP2722485
(21) EP12189450.5
(47) 25.07.2018
(22) 22.10.2012
(54) Inner ring for a stator assembly with adjustable vanes
(73) MTU Aero Engines AG
(72) Zotz, Georg

(51) F01D 9/04
F01D 25/24
F02C 9/18
(11) EP2559858
(21) EP12166089.8
(47) 25.07.2018
(22) 27.04.2012
(54) Compressors with integrated secondary air flow systems
(73) Honeywell International Inc.
(72) Nolcheff, Nick
Lee, Jong
(31) 201113182976
(32) 14.07.2011
(33) United States of America

(51) F01D 9/06
F02C 7/18
F01D 5/08
F01D 25/24
F02C 6/08
F04D 29/54
(11) EP2784267
(21) EP14158097.7
(47) 25.07.2018
(22) 06.03.2014
(54) A gas turbine engine cooling arrangement
(73) Rolls-Royce plc
(72) Mulcaire, Thomas
(31) 201305432
(32) 26.03.2013
(33) United Kingdom

(51) F01D 11/00
(11) EP2474711
(21) EP12150316.3
(47) 25.07.2018
(22) 05.01.2012
(54) Runner for circumferential seals
(73) United Technologies Corporation
(72) Ullah, M. Rifat
Miller, Jonathan Logan
Kurz, Leslie Charles
(31) 987984
(32) 10.01.2011
(33) United States of America

(51) F01D 11/00
F01D 17/16
F04D 29/10
F04D 29/56
(11) EP2696038
(21) EP12179455.6
(47) 25.07.2018
(22) 07.08.2012
(54) GUIDE VANE ROW FOR A TURBOMACHINE
(73) MTU Aero Engines AG
(72) Kirchner, Daniel

(51) F01D 11/08
F01D 11/10
F01D 25/00
F16J 15/16
F16J 15/22
F16J 15/44
F16J 15/447
(11) EP2894299
(21) EP13830717.8
(47) 25.07.2018
(87) JP2013072537
27.02.2014
(22) 23.08.2013
(54) ROTARY MACHINE
(73) Mitsubishi Hitachi Power Systems, Ltd.
(72) KUWAMURA Yoshihiro
ISHIZAKA Koichi
OKABE Yoshiyuki
MATSUMOTO Kazuyuki
OYAMA Hiroharu
UEHARA Hidekazu
TANAKA Yoshinori
NISHIMOTO Shin
(31) 2012184444
(32) 23.08.2012
(33) Japan

(51) F01D 21/00
(11) EP2428663
(21) EP11180371.4
(47) 25.07.2018
(22) 07.09.2011
(54) Methods and devices for low speed low torque testing of a rotor in a turbomachinery
(73) Nuovo Pignone S.p.A.
(72) Bei, Simone
Casoni, Andrea
Bagni, Gianni
Benericetti, Daniele
d'Alessandro, Giuseppe
(31) MI20101638
(32) 09.09.2010
(33) Italy

(51) F01D 21/04

F01D 25/24
(11) EP2952695
(21) EP15166674.0
(47) 25.07.2018
(22) 07.05.2015
(54) FAN CASE
(73) Rolls-Royce Corporation
(72) Snyder, Burke J.
(31) 201462008131 P
(32) 05.06.2014
(33) United States of America

(51) F01D 25/00
B05B 1/20
B08B 3/02
F02B 77/04
(11) EP2565391
(21) EP12182168.0
(47) 25.07.2018
(22) 29.08.2012
(54) Cleaning device of a exhaust gas turbine and corresponding exhaust gas turbine, power turbine and exhaust gas turbocharger
(73) ABB Turbo Systems AG
(72) Behr, Thomas
Baumberger, Florian
Fischer, Magnus
Städeli, Markus
(31) 102011082089
(32) 02.09.2011
(33) Germany

(51) F01D 25/16
F02C 7/32
F02C 7/36
F02K 3/06
(11) EP3137740
(21) EP15725805.4
(47) 25.07.2018
(87) FR2015051131
05.11.2015
(22) 27.04.2015
(54) ASSEMBLY FOR AIRCRAFT TURBINE ENGINE AND METHOD FOR MOUNTING SAME
(73) SAFRAN AIRCRAFT ENGINES
(72) LEMARCHAND, Kevin, Morgane
(31) 1453889
(32) 29.04.2014
(33) France

(51) F01D 25/24
F02C 7/05
F01D 21/04
(11) EP2290199
(21) EP10172600.8
(47) 25.07.2018
(22) 12.08.2010
(54) A turbomachine casing assembly
(73) Rolls-Royce plc
(72) Harper, Cedric
(31) 0914523
201002344
(32) 20.08.2009
12.02.2010
(33) United Kingdom
United Kingdom

(51) F01D 25/32
F02C 7/052
(11) EP3130769
(21) EP16184229.9
(47) 25.07.2018
(22) 15.08.2016
(54) APPARATUS AND METHOD FOR WATER AND ICE FLOW MANAGEMENT IN A GAS TURBINE ENGINE
(73) United Technologies Corporation
(72) FEULNER, Matthew R.
(31) 201514826492
(32) 14.08.2015
(33) United States of America

(51) F01K 3/00
F01K 3/10
F01K 3/14
F01K 3/20
F01K 3/24
F01K 15/02
F01K 23/06
(11) EP3146160
(21) EP15730387.6
(47) 25.07.2018
(87) EP2015001012
26.11.2015
(22) 18.05.2015
(54) METHOD FOR RECOVERING HEAT FROM COMBUSTION ENGINES AND FOR CONVERTING THE RECOVERED HEAT IN MECHANICAL ENERGY
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) KOLLMEIER, Hans-Peter
KRALJEVIC, Ivica
ROHRPASSER, Christian
STRIEBICH, Helmut
(31) 102014007214
(32) 19.05.2014
(33) Germany

(51) F01K 13/00
F01K 17/06
(11) EP3140519
(21) EP15724551.5
(47) 25.07.2018
(87) EP2015060321
03.03.2016
(22) 11.05.2015
(54) METHOD AND SYSTEM FOR OPERATING A STEAM TURBINE PLANT WITH A THERMAL WATER TREATMENT
(73) Siemens Aktiengesellschaft
(72) TREMEL, Alexander
ZIEGMANN, Markus
(31) 102014217280
(32) 29.08.2014
(33) Germany

(51) F01K 23/06
F01K 7/34
(11) EP3179059
(21) EP16397534.5
(47) 25.07.2018
(22) 01.12.2016
(54) FEEDWATER AFTERHEATER
(73) Valmet Technologies Oy
(72) MANSIKKASALO, Jarmo
HAAGA, Kari
(31) 20155929
(32) 09.12.2015
(33) Finland

(51) F01M 11/10
F02D 41/02
F02D 41/04
(11) EP2520785
(21) EP12305325.8
(47) 25.07.2018
(22) 20.03.2012
(54) Method for estimating the dilution of fuel in the oil of an internal combustion engine
(73) Renault S.A.S.
(72) Radenac, Erwan
Brochot, Alexis
Durand, Julien
(31) 1153898
(32) 06.05.2011
(33) France

(51) F01N 3/08
(11) EP2415983
(21) EP09815424.8
(47) 25.07.2018
(87) JP2009056678
07.10.2010
(22) 31.03.2009
(54) DEVICE FOR DETERMINING DETERIORATION OF CATALYST AND METHOD FOR DETERMINING DETERIORATION OF CATALYST
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) HAGIMOTO, Taiga
SHIBATA, Daisuke

(51) F01N 3/08
F01N 3/20
F02D 41/00
F02D 41/02
(11) EP2115278
(21) EP08719194.6
(47) 25.07.2018
(87) IB2008000458
04.09.2008
(22) 29.02.2008
(54) EXHAUST GAS PURIFICATION SYSTEM FOR INTERNAL COMBUSTION ENGINE AND CONTROL METHOD FOR SAME
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) TOMODA, Terutoshi
ISHIYAMA, Shinobu
FURUHASHI, Michio
ONO, Tomoyuki
NAKATANI, Koichiro
KOGO, Tomoyuki
(31) 2007051114
(32) 01.03.2007
(33) Japan

(51) F01N 3/08
F01N 3/36
F01N 9/00
(11) EP3133259
(21) EP16184636.5
(47) 25.07.2018
(22) 18.08.2016
(54) EMISSION CONTROL SYSTEM AND EMISSION CONTROL METHOD FOR AN INTERNAL COMBUSTION ENGINE
(73) Toyota Jidosha Kabushiki Kaisha
(72) IIDA, Masahide
KURISAKA, Itsuya
(31) 2015164225
(32) 21.08.2015
(33) Japan

(51) F01N 3/20
(11) EP3156621
(21) EP16193442.7
(47) 25.07.2018
(22) 12.10.2016
(54) REMOTE FLUID SUPPLY FOR AN ENGINE
(73) Clark Equipment Company
(72) Farmer, Kyle
Bhatt, Chinmay
Harknett, Nicholas
(31) 201514881876
(32) 13.10.2015
(33) United States of America

(51) F01N 3/20
F01N 3/027
(11) EP3212907
(21) EP15784401.0
(47) 25.07.2018
(87) EP2015074639
06.05.2016
(22) 23.10.2015
(54) HONEYCOMB BODY WITH AN ELECTRIC HEATING DEVICE
(73) Continental Automotive GmbH
(72) HIRTH, Peter
HÄRIG, Thomas
LIMBECK, Sigrid
(31) 102014115923
(32) 31.10.2014
(33) Germany

(51) F01N 3/20
F01N 11/00
F01N 9/00
G01M 15/10
(11) EP2764220
(21) EP12778231.6
(47) 25.07.2018
(87) EP2012004173
11.04.2013
(22) 05.10.2012
(54) METHOD FOR MONITORING AN EXHAUST SYSTEM
(73) MTU Friedrichshafen GmbH
(72) NIEMEYER, Jens
TOTH, Aron
SPAEDER, Tim
(31) 102011115328
(32) 07.10.2011
(33) Germany

(51) F01P 3/14
F01P 3/02
F02F 1/10
(11) EP3109429
(21) EP16175842.0
(47) 25.07.2018
(22) 23.06.2016
(54) COOLING DEVICE FOR INTERNAL COMBUSTION ENGINE
(73) Toyota Jidosha Kabushiki Kaisha
(72) TOFUKUJI, Satoko
FURUYA, Yoshihiro
(31) 2015125568
(32) 23.06.2015
(33) Japan

(51) F02B 29/04
(11) EP3201449
(21) EP15760191.5
(47) 25.07.2018
(87) EP2015070555
07.04.2016
(22) 09.09.2015
(54) SUPERCHARGED INTERNAL COMBUSTION ENGINE AND VEHICLE
(73) Mahle International GmbH
(72) DINGELSTADT, René
NAGEL, Norman
STRENG, Simon
WIESKE, Peter
(31) 102014219952
(32) 01.10.2014
(33) Germany

(51) F02B 29/04
F01P 3/00
F02M 31/20
(11) EP3101247
(21) EP16170277.4
(47) 25.07.2018
(22) 19.05.2016
(54) SYSTEM AND METHOD FOR COOLING CHARGE AIR AND EXCESS FUEL FOR A TURBOCHARGED DIESEL ENGINE
(73) CNH Industrial Italia S.p.A.
(72) MOREY, Daniel Alan
(31) 201514729185
(32) 03.06.2015
(33) United States of America

(51) F02B 67/06
F16H 7/06
F16H 7/18
G01M 13/02
(11) EP2722507
(21) EP13189451.1
(47) 25.07.2018
(22) 18.10.2013
(54) Chain drive and timing assembly of an internal combustion engine having such chain drive
(73) I.C.P. S.r.l.
(72) Razzano, Tancredi
(31) TO20120920
(32) 19.10.2012
(33) Italy

(51) F02B 75/26
F02B 75/28
F02B 75/32
F01B 5/00
F01B 7/02
(11) EP2839134
(21) EP13778420.3
(47) 25.07.2018
(87) US2013036099
24.10.2013
(22) 11.04.2013
(54) POLYGON OSCILLATING PISTON ENGINE
(73) Stuart, Martin A.
Cunningham, Stephen Lee
(72) Stuart, Martin A.
Cunningham, Stephen Lee
(31) 201261625940 P
(32) 18.04.2012
(33) United States of America

(51) F02C 6/08
F02C 9/18
F02C 7/18
(11) EP3070300
(21) EP16160364.2
(47) 25.07.2018
(22) 15.03.2016
(54) POWER GENERATION SYSTEM HAVING COMPRESSOR CREATING EXCESS AIR FLOW AND COOLING FLUID INJECTION THEREFOR
(73) General Electric Company
(72) EKANAYAKE, Sanji
DAVIS, Dale Joel
MATHAI, George Vargese
MESTRONI, Julio Enrique
SCIPIO, Alston Ilford
(31) 201514662780
(32) 19.03.2015
(33) United States of America

(51) F02C 6/20
F02C 9/44
(11) EP3055531
(21) EP14787237.8
(47) 25.07.2018
(87) FR2014052508
16.04.2015
(22) 03.10.2014
(54) METHOD FOR OPTIMISING THE SPECIFIC CONSUMPTION OF A TWIN HELICOPTER
(73) Safran Helicopter Engines
(72) MARCONI, Patrick
THIRIET, Romain
(31) 1359766
(32) 09.10.2013
(33) France

(51) F02C 7/045
F02C 7/24
F02K 3/06
F04D 29/66
F01D 9/04
(11) EP2820270
(21) EP13754643.8
(47) 25.07.2018
(87) US2013026575
06.09.2013
(22) 18.02.2013
(54) GEARED GAS TURBINE ENGINE WITH REDUCED FAN NOISE
(73) United Technologies Corporation
(72) GILSON, Jonathan
MORIN, Bruce L.
REBA, Ramons A.
TOPOL, David A.
LORD, Wesley K.
(31) 201213408382
(32) 29.02.2012
(33) United States of America

(51) F02C 7/141
F02C 9/16
F02C 6/08
B64C 21/06
B64D 33/08
F15D 1/00
F15D 1/06
(11) EP2998542
(21) EP15183727.5
(47) 25.07.2018
(22) 03.09.2015

(54) PRE-COOLER INLET DUCT WITH ACTIVE FLOW-CONTROL AND METHOD INCLUDING THE SAME
(73) The Boeing Company
(72) Packard, Nathan O.
Willie, Robert H.
Tretow, Paul R.
(31) 201414491778
(32) 19.09.2014
(33) United States of America

(51) F02C 9/28
(11) EP1959115
(21) EP07106215.2
(47) 25.07.2018
(22) 16.04.2007
(54) Method for determination of the water content in the working fluid of a gas turbine
(73) Ansaldo Energia IP UK Limited
(72) Kokanovic, Stanka
Nemet, Anton
(31) 102007008296
(32) 16.02.2007
(33) Germany

(51) F02D 9/10
(11) EP3134629
(21) EP15725782.5
(47) 25.07.2018
(87) FR2015051093
29.10.2015
(22) 22.04.2015
(54) FLUID VALVE
(73) Valeo Systèmes de Contrôle Moteur
(72) SANCHES, Michael
DAVOULT, Guillaume
(31) 1453601
(32) 22.04.2014
(33) France

(51) F02D 9/10
F02M 26/00
(11) EP3134631
(21) EP15725784.1
(47) 25.07.2018
(87) FR2015051096
29.10.2015
(22) 22.04.2015
(54) FLUID VALVE
(73) Valeo Systèmes de Contrôle Moteur
(72) SANCHES, Michael
DAVOULT, Guillaume
(31) 1453604
(32) 22.04.2014
(33) France

(51) F02D 13/02
F01L 7/12
F02B 33/44
F02B 53/06
F01L 1/38
F01L 3/20
F02B 25/14
(11) EP2414656
(21) EP10759090.3
(47) 25.07.2018
(87) NZ2010000053
07.10.2010
(22) 26.03.2010
(54) PRE-COMBUSTION CYCLE PRESSURISATION SYSTEM
(73) Mulvein, Duncan George
(72) MCLACHLAN, Paul, Anthony
(31) 57592509
(32) 30.03.2009
(33) New Zealand

(51) F02D 17/02
F02D 41/00
F02D 15/00
F02B 73/00
(11) EP3168444
(21) EP16198544.5
(47) 25.07.2018
(22) 11.11.2016
(54) INTERNAL COMBUSTION ENGINE AND METHOD FOR CONTROLLING THE SAME
(73) FPT Industrial S.p.A.
(72) D'EPIRO, Clino
(31) UB20155457
(32) 11.11.2015
(33) Italy

(51) F02D 31/00
F01M 5/02
F02D 41/06
(11) EP2853722
(21) EP14186815.8
(47) 25.07.2018
(22) 29.09.2014
(54) System for preventing a mechanical damage of an internal combustion engine due to an inefficient lubrication of the engine
(73) FPT Industrial S.p.A.
(72) AIMAR, Bruno
(31) MI20131608
(32) 30.09.2013
(33) Italy

(51) F02D 35/02
F02D 37/02
F02D 41/00
F02D 41/18
F02D 41/14
(11) EP2182196
(21) EP09290783.1
(47) 25.07.2018
(22) 14.10.2009
(54) Method for controlling the combustion of a spark-ignition engine by controlling combustion phasing
(73) IFP Energies nouvelles
(72) Hillion, Mathieu
Chauvin, Jonathan
(31) 0806058
(32) 31.10.2008
(33) France

(51) F02D 35/02
F02D 41/14
F02D 41/40
F02D 41/00
F02D 41/24
(11) EP3103990
(21) EP16173159.1
(47) 25.07.2018
(22) 06.06.2016
(54) COMBUSTION NOISE SUPPRESSION CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE
(73) Toyota Jidosha Kabushiki Kaisha
(72) KOBAYASHI, Junya
(31) 2015116560
(32) 09.06.2015
(33) Japan

(51) F02D 41/00
F02D 35/00
F02D 41/14
(11) EP3054133
(21) EP16153942.4
(47) 25.07.2018
(22) 02.02.2016
(54) SYSTEM AND METHOD FOR MODEL BASED AND MAP BASED THROTTLE POSITION DERIVATION AND MONITORING
(73) General Electric Company
(72) ZENG, Pin
LAMBERSON, Daniel M.
(31) 201514614237
(32) 04.02.2015
(33) United States of America

(51) F02D 41/04
F01N 3/08
F01N 3/20
F02D 43/00
F02D 41/14
(11) EP2982852
(21) EP14780147.6
(47) 25.07.2018
(87) JP2014055610
09.10.2014
(22) 05.03.2014
(54) EXHAUST GAS PURIFICATION SYSTEM
(73) Isuzu Motors Limited
(72) SAKAMOTO Takayuki
NAGAOKA Daiji
(31) 2013078538
(32) 04.04.2013
(33) Japan

(51) F02D 41/20
H01F 7/18
H01F 27/28
F01L 9/04
(11) EP2659115
(21) EP11815471.5
(47) 25.07.2018
(87) FR2011053094
05.07.2012
(22) 20.12.2011
(54) ELECTROMAGNETIC DEVICE, AND CORRESPONDING ELECTROMAGNETIC ACTUATOR
(73) Valeo Systèmes de Contrôle Moteur
(72) MATEOS- BUGATTI, Manuela
TALON, Emmanuel
DUPUIS, Dominique
(31) 1061362
(32) 30.12.2010
(33) France

(51) F02F 3/00
F16J 1/16
F16C 7/00
F16C 9/04
(11) EP2900993
(21) EP13779962.3
(47) 25.07.2018
(87) US2013062223
03.04.2014
(22) 27.09.2013

(54) REDUCED COMPRESSION HEIGHT PISTON AND PISTON ASSEMBLY THEREWITH AND METHODS OF CONSTRUCTION THEREOF
(73) Federal-Mogul LLC
(72) AZEVEDO, Miguel
WEINENGER, Michael
(31) 201261706621 P
201361794216 P
(32) 27.09.2012
15.03.2013
(33) United States of America
United States of America

(51) F02K 1/78
F01D 5/18
F01D 9/04
F01D 9/06
(11) EP2218892
(21) EP10151897.5
(47) 25.07.2018
(22) 28.01.2010
(54) Cooled vane for gas turbine exhaust duct
(73) Rolls-Royce plc
(72) Tonks, Robert
Avenell, Christopher
Rose, Andrew
Cooper, Joseph
Town, Craig
(31) 0902577
(32) 16.02.2009
(33) United Kingdom

(51) F02M 26/00
F01N 3/20
F01N 3/023
F01N 3/035
F01N 3/08
F01N 3/10
B01D 53/94
B01J 29/00
F02M 25/10
B01J 23/34
F01N 13/00
F02M 26/06
F02M 26/35
(11) EP3120008
(21) EP15710555.2
(47) 25.07.2018
(87) GB2015050567
03.09.2015
(22) 27.02.2015
(54) EXHAUST SYSTEM HAVING N2O CATALYST IN EGR CIRCUIT
(73) Johnson Matthey Public Limited Company
(72) CHANDLER, Guy Richard
GREEN, Alexander, Nicholas, Michael
PHILLIPS, Paul Richard
(31) 201461945444 P
(32) 27.02.2014
(33) United States of America

(51) F02M 37/00
F02M 21/02
F02D 19/06
(11) EP3146193
(21) EP15751095.9
(47) 25.07.2018
(87) IT2015000133
23.12.2015
(22) 18.05.2015
(54) RECIRCULATING SYSTEM FOR A FUEL SUPPLY SYSTEM FOR A MOTOR AND METHOD FOR SUPPLYING FUEL TO A MOTOR OF A VEHICLE THROUGH SUCH A SUPPLY SYSTEM
(73) ICOMET S.R.L
(72) CIPPITANI, Luciano
(31) RM20140262
(32) 22.05.2014
(33) Italy

(51) F02M 37/00
F02M 69/54
F16K 21/02
F02M 37/14
(11) EP2878805
(21) EP14190660.2
(47) 25.07.2018
(22) 28.10.2014
(54) Fuel delivery system with valve assembly
(73) ROBERT BOSCH GMBH
(72) Belda, Zdenek
Marhoun, Karel
Prochazka, Vitezslav
(31) 102013223010
(32) 12.11.2013
(33) Germany

(51) F02M 61/14
(11) EP2948674
(21) EP14700405.5
(47) 25.07.2018
(87) EP2014050591
31.07.2014
(22) 14.01.2014
(54) FUEL INJECTION SYSTEM COMPRISING A FUEL-GUIDING COMPONENT, A FUEL INJECTION VALVE AND A MOUNTING
(73) Robert Bosch GmbH
(72) FISCHER, Michael
KNORPP, Michael
RIEMER, Martin
HORST, Hans-Georg
GLASER, Andreas
ROGLER, Philipp
HERRMANN, Jan
REHWALD, Andreas
MAYER, Michael
SCHEEF, Volker
REINHARDT, Wilhelm
(31) 102013200993
(32) 22.01.2013
(33) Germany

(51) F02N 11/08
F02N 11/04
F02N 19/00
F02D 41/06
(11) EP3051118
(21) EP14871975.0
(47) 25.07.2018
(87) JP2014083592
25.06.2015
(22) 18.12.2014
(54) ENGINE UNIT AND VEHICLE
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) NISHIKAWA, Takahiro
HINO, Haruyoshi
(31) 2013263306
(32) 20.12.2013
(33) Japan

(51) F02P 3/01
F02B 23/02
F02B 23/08
F02D 41/38
F02D 41/40
F02P 23/04
F02D 41/30
F02P 5/153
F02B 23/10
F02P 9/00
F02D 35/02
(11) EP2669505
(21) EP12739211.6
(47) 25.07.2018
(87) JP2012050257
02.08.2012
(22) 10.01.2012
(54) CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE
(73) Imagineering, Inc.
(72) IKEDA Yuji
NOMURA Shigeo
NISHIJIMA Yoshiaki
(31) 2011016136
(32) 28.01.2011
(33) Japan

(51) F02P 17/00
G01R 31/44
G01N 27/42
G01N 31/02
G01R 31/24
G01R 31/26
G01R 13/02
G01R 27/30
(11) EP2787355
(21) EP14163527.6
(47) 25.07.2018
(22) 04.04.2014
(54) Device and method to prevent inter-system interference
(73) Tektronix, Inc.
(72) PICKERD, John
(31) 201361808746 P
201314079801
(32) 05.04.2013
14.11.2013
(33) United States of America
United States of America

(51) F03D 1/00
B66C 1/10
(11) EP2764237
(21) EP12778261.3
(47) 25.07.2018
(87) EP2012069785
11.04.2013
(22) 05.10.2012
(54) METHOD AND DEVICE FOR MOUNTING A ROTOR OF A WIND ENERGY PLANT
(73) Wobben Properties GmbH
(72) MEYER, Wolfgang
KUIPER, Gerrit
KNOOP, Frank
(31) 102011084140
(32) 07.10.2011
(33) Germany

(51) F03D 1/06

(11) EP3179094
(21) EP16198195.6
(47) 25.07.2018
(22) 20.10.2011
(54) WIND TURBINE BLADE, WIND POWER GENERATION SYSTEM INCLUDING THE SAME, AND METHOD FOR DESIGNING WIND TURBINE BLADE
(73) Mitsubishi Heavy Industries, Ltd.
(72) FUKAMI, Koji
(31) 2010238043
2010238042
2010238040
2010238039
2010238038
(32) 22.10.2010
22.10.2010
22.10.2010
22.10.2010
22.10.2010
(33) Japan
Japan
Japan
Japan
Japan

(51) F03D 7/02
(11) EP3054152
(21) EP16153794.9
(47) 25.07.2018
(22) 02.02.2016
(54) WIND POWER GENERATION APPARATUS
(73) Hitachi, Ltd.
(72) KOBATA, Norihito
KAKUYA, Hiromu
KIYOKI, Souichiro
(31) 2015021712
(32) 06.02.2015
(33) Japan

(51) F03D 7/04
(11) EP2971758
(21) EP14779812.8
(47) 25.07.2018
(87) US2014023713
09.10.2014
(22) 11.03.2014
(54) WIND TURBINE CONTROL SYSTEM
(73) Illing Engineering Services
(72) ILLING, Wes
(31) 201361776709 P
(32) 11.03.2013
(33) United States of America

(51) F03D 7/04
F03D 7/02
H02P 9/04
H02J 3/48
(11) EP2781737
(21) EP11810982.6
(47) 25.07.2018
(87) JP2011076383
23.05.2013
(22) 16.11.2011
(54) WIND POWER GENERATION SYSTEM AND METHOD FOR CONTROLLING SAME
(73) Mitsubishi Heavy Industries, Ltd.
(72) YASUGI, Akira

(51) F03D 7/04
F03D 80/50
(11) EP3155260
(21) EP15725332.9
(47) 25.07.2018
(87) EP2015061734
17.12.2015
(22) 27.05.2015
(54) OPTIMAL WIND FARM OPERATION
(73) ABB Schweiz AG
(72) TIMBUS, Adrian
FRANKE, Carsten
ZIMA, Marija
(31) 14171827
(32) 10.06.2014
(33) European Patent Office (EPO)

(51) F03D 7/04
H02J 3/38
H02J 3/12
H02J 3/18
F03D 9/25
(11) EP3033816
(21) EP14750164.7
(47) 25.07.2018
(87) EP2014066615
19.02.2015
(22) 01.08.2014
(54) METHOD FOR FEEDING ELECTRIC POWER INTO A SUPPLY GRID
(73) Wobben Properties GmbH
(72) BEEKMANN, Alfred
BUSKER, Kai
(31) 102013216241
(32) 15.08.2013
(33) Germany

(51) F03D 13/10
F03D 13/40
B60P 3/40
B60P 7/12
(11) EP3033522
(21) EP14753199.0
(47) 25.07.2018
(87) DK2014050241
19.02.2015
(22) 12.08.2014
(54) DEVICE AND METHOD FOR TRANSPORTING AND STORING A WIND TURBINE BLADE
(73) Vestas Wind Systems A/S
(72) THOMSEN, Peter Frans
(31) 201370445
(32) 15.08.2013
(33) Denmark

(51) F03D 13/20
E04H 12/08
(11) EP2932095
(21) EP13798305.2
(47) 25.07.2018
(87) EP2013074667
26.06.2014
(22) 26.11.2013
(54) TRANSITION BODY FOR ARRANGING BETWEEN DIFFERENTLY DESIGNED SECTIONS OF A WIND POWER PLANT TOWER AND WIND POWER PLANT TOWER WITH SUCH A TRANSITION BODY
(73) ThyssenKrupp Steel Europe AG
(72) DREWES, Stephan
HIRT, Mark
PATON, Adrian
SAVVAS, Konstantinos
SCHILLING, Frank
(31) 102012112415
(32) 17.12.2012
(33) Germany

(51) F03D 80/30
F03D 1/06
(11) EP2930352
(21) EP14164222.3
(47) 25.07.2018
(22) 10.04.2014
(54) Wind turbine rotor blade with an equipotential bonding arrangement
(73) Nordex Energy GmbH
(72) Ohlerich, Nick
Hellwig, Lutz

(51) F03D 80/70
F16C 19/16
F16C 41/00
H02K 7/09
H02K 7/18
F03D 7/02
(11) EP2769090
(21) EP12759699.7
(47) 25.07.2018
(87) EP2012068083
21.03.2013
(22) 14.09.2012
(54) BEARING AND WIND TURBINE
(73) Aktiebolaget SKF
(72) ZIEGLER, Sebastian
OHLSCHEWSKI, Armin
DE VRIES, Alexander
VAN LEEUWEN, Bernardus Gerardus
STUBENRAUCH, Arno
(31) 102011082810
(32) 16.09.2011
(33) Germany

(51) F03G 7/04
F03B 17/00
(11) EP3186506
(21) EP15766797.3
(47) 25.07.2018
(87) EP2015071292
07.04.2016
(22) 17.09.2015
(54) DEVICE AND METHOD FOR STORING ENERGY
(73) Siemens Aktiengesellschaft
(72) TREMEL, Alexander
LENK, Uwe
(31) 102014219678
(32) 29.09.2014
(33) Germany

(51) F04B 1/20
F04B 1/32
(11) EP2914850
(21) EP13789121.4
(47) 25.07.2018
(87) US2013066813
08.05.2014
(22) 25.10.2013
(54) CRIMPLESS PISTON-SLIPPER ASSEMBLY
(73) Parker Hannifin Corporation
(72) LARKIN, Bruce

DYMINSKI, Daniel
(31) 201261721095 P
(32) 01.11.2012
(33) United States of America

(51) F04B 9/04
F04B 53/20
F16K 17/04
F02M 59/10
F02M 59/44
F02M 55/00
F04B 53/06
F02M 63/00
(11) EP3186500
(21) EP15750420.0
(47) 25.07.2018
(87) EP2015068594
03.03.2016
(22) 12.08.2015
(54) A HIGH PRESSURE FUEL PUMP WITH AN EVACUATION ASSEMBLY
(73) Delphi International Operations Luxembourg S.à r.l.
(72) MCHATTIE, James T. D.
(31) 201415141
(32) 27.08.2014
(33) United Kingdom

(51) F04B 25/00
(11) EP2652330
(21) EP11787619.3
(47) 25.07.2018
(87) EP2011005867
21.06.2012
(22) 22.11.2011
(54) COMPRESSOR, COMPRESSED-AIR SUPPLY SYSTEM, PNEUMATIC SYSTEM AND METHOD FOR OPERATING A COMPRESSED-AIR SUPPLY SYSTEM
(73) WABCO GmbH
(72) STABENOW, Uwe
(31) 102010054710
(32) 16.12.2010
(33) Germany

(51) F04B 35/04
F04B 39/00
(11) EP2818713
(21) EP14169573.4
(47) 25.07.2018
(22) 23.05.2014
(54) Linear compressor
(73) LG Electronics Inc.
(72) Kang, Kyoungseok
Jung, Wonhyun
Roh, Chulgi
Jeong, Sangsub
Song, Kiwook
Kim, Jookon
(31) 20130075512
20130075514
20130118464
(32) 28.06.2013
28.06.2013
04.10.2013
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) F04B 39/02
(11) EP3084216
(21) EP14789744.1
(47) 25.07.2018
(87) US2014060799
25.06.2015
(22) 16.10.2014
(54) REFRIGERANT COMPRESSOR LUBRICANT VISCOSITY ENHANCEMENT
(73) Carrier Corporation
(72) SHOULDERS, Stephen L.
(31) 201361917643 P
(32) 18.12.2013
(33) United States of America

(51) F04B 41/06
F04B 49/00
B01D 53/26
F04B 39/16
(11) EP3020972
(21) EP15193507.9
(47) 25.07.2018
(22) 06.11.2015
(54) INTERCOOLER BYPASS
(73) Kaeser Kompressoren SE
(72) Simross, Dirk
Fredenhagen, Andreas
(31) 102014116672
(32) 14.11.2014
(33) Germany

(51) F04B 43/00
F04B 43/02
F16J 3/02
(11) EP2567094
(21) EP10785340.0
(47) 25.07.2018
(87) EP2010006968
01.09.2011
(22) 16.11.2010
(54) DIAPHRAGM PUMP
(73) KNF Neuberger GmbH
(72) BECKER, Erich
HAUSER, Erwin
(31) 102010009670
(32) 27.02.2010
(33) Germany

(51) F04B 43/12
F04B 53/22
H05K 1/11
(11) EP3247905
(21) EP16707947.4
(47) 25.07.2018
(87) IB2016050058
14.07.2016
(22) 07.01.2016
(54) PERISTALTIC PUMP
(73) SEKO S.p.A.
(72) QUINTARELLI, Mauro
ESPOSITO, Luigino
(31) RM20150007
(32) 08.01.2015
(33) Italy

(51) F04B 45/04
F04B 45/047
(11) EP3073114
(21) EP16163739.2
(47) 25.07.2018
(22) 01.06.2009
(54) PIEZOELECTRIC MICRO-BLOWER
(73) MURATA MANUFACTURING CO., LTD.
(72) FUJISAKI, Masaaki
KURIHARA, Kiyoshi
KONDO, Daisuke
(31) 2008145395
(32) 03.06.2008
(33) Japan

(51) F04B 47/08
F04B 9/10
E21B 43/12
E21B 43/01
(11) EP1794454
(21) EP05781685.2
(47) 25.07.2018
(87) GB2005003422
16.03.2006
(22) 07.09.2005
(54) WELLBORE-EXTERNAL UNDERWATER PUMP
(73) OneSubsea IP UK Limited
(72) DONALD, Ian
REID, John
(31) 0419915
(32) 08.09.2004
(33) United Kingdom

(51) F04B 49/06
F04B 49/20
(11) EP3228865
(21) EP17162316.8
(47) 25.07.2018
(22) 22.03.2017
(54) METHOD FOR COMPENSATING FOR CYCLIC DISTURBANCES DURING THE OPERATION OF A PUMP AND CONTROL UNIT
(73) Jenaer Antriebstechnik GmbH
(72) König, Christian
Mitte, Kersten
Noack, Torsten
(31) 102016106483
(32) 08.04.2016
(33) Germany

(51) F04B 53/10
B81B 3/00
F16K 7/16
G01N 37/00
F16K 99/00
B01L 7/00
B01L 3/00
(11) EP2786019
(21) EP12849108.1
(47) 25.07.2018
(87) IB2012055643
23.05.2013
(22) 17.10.2012
(54) MICROFLUIDIC DEVICE WITH DEFORMABLE VALVE
(73) International Business Machines Corporation
Coris Bioconcept SPRL
(72) AVRAIN, Laetitia
DELAMARCHE, Emmanuel
HITZBLECK, Martina
LAURENT, Thierry
MERTENS, Pascal
SMEKENS, Valérie
(31) 11189421
(32) 16.11.2011
(33) European Patent Office (EPO)

(51) F04B 53/16

F04D 29/58
H02K 7/14
H02K 9/19
F04B 17/03
F04B 53/08
H02K 5/20
B08B 3/02
(11) EP2661558
(21) EP10790566.3
(47) 25.07.2018
(87) EP2010069664
21.06.2012
(22) 14.12.2010
(54) MOTOR PUMP UNIT FOR A HIGH-PRESSURE CLEANING DEVICE, AND HIGH-PRESSURE CLEANING DEVICE
(73) Alfred Kärcher GmbH & Co. KG
(72) DIRNBERGER, Sven
SPENGLER, Timo
BAREITER, Rudi
FISCHER, Markus
KLÖPFER, Jürgen
RUBBE, Alexander

(51) F04C 2/18
F04C 15/00
(11) EP2216550
(21) EP10001269.9
(47) 25.07.2018
(22) 08.02.2010
(54) Gear wheel pump with shaft seal
(73) Illinois Tool Works Inc.
(72) Rothen, Michael
(31) 202009001525 U
(32) 06.02.2009
(33) Germany

(51) F04C 18/02
(11) EP2284398
(21) EP09762388.8
(47) 25.07.2018
(87) JP2009060030
17.12.2009
(22) 02.06.2009
(54) SCROLL TYPE COMPRESSOR
(73) Mitsubishi Heavy Industries, Ltd.
(72) KIMATA, Yoshiyuki
SATO, Hajime
(31) 2008151929
(32) 10.06.2008
(33) Japan

(51) F04C 18/02
F04C 29/02
(11) EP2623785
(21) EP11828660.8
(47) 25.07.2018
(87) JP2011069089
05.04.2012
(22) 24.08.2011
(54) SCROLL FLUID MACHINE
(73) Anest Iwata Corporation
(72) SATO, Toru
ASAMI, Junichi
(31) 2010222772
(32) 30.09.2010
(33) Japan

(51) F04C 18/344
F04C 28/28
(11) EP2784325
(21) EP12851973.3
(47) 25.07.2018
(87) JP2012080260
30.05.2013
(22) 22.11.2012
(54) GAS COMPRESSOR
(73) Calsonic Kansei Corporation
(72) SHIMAGUCHI, Hirotada
HIRONO, Kouji
TSUDA, Masahiro
OSAKI, Tatsuya
KANEKO, Shizuma
(31) 2011256005
2012060233
2012136863
(32) 24.11.2011
16.03.2012
18.06.2012
(33) Japan
Japan
Japan

(51) F04C 29/00
F04C 18/02
F04B 39/16
F04C 29/12
F04C 29/02
F04C 23/00
(11) EP2347132
(21) EP09820980.2
(47) 25.07.2018
(87) US2009058032
22.04.2010
(22) 23.09.2009
(54) INLET SCREEN AND SCROLL COMPRESSOR INCORPORATING SAME
(73) BITZER Kühlmaschinenbau GmbH
(72) DUPPERT, Ronald, J.
(31) 250696
(32) 14.10.2008
(33) United States of America

(51) F04C 29/00
F04C 18/02
F04C 18/328
(11) EP2946115
(21) EP14700355.2
(47) 25.07.2018
(87) EP2014050407
24.07.2014
(22) 10.01.2014
(54) SPIRAL COMPRESSOR
(73) Mahle International GmbH
(72) BEEZ, Steve
DUSIK, Marius
EGGLER, Jochen
ELSÄßER, Alfred
EWERT, Sebastian
GOMMEL, Achim
HANSLIK, Karl-Heinz
JAGO, Ian
KIRSCHNER, Volker
KUNBERGER, Ottokar
REYNOLDS, Ian
SCHMIDT, Thomas
SENJIC, Sascha
UIBELEISEN, Hans Christian
YILMAZ, Cihan
(31) 102013200807
(32) 18.01.2013
(33) Germany

(51) F04D 13/04
F04D 29/22
(11) EP3084225
(21) EP14792617.4
(47) 25.07.2018
(87) NL2014050721
23.04.2015
(22) 16.10.2014
(54) SPIRAL PUMP AND MANUFACTURING METHOD THEREFOR
(73) aQysta Holding B.V.
(72) HENNY, Frederik Leonardus
BUDELMANN, Lennart Thore
THAPA, Pratap
(31) 2011650
(32) 18.10.2013
(33) Netherlands

(51) F04D 13/06
(11) EP2730785
(21) EP12191652.2
(47) 25.07.2018
(22) 07.11.2012
(54) Automotive electric liquid pump
(73) Pierburg Pump Technology GmbH
(72) Malvasi, Alessandro, Dr.
Wegener, Robin

(51) F04D 15/00
(11) EP2754899
(21) EP13192804.6
(47) 25.07.2018
(22) 14.11.2013
(54) Radial pump
(73) TCG Unitech Systemtechnik GmbH
(72) Elmer, Günter
(31) 500052013
(32) 09.01.2013
(33) Austria

(51) F04D 15/00
F04B 23/10
(11) EP2300718
(21) EP09753548.8
(47) 25.07.2018
(87) DE2009000751
03.12.2009
(22) 27.05.2009
(54) CONTROLLABLE COOLANT PUMP
(73) NIDEC GPM GmbH
(72) SCHMIDT, Eugen
PAWELLEK, Franz
GEISSEL, Eberhard
HAGEN, Dirk
REXHÄUSER, Michael
(31) 102008026218
(32) 30.05.2008
(33) Germany

(51) F04D 15/00
F04D 15/02
F04B 49/06
F04B 49/08
F04B 49/10
(11) EP2910787
(21) EP13843458.4
(47) 25.07.2018
(87) JP2013076476
10.04.2014
(22) 30.09.2013
(54) WATER SUPPLY DEVICE
(73) Ebara Corporation

(72) IKEDA, Masayoshi
TEJIMA, Tomoharu
NINOMIYA, Hironori
KINOSHITA, Noboru
TAMURA, Hiroyuki
TATEISHI, Kazufumi
NAKAJIMA, Kaoru
(31) 2012221876
(32) 04.10.2012
(33) Japan

(51) F04D 19/04
F04D 29/02
(11) EP2597313
(21) EP12191948.4
(47) 25.07.2018
(22) 09.11.2012
(54) High speed rotor for a vacuum pump
(73) PFEIFFER VACUUM GMBH
(72) Mädler, Matthias
(31) 102011119506
(32) 26.11.2011
(33) Germany

(51) F04D 29/02
F04D 29/54
F01D 9/04
F01D 25/24
F04D 29/64
(11) EP2706240
(21) EP13180513.7
(47) 25.07.2018
(22) 15.08.2013
(54) Guide vane assembly
(73) Rolls-Royce plc
(72) Drane, Andrew
(31) 201215906
(32) 06.09.2012
(33) United Kingdom

(51) F04D 29/16
F04D 29/54
F04D 29/52
(11) EP2083175
(21) EP07739979.8
(47) 25.07.2018
(87) JP2007056541
15.05.2008
(22) 28.03.2007
(54) STATOR BLADE AND ROTOR BLADE OF COMPRESSOR
(73) IHI Corporation
(72) GOTO, Shinya
MUROOKA, Takeshi
(31) 2006302551
(32) 08.11.2006
(33) Japan

(51) F04D 29/42
(11) EP1582749
(21) EP05005324.8
(47) 25.07.2018
(22) 11.03.2005
(54) Air intake
(73) Valeo Klimasysteme GmbH
(72) Krempel, Günter
Stroehla, Ralph
(31) 102004015829
(32) 31.03.2004
(33) Germany

(51) F04D 29/70
F04D 19/00
F04D 25/06
F04D 25/08
F04D 29/54
A01G 20/43
(11) EP3093497
(21) EP16168754.6
(47) 25.07.2018
(22) 09.05.2016
(54) BLOWER
(73) Chervon (HK) Limited
(72) SHAO, Xiandian
YAMAOKA, Toshinari
NIE, Fangjie
GUO, Jianpeng
(31) 201510238214
201510237994
201510235809
201510235758
201510235719
(32) 11.05.2015
11.05.2015
11.05.2015
11.05.2015
11.05.2015
(33) China
China
China
China
China

(51) F04F 5/20
F04F 5/46
G21C 15/25
(11) EP2299125
(21) EP10173264.2
(47) 25.07.2018
(22) 18.08.2010
(54) Jet Pump Assembly Having Increased Entrainment Flow
(73) GE-Hitachi Nuclear Energy Americas LLC
(72) Bass, John Robert
Ellison, Phillip G.
Malone, Bobby
Yan, Jin
(31) 546956
(32) 25.08.2009
(33) United States of America

(51) F15B 11/00
F15B 11/02
F15B 11/16
E02F 9/22
(11) EP2863065
(21) EP13803591.0
(47) 25.07.2018
(87) JP2013056195
19.12.2013
(22) 06.03.2013
(54) CONSTRUCTION-MACHINERY HYDRAULIC CIRCUIT, AND CONTROL DEVICE THEREFOR
(73) Sumitomo (S.H.I.) Construction Machinery Co., Ltd.
(72) HASHIMOTO, Hirofumi
(31) 2012136352
(32) 15.06.2012
(33) Japan

(51) F15B 11/024
(11) EP2400165
(21) EP11004846.9
(47) 25.07.2018
(22) 14.06.2011
(54) Method for operating a pneumatic actuating drive and pneumatic actuating drive
(73) Samson Aktiengesellschaft
(72) Karte, Thomas
(31) 102010024723
(32) 23.06.2010
(33) Germany

(51) F15B 15/12
(11) EP2961995
(21) EP14709085.6
(47) 25.07.2018
(87) US2014017582
04.09.2014
(22) 21.02.2014
(54) ROTARY PISTON TYPE ACTUATOR WITH A CENTRAL ACTUATION ASSEMBLY
(73) Woodward, Inc.
(72) SOBOLEWSKI, Pawel A.
HYDARI, Shahbaz H.
O'HARA, Robert P.
KIM, Joseph H.
(31) 201313778561
201313831220
(32) 27.02.2013
14.03.2013
(33) United States of America
United States of America

(51) F15B 15/12
F15B 15/18
F15B 21/12
(11) EP2831427
(21) EP13725056.9
(47) 25.07.2018
(87) DE2013100116
03.10.2013
(22) 28.03.2013
(54) HYDRAULIC ROTARY DRIVE DEVICE
(73) Diem, Reinhard
(72) Diem, Reinhard
(31) 202012101137 U
(32) 29.03.2012
(33) Germany

(51) F15B 15/14
(11) EP2494216
(21) EP10784685.9
(47) 25.07.2018
(87) EP2010006614
05.05.2011
(22) 29.10.2010
(54) FLUID OPERATED ACTUATOR
(73) Norgren GmbH
(72) ENGELS, Martin
VERHULSDONK, Roland
RIEDEL, Ralph
(31) 256176 P
(32) 29.10.2009
(33) United States of America

(51) F15D 1/02
F15B 21/04
E21B 34/08
E21B 43/20
(11) EP2646696
(21) EP11846032.8
(47) 25.07.2018

(87) US2011059631
07.06.2012
(22) 07.11.2011
(54) A DEVICE FOR DIRECTING THE FLOW A FLUID USING A PRESSURE SWITCH
(73) Halliburton Energy Services, Inc.
(72) DYKSTRA, Jason, D.
FRIPP, Michael, L.
(31) 958625
(32) 02.12.2010
(33) United States of America

(51) F16B 3/00
B25J 15/00
F16B 7/04
B29C 67/00
(11) EP3106678
(21) EP15172181.8
(47) 25.07.2018
(22) 15.06.2015
(54) A JOINT FOR CONSTRUCTIONS
(73) C.R.F. Società Consortile per Azioni
(72) Zanella, Alessandro

(51) F16B 12/44
(11) EP2243969
(21) EP10155715.5
(47) 25.07.2018
(22) 08.03.2010
(54) Connection group between a leg and a shelf of a piece of furniture
(73) LEONARDO S.r.l.
(72) Cattaneo, Carlo
(31) MI20090700
(32) 24.04.2009
(33) Italy

(51) F16B 19/10
(11) EP3011192
(21) EP14737330.2
(47) 25.07.2018
(87) IB2014062382
24.12.2014
(22) 18.06.2014
(54) REMOVABLE BLIND FASTENER FOR NARROW APERTURES
(73) Kwikbolt Limited
(72) NIKLEWICZ, Jan
CARRAN, Dean
(31) 201310926
(32) 19.06.2013
(33) United Kingdom

(51) F16B 25/00
F16B 25/10
(11) EP2663779
(21) EP12700280.6
(47) 25.07.2018
(87) EP2012050415
19.07.2012
(22) 12.01.2012
(54) SCREW
(73) SWG Schraubenwerk Gaisbach GmbH
(72) STIEBITZ, Günter
(31) 102011002723
(32) 14.01.2011
(33) Germany

(51) F16B 37/12
F16B 39/34
H01R 4/30
(11) EP3074646
(21) EP14865204.3
(47) 25.07.2018
(87) US2014067751
04.06.2015
(22) 26.11.2014
(54) SCREW-LOCKING INSERT
(73) PEM Management, Inc.
(72) FAHY, Trevor
(31) 201361909675 P
(32) 27.11.2013
(33) United States of America

(51) F16B 39/04
F16B 39/08
(11) EP3020984
(21) EP14192992.7
(47) 25.07.2018
(22) 13.11.2014
(54) A split pin safety cap
(73) Safran Landing Systems UK Limited
(72) Hilliard, Matthew

(51) F16C 3/02
F16C 33/66
(11) EP2865904
(21) EP14189530.0
(47) 25.07.2018
(22) 20.10.2014
(54) Chambered shaft for improved bearing lubrication
(73) Hamilton Sundstrand Corporation
(72) Krause, Joseph Paul
Abels, Jan Henry
(31) 201361894693 P
201414182179
(32) 23.10.2013
17.02.2014
(33) United States of America
United States of America

(51) F16C 19/18
F16C 19/38
F16C 27/04
F01D 25/16
F16C 35/077
F16C 39/02
F16C 41/02
F16C 27/08
F16C 23/08
F01D 21/08
F02K 3/06
(11) EP2821657
(21) EP14170457.7
(47) 25.07.2018
(22) 29.05.2014
(54) Bearing arrangement
(73) Rolls-Royce plc
(72) Fletcher, Paul
Webster, John
Maguire, Alan
(31) 201310834
(32) 18.06.2013
(33) United Kingdom

(51) F16C 29/06
F16C 33/66
F16C 33/72
F16C 29/04
(11) EP2889499
(21) EP13833603.7
(47) 25.07.2018
(87) JP2013005028
06.03.2014
(22) 26.08.2013
(54) END CAP AND LINEAR MOTION GUIDE DEVICE WITH END CAP
(73) NSK Ltd.
(72) NISHIYAMA, Kazuhito
NAKAGAWA, Takumi
(31) 2012186884
2012186885
(32) 27.08.2012
27.08.2012
(33) Japan
Japan

(51) F16C 33/10
F16C 9/02
F16C 17/02
(11) EP3070354
(21) EP14861630.3
(47) 25.07.2018
(87) JP2014079569
21.05.2015
(22) 07.11.2014
(54) SLIDING BEARING
(73) Taiho Kogyo Co., Ltd.
(72) ASHIHARA, Katsuhiro
KAJIKI, Yuichiro
TAKATA, Hiroki
(31) 2013234245
(32) 12.11.2013
(33) Japan

(51) F16C 33/20
F16C 27/02
F16C 17/02
B60H 1/00
F16C 11/04
F16C 25/04
(11) EP3117115
(21) EP15708173.8
(47) 25.07.2018
(87) EP2015054245
17.09.2015
(22) 02.03.2015
(54) ROTARY LEVER ASSEMBLY
(73) Valeo Klimasysteme GmbH
(72) WEBER, Jens
(31) 102014103416
(32) 13.03.2014
(33) Germany

(51) F16C 33/58
B60B 35/02
B60B 35/18
F16C 19/18
F16C 33/32
F16C 35/073
(11) EP2944837
(21) EP14738290.7
(47) 25.07.2018
(87) JP2014050144
17.07.2014
(22) 08.01.2014
(54) BEARING DEVICE FOR WHEEL
(73) NTN Corporation
(72) KOMORI, Kazuo
(31) 2013001666
(32) 09.01.2013
(33) Japan

(51) F16C 33/62
F16C 33/64

F03D 80/70
F16C 19/06
F16C 19/18
F16C 19/52
F16C 33/76
(11) EP2749781
(21) EP12825668.2
(47) 25.07.2018
(87) JP2012070347
28.02.2013
(22) 09.08.2012
(54) ROLLER BEARING
(73) NTN Corporation
(72) SUZUKI, Katsuhiro
SHIMAZU, Eiichirou
(31) 2011181713
(32) 23.08.2011
(33) Japan

(51) F16C 33/78
F16C 33/80
F16C 35/063
F16C 19/38
(11) EP2557324
(21) EP11765409.5
(47) 25.07.2018
(87) JP2011057108
13.10.2011
(22) 24.03.2011
(54) BEARING DEVICE FOR AXLE OF RAILWAY VEHICLE
(73) NTN Corporation
(72) SHIMIZU Yasuhiko
SHIMIZU Yasuhiro
MURAKAMI Fumihiro
KATAOKA Masahiko
UENO Masanori
(31) 2010133210
2010089484
(32) 10.06.2010
08.04.2010
(33) Japan
Japan

(51) F16D 3/06
F16D 1/02
(11) EP2863084
(21) EP13807294.7
(47) 25.07.2018
(87) JP2013066556
27.12.2013
(22) 17.06.2013
(54) STRUCTURAL BODY FOR SHAFT, MALE MEMBER, AND FEMALE MEMBER
(73) Nitta Corporation
(72) AOKI, Kenichiro
KIYOHARA, Yoshiharu
ISHIZAKI, Yoji
NAKAI, Katsuyuki
AOKI, Yasuhiro
KOJIMA, Toshihiko
(31) 2012137828
2012219686
2013117482
(32) 19.06.2012
01.10.2012
04.06.2013
(33) Japan
Japan
Japan

(51) F16D 3/50
(11) EP2588773
(21) EP11781887.2
(47) 25.07.2018
(87) SE2011050890
05.01.2012
(22) 30.06.2011
(54) SYSTEM FOR POSITIONAL MEASUREMENT IN A COUPLING DEVICE
(73) Acoem AB
(72) STRÖMBERG, Peter
SANDSTRÖM, Peter
KRON, Clas
(31) 1050720
(32) 30.06.2010
(33) Sweden

(51) F16D 13/64
(11) EP2678577
(21) EP12743650.9
(47) 25.07.2018
(87) DE2012000138
07.09.2012
(22) 16.02.2012
(54) DRY DUAL CLUTCH OR DRY FRICTION CLUTCH
(73) Schaeffler Technologies AG & Co. KG
(72) KIMMIG, Karl-Ludwig
(31) 102011012478
(32) 25.02.2011
(33) Germany

(51) F16D 13/64
(11) EP3179124
(21) EP16202444.2
(47) 25.07.2018
(22) 06.12.2016
(54) FRICTION DISC
(73) Miba Frictec GmbH
(72) HARTNER, Gerhard
MARKOWSKY, Florian
(31) 510562015
(32) 11.12.2015
(33) Austria

(51) F16D 13/71
(11) EP2710275
(21) EP12727259.9
(47) 25.07.2018
(87) DE2012000438
22.11.2012
(22) 27.04.2012
(54) CLUTCH COVER AND CLUTCH DEVICE WITH A CLUTCH COVER
(73) Schaeffler Technologies AG & Co. KG
(72) KOTLJAROW, Valeri
(31) 102011101501
102011080350
102011080363
(32) 16.05.2011
03.08.2011
03.08.2011
(33) Germany
Germany
Germany

(51) F16D 13/72
(11) EP2951454
(21) EP14701582.0
(47) 25.07.2018
(87) EP2014051716
07.08.2014
(22) 29.01.2014
(54) INTEGRATED COOLING SYSTEM FOR A DRY DUAL CLUTCH OF A DUAL CLUTCH TRANSMISSION
(73) Ford Global Technologies, LLC
(72) KIRCHHOFFER, Johann
(31) 102013201423
(32) 29.01.2013
(33) Germany

(51) F16D 23/12
F16D 13/75
(11) EP3187743
(21) EP17151297.3
(47) 25.07.2018
(22) 29.06.2015
(54) ACTUATION UNIT FOR A CLUTCH AND MOTOR VEHICLE
(73) ZF Friedrichshafen AG
(72) Mäder, Fred
Baumgart, Sebastian
(31) 102014215324
(32) 04.08.2014
(33) Germany

(51) F16D 43/284
F16D 28/00
F16D 41/08
F16D 27/112
F16D 25/08
F16H 48/12
F16H 48/16
F16H 48/18
F16H 48/19
F16H 48/20
F16H 48/22
F16H 48/30
F16H 48/32
F16H 48/34
F16H 48/42
F04B 1/04
F04B 9/02
F04B 49/06
F04B 53/00
(11) EP2024656
(21) EP07795017.8
(47) 25.07.2018
(87) US2007011883
21.12.2007
(22) 18.05.2007
(54) SELF-ENERGIZING PUMP FOR OVERRUNNING CLUTCH
(73) The Hilliard Corporation
(72) OCHAB, David, C.
BREWER, Brendan
COWEN, Matthew, J.
HEATH, Kelly, P.
HASSON, John, Michael, Jr.
(31) 449109
(32) 08.06.2006
(33) United States of America

(51) F16D 48/06
(11) EP2686571
(21) EP12757310.3
(47) 25.07.2018
(87) SE2012050272
20.09.2012

(22) 12.03.2012
(54) METHOD AND SYSTEM FOR DETERMINATION OF A NEED FOR CONTACT POINT ADAPTATION
(73) Scania CV AB
(72) REDBRANDT, Karl
LAGHAMN, Andreas
(31) 1150217
(32) 14.03.2011
(33) Sweden

(51) F16D 66/02
B60T 17/22
(11) EP2990683
(21) EP15169143.3
(47) 25.07.2018
(22) 26.05.2015
(54) ELECTRONIC STROKE SENSOR FOR AIR DISC BRAKE
(73) INDIAN HEAD INDUSTRIES, INC.
(72) WALLACE, Thomas Edward
RINK, Richard J.
SINGLETARY, Glenn
CHANDLER, Mark David
SCHARTNER, Andrew P.
(31) 201414289152
(32) 28.05.2014
(33) United States of America

(51) F16D 69/02
(11) EP2491267
(21) EP09850674.4
(47) 25.07.2018
(87) US2009061814
28.04.2011
(22) 23.10.2009
(54) FRICTION MATERIAL FOR BRAKES
(73) Federal-Mogul Products, Inc.
(72) SUBRAMANIAN, Vijay

(51) F16F 9/04
B60G 11/27
(11) EP2984364
(21) EP14719642.2
(47) 25.07.2018
(87) EP2014055893
16.10.2014
(22) 25.03.2014
(54) AIR SPRING, IN PARTICULAR FOR VEHICLES
(73) Continental Teves AG&Co. Ohg
(72) BINDER, Klaus
(31) 102013206235
(32) 09.04.2013
(33) Germany

(51) F16F 9/04
F16F 15/027
B60N 2/50
B60N 2/52
B60G 17/04
B60G 99/00
(11) EP2211072
(21) EP10151037.8
(47) 25.07.2018
(22) 19.01.2010
(54) A Mass and a device for cushioning the mass and method for adjusting and/or operating a fluid cushion of said device
(73) GRAMMER AG
(72) Kolb, Jens
Haller, Erwin
(31) 102009005381
(32) 21.01.2009
(33) Germany

(51) F16F 9/46
F16F 9/52
(11) EP2017494
(21) EP08104657.5
(47) 25.07.2018
(22) 07.07.2008
(54) Shock absorber and method for calibrating same
(73) Weforma Dämpfungstechnik GmbH
(72) Schmidt, Armin
(31) 102007033327
(32) 16.07.2007
(33) Germany

(51) F16G 3/16
B30B 15/34
B65G 15/32
F16G 3/10
(11) EP2989347
(21) EP14788568.5
(47) 25.07.2018
(87) CA2014000375
30.10.2014
(22) 28.04.2014
(54) AIR-COOLED BELT SPLICER
(73) Shaw-Almex Industries Limited
(72) SHAW, Timothy Glen
(31) 201307592
(32) 26.04.2013
(33) United Kingdom

(51) F16H 7/02
F16H 57/04
(11) EP3228903
(21) EP16164042.0
(47) 25.07.2018
(22) 06.04.2016
(54) A DEVICE FOR TRANSFERRING ROTATIONAL POWER, A MACHINE INCLUDING SUCH A DEVICE AND USE OF SUCH A DEVICE
(73) Cimco Marine AB
(72) Blomdahl, Andreas

(51) F16H 15/50
F16H 61/662
(11) EP2558748
(21) EP11769220.2
(47) 25.07.2018
(87) US2011000686
20.10.2011
(22) 14.04.2011
(54) CONTINUOUSLY VARIABLE TRANSMISSION DEVICE AND METHOD
(73) Orbital Traction Limited
(72) KLIEWER, Joe
SCHAAF, Stuart
(31) 201006292
(32) 15.04.2010
(33) United Kingdom

(51) F16H 25/16
F16H 55/08
(11) EP2683965
(21) EP12707481.3
(47) 25.07.2018
(87) EP2012000872
13.09.2012
(22) 29.02.2012
(54) DEVICE FOR VACUUM AND FOR TRANSMITTING OR FOR ENABLING A MOVEMENT
(73) CreaTec Fischer & Co. GmbH
(72) BRAUN, Wolfgang
(31) 102011013245
(32) 07.03.2011
(33) Germany

(51) F16H 25/20
B60T 17/22
F16D 65/14
F16D 65/18
F16D 66/00
H02K 7/06
H02K 7/116
(11) EP2775170
(21) EP12845180.4
(47) 25.07.2018
(87) JP2012078140
10.05.2013
(22) 31.10.2012
(54) ELECTRIC LINEAR MOTION ACTUATOR
(73) NTN Corporation
(72) YAMASAKI Tatsuya
MASUDA Yui
MURAMATSU Makoto
EGUCHI Masaaki
SAOYAMA Yuki
(31) 2011241064
(32) 02.11.2011
(33) Japan

(51) F16H 55/12
(11) EP3222883
(21) EP17161191.6
(47) 25.07.2018
(22) 15.03.2017
(54) PINION FORMED BY TWO JOINABLE PARTS
(73) System Plast S.r.l.
(72) MULLER, Markus
ZANI, Francesco
VAN DER HOEVEN, Ted
(31) UA20161929
(32) 23.03.2016
(33) Italy

(51) F16H 57/04
(11) EP3146239
(21) EP15723969.0
(47) 25.07.2018
(87) EP2015061359
26.11.2015
(22) 22.05.2015
(54) SPUR GEAR TRANSMISSION
(73) Voith Patent GmbH
(72) KÄMMERER, Steffen
ZEMELLA, Philipp
(31) 102014209922
(32) 23.05.2014
(33) Germany

(51) F16H 57/08
(11) EP2990695
(21) EP15002227.5
(47) 25.07.2018
(22) 09.12.2009
(54) PLANETARY GEAR
(73) SEW-EURODRIVE GmbH & Co. KG

(72) GRIMM, Andreas
(31) 102008061902
102009042585
(32) 15.12.2008
24.09.2009
(33) Germany
Germany

(51) F16H 59/04
F16H 63/08
F16H 63/14
F16H 63/50
F16H 59/02
(11) EP3196511
(21) EP16207442.1
(47) 25.07.2018
(22) 30.12.2016
(54) SPEED CHANGE DEVICE FOR MOTORCYCLE
(73) Honda Motor Co., Ltd.
(72) Nakai, Yusuke
Kobayashi, Taito
(31) 2016009245
(32) 20.01.2016
(33) Japan

(51) F16H 61/04
F16H 61/12
F16H 61/20
(11) EP2002156
(21) EP07712326.3
(47) 25.07.2018
(87) EP2007051834
11.10.2007
(22) 27.02.2007
(54) METHOD FOR OPERATING AN AUTOMATIC GEARBOX
(73) ZF Friedrichshafen AG
(72) POPP, Christian
STEINHAUSER, Klaus
SCHMIDT, Thilo
SCHIELE, Peter
ALLGAIER, Bernd
(31) 102006014947
(32) 31.03.2006
(33) Germany

(51) F16H 61/06
F16H 59/46
(11) EP2833029
(21) EP13768718.2
(47) 25.07.2018
(87) JP2013054383
03.10.2013
(22) 21.02.2013
(54) AUTOMATIC TRANSMISSION AND METHOD FOR CONTROLLING SAME
(73) Nissan Motor Co., Ltd
JATCO Ltd
(72) INOUE, Takuichiro
TANAKA, Hiroyasu
INOUE, Mamiko
TAKAHASHI, Seiichiro
(31) 2012074911
(32) 28.03.2012
(33) Japan

(51) F16J 15/06
F16J 15/3236
H05K 9/00
H01R 13/6583
H01R 39/64
(11) EP2412066
(21) EP10709099.5
(47) 25.07.2018
(87) US2010021745
30.09.2010
(22) 22.01.2010
(54) ELECTRICALLY CONDUCTIVE BEARING RETAINERS
(73) Raytheon Company
(72) CHIN, Patricia, D.
BROWN, Daniel, P.
STRAYER, James, D.
(31) 411168
(32) 25.03.2009
(33) United States of America

(51) F16J 15/34
(11) EP2495478
(21) EP10826676.8
(47) 25.07.2018
(87) JP2010068867
05.05.2011
(22) 25.10.2010
(54) MECHANICAL SEAL
(73) Eagle Industry Co., Ltd.
(72) AOIKE, Hiroshi
INOUE, Hideyuki
MATSUKI, Takuji
NAKAMURA, Masaru
TAKENO, Hiroki
TESHIMA, Yoshihiro
(31) 2009250343
(32) 30.10.2009
(33) Japan

(51) F16K 3/24
F16K 31/126
F16K 1/48
(11) EP2577119
(21) EP11721948.5
(47) 25.07.2018
(87) US2011036850
01.12.2011
(22) 17.05.2011
(54) FLUID REGULATOR
(73) Emerson Process Management Regulator Technologies, Inc.
(72) SCHNEIDER, Gregg, Alan
(31) 786093
(32) 24.05.2010
(33) United States of America

(51) F16K 11/07
(11) EP3204675
(21) EP15767507.5
(47) 25.07.2018
(87) EP2015072039
14.04.2016
(22) 24.09.2015
(54) MULTI-WAY SLIDING VALVE AND USE OF SUCH A VALVE FOR COOLING AND LOADING/UNLOADING OF IRRADIATION TARGET IN A TANK FOR NUCLEAR REACTOR
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) GAY, Sébastien
MOLLA, Alexandre
ANTHONY, Muriel
(31) 1459746
(32) 10.10.2014
(33) France

(51) F16K 11/087
F16K 27/06
(11) EP3037699
(21) EP14199741.1
(47) 25.07.2018
(22) 22.12.2014
(54) Mixer valve
(73) Grundfos Holding A/S
(72) Iversen, Käre
Overgaard, Torben Heilskov

(51) F16K 27/00
(11) EP2913570
(21) EP15154512.6
(47) 25.07.2018
(22) 10.02.2015
(54) Control block for a hydraulic system of an industrial truck with at least one hydraulic valve
(73) Jungheinrich Aktiengesellschaft
(72) Göpner, Oliver
(31) 102014101764
(32) 12.02.2014
(33) Germany

(51) F16K 31/385
F16K 27/02
(11) EP3189257
(21) EP15734574.5
(47) 25.07.2018
(87) EP2015001330
10.03.2016
(22) 01.07.2015
(54) SHUT-OFF VALVE AND USE OF SUCH A SHUT-OFF VALVE
(73) Neoperl GmbH
(72) HAUTH, Matthias
(31) 202014007070 U
(32) 04.09.2014
(33) Germany

(51) F16K 31/40
(11) EP3070383
(21) EP16161087.8
(47) 25.07.2018
(22) 18.03.2016
(54) SERVO VALVE
(73) A. u. K. Müller GmbH & Co. KG
(31) 102015104258
(32) 20.03.2015
(33) Germany

(51) F16K 31/42
F15B 13/043
F15B 13/02
F16K 31/06
(11) EP2998587
(21) EP14194372.0
(47) 25.07.2018
(22) 21.11.2014
(54) Control valve controlled by a control to adjust the control pressure thereof
(73) Bontaz Centre R&D
(72) Perotto, Stéphane, Pascal
Taupeau, Anthony, Raymond, Arthur
Salomon, Cyrille, Yves
(31) 1458906
(32) 22.09.2014
(33) France

(51) F16K 37/00

(11) EP2811173
(21) EP13170449.6
(47) 25.07.2018
(22) 04.06.2013
(54) A hydraulic system and a method for operating a hydraulic system
(73) Danfoss Power Solutions Aps
(72) Hjorth, Henrik
Christensen, Erik

(51) F16K 39/02
F16L 37/32
(11) EP2809978
(21) EP13704851.8
(47) 25.07.2018
(87) US2013023390
08.08.2013
(22) 28.01.2013
(54) DUAL STAGE POPPET
(73) Eaton Corporation
(72) MURRAY, Keith, A.
(31) 201261593534 P
(32) 01.02.2012
(33) United States of America

(51) F16K 41/08
F16L 3/08
F01L 3/08
F16J 15/32
(11) EP1890058
(21) EP07015776.3
(47) 25.07.2018
(22) 10.08.2007
(54) Oil seal for valve stem
(73) Carl Freudenberg KG
(72) Ozawa, Kentaro
(31) 2006221417
(32) 15.08.2006
(33) Japan

(51) F16L 1/024
B23B 41/08
F16L 41/06
F16K 1/12
(11) EP2977660
(21) EP14770739.2
(47) 25.07.2018
(87) JP2014058140
25.09.2014
(22) 24.03.2014
(54) SNAP TAP MOLDING METHOD AND SNAP TAP ATTACHMENT TOOL USED IN SAID METHOD
(73) Yone Corporation
(72) YONEDA Toyohiko
YONEDA Tetsuzo
DOMAN Norio
(31) 2013058820
2013058821
2013072200
(32) 21.03.2013
21.03.2013
29.03.2013
(33) Japan
Japan
Japan

(51) F16L 9/18
F16L 37/56
F28D 7/10
F16L 53/32
(11) EP2653770
(21) EP12164969.3
(47) 25.07.2018
(22) 20.04.2012
(54) Connector, in particular quick connector
(73) TI Automotive (Heidelberg) GmbH
(72) Barthel, Iris
Jensen, Hans
Bol, Alexander

(51) F16L 11/08
C08J 7/02
B29C 47/00
B29C 47/02
B29C 47/06
B29C 71/00
(11) EP3034921
(21) EP16154060.4
(47) 25.07.2018
(22) 19.04.2012
(54) METHOD OF PRODUCING A FLEXIBLE PIPE BODY
(73) GE Oil & Gas UK Limited
(72) Fernando, Upul Shanthilal
Dodds, Neville
Graham, Geoffrey Stephen
Davidson, Michelle
Kirton, Peter
Nott, Philip
Thompson, Andrew

(51) F16L 13/02
B05B 13/04
F16L 58/10
(11) EP3059482
(21) EP15155405.2
(47) 25.07.2018
(22) 17.02.2015
(54) Apparatus and method for coating pipes
(73) Serimax Holdings
(72) COTTRELL, Terence
BOND, Phil
VINCENT, Carl

(51) F16L 13/14
F16L 33/22
(11) EP3090197
(21) EP14824801.6
(47) 25.07.2018
(87) EP2014078132
09.07.2015
(22) 17.12.2014
(54) CLAMPING RING, SLIDING SLEEVE, ARRANGEMENT, AND METHOD FOR PRODUCING A NON-RELEASABLE CONNECTION
(73) Viega Technology GmbH & Co. KG
(72) SCHRÖDER, Klaus
STAHLSCMIDT, Matthias
BOHR, Karsten
SINOPLU, Sudi
SCHMITT, Detlev
(31) 102014100028
(32) 03.01.2014
(33) Germany

(51) F16L 37/00
F16L 19/025
(11) EP2971919
(21) EP14775166.3
(47) 25.07.2018
(87) US2014019373
02.10.2014
(22) 28.02.2014
(54) HIGH PRESSURE FITTING
(73) Uniweld Products, Inc.
(72) PEARL, David S. II
PEARL, Douglas B.
BUKUR, Dragan
(31) 201313804344
(32) 14.03.2013
(33) United States of America

(51) F16L 39/06
B63B 21/50
B63B 22/02
(11) EP3105489
(21) EP15749672.0
(47) 25.07.2018
(87) US2015013033
20.08.2015
(22) 27.01.2015
(54) HIGH PRESSURE FLUID SWIVEL
(73) Sofec Inc.
(72) BOATMAN, L. Terry
ROY, Stephane
(31) 201414178106
(32) 11.02.2014
(33) United States of America

(51) F16L 55/115
F16L 9/18
F16L 45/00
F23J 13/04
F23J 13/08
(11) EP3214353
(21) EP16191581.4
(47) 25.07.2018
(22) 29.09.2016
(54) TUBE UNIT FOR THE AIR SUPPLY AS WELL AS FOR THE DISCHARGE OF EXHAUST FUMES OF COMBUSTION EQUIPMENT
(73) Bächle, Dieter
(72) Bächle, Dieter
(31) 202016101125 U
(32) 02.03.2016
(33) Germany

(51) F16L 55/124
F16L 55/132
G01M 3/02
(11) EP2320120
(21) EP10251879.2
(47) 25.07.2018
(22) 29.10.2010
(54) Isolation tool
(73) STATS (UK) Limited
(72) Bowie, Angus George
(31) 0919022
(32) 30.10.2009
(33) United Kingdom

(51) F16L 55/132
F16L 55/11
F16J 13/02
(11) EP2924322
(21) EP15159440.5
(47) 25.07.2018
(22) 17.03.2015
(54) SEALING DEVICE
(73) Ford Global Technologies, LLC
(72) Kutzinsky, Ralf
Meier-Sponheuer, Jürgen
Michels, Ralf

Naumann, Oliver
Bäumler, Wilfried
(31) 102014205626
(32) 26.03.2014
(33) Germany

(51) F16L 55/18
F16L 55/26
B08B 9/043
B29C 63/48
E03F 9/00
(11) EP2780623
(21) EP12850496.6
(47) 25.07.2018
(87) FI2012051131
23.05.2013
(22) 16.11.2012
(54) Device and system for removal of pipe renovation material from pipe and use of such a device
(73) Picote Solutions Oy Ltd
(72) LOKKINEN, Mika
LOKKINEN, Juho
(31) 20116146
(32) 17.11.2011
(33) Finland

(51) F16L 59/14
F16L 9/18
(11) EP2988050
(21) EP13900354.5
(47) 25.07.2018
(87) RU2013001159
02.07.2015
(22) 24.12.2013
(54) METHOD FOR PRODUCING INSULATED PIPES AND SHAPED PRODUCTS FOR PIPELINES
(73) Obschestvo S Ogranichennoy Otvetstvennostiyu "Smit-Yartsevo"
(72) PAVLYUK, Evgeniy Sergeevich
NARKEVICH, Sergey Leonidovich

(51) F16N 7/02
F01M 5/02
F01M 11/02
(11) EP2583018
(21) EP11725503.4
(47) 25.07.2018
(87) IB2011001062
22.12.2011
(22) 17.05.2011
(54) ENGINE STRUCTURE
(73) Nissan Motor Co., Ltd
(72) ITO, Takao
(31) 2010135888
(32) 15.06.2010
(33) Japan

(51) F17C 13/04
(11) EP2999913
(21) EP14725172.2
(47) 25.07.2018
(87) EP2014060315
27.11.2014
(22) 20.05.2014
(54) A PRESSURISED FLUID CONTAINER
(73) Linde Aktiengesellschaft
(72) MELLORS, Mark
(31) 201309080
(32) 20.05.2013
(33) United Kingdom

(51) F17C 13/04
(11) EP2999915
(21) EP14726561.5
(47) 25.07.2018
(87) EP2014060329
27.11.2014
(22) 20.05.2014
(54) A PRESSURIZSE FLUID CYLINDER WITH A LEVER
(73) Linde Aktiengesellschaft
(72) WALES, Duncan
MELLORS, Mark
(31) 201309045
(32) 20.05.2013
(33) United Kingdom

(51) F17C 13/04
(11) EP2999916
(21) EP14731315.9
(47) 25.07.2018
(87) GB2014000200
27.11.2014
(22) 20.05.2014
(54) A PRESSURISED FLUID CONTAINER
(73) Linde Aktiengesellschaft
(72) WALES, Duncan
(31) 201309046
(32) 20.05.2013
(33) United Kingdom

(51) F21K 9/00
F21K 9/68
F21K 9/69
F21V 14/00
B32B 17/10
(11) EP2135000
(21) EP08737672.9
(47) 25.07.2018
(87) IB2008051193
09.10.2008
(22) 31.03.2008
(54) LIGHT OUTPUT DEVICE
(73) Philips Lighting Holding B.V.
(72) VAN HERPEN, Maarten, M., J., W.
VAN EEUWIJK, Alexander, H., W.
NIESSEN, Eduard, M., J.
(31) 07105533
(32) 03.04.2007
(33) European Patent Office (EPO)

(51) F21S 4/00
F21V 29/00
F21V 7/00
F21W 131/405
A47F 3/00
F21Y 115/10
(11) EP2662612
(21) EP13171518.7
(47) 25.07.2018
(22) 26.12.2008
(54) Lighting device, lighting unit, and support
(73) Nichia Corporation
(72) Ozeki, Satoshi
Miyairi, Hiroshi
Ono, Masato
(31) 2007336548
2007336549
2007336550
(32) 27.12.2007
27.12.2007
27.12.2007
(33) Japan
Japan
Japan

(51) F21S 4/00
H05B 37/02
H05B 37/03
F21K 99/00
G01J 1/42
F21V 23/04
G01J 1/32
H05B 33/08
F21Y 103/00
F21K 9/27
F21Y 103/10
F21Y 115/10
(11) EP2337988
(21) EP09822423.1
(47) 25.07.2018
(87) US2009060083
29.04.2010
(22) 09.10.2009
(54) LIGHT AND LIGHT SENSOR
(73) iLumisys, Inc.
(72) IVEY, John
SIMON, David, L.
(31) 108354 P
572471
(32) 24.10.2008
02.10.2009
(33) United States of America
United States of America

(51) F21S 6/00
F21S 8/06
F21V 7/00
H05B 33/08
H05B 37/02
(11) EP2949184
(21) EP14701431.0
(47) 25.07.2018
(87) IB2014058108
31.07.2014
(22) 08.01.2014
(54) LIGHTING DEVICE AND LIGHTING SYSTEM
(73) Philips Lighting Holding B.V.
(72) VISSENBERG, Michel Cornelis Josephus Marie
VAN DER ZANDE, Bianca Maria Irma
SCHLANGEN, Lucas Josef Maria
SCHOBBEN, Daniel Willem Elisabeth
VAN DE WOUW, Inge
GEERDINCK, Leonie Maria
LANSBERGEN, Remco Adrianus Gerardus
PASVEER, Willem Franke
(31) 201361756543 P
(32) 25.01.2013
(33) United States of America

(51) F21S 8/02
G02B 3/08
F21V 7/04
G02B 19/00
F21V 5/04
F21V 17/10
F21V 23/00
F21V 29/70
F21K 9/60
F21K 9/23

F21K 9/238
F21K 9/00
F21Y 115/10
(11) EP2943822
(21) EP14716248.1
(47) 25.07.2018
(87) EP2014054405
17.07.2014
(22) 06.03.2014
(54) LENS HAVING DENSELY-DISTRIBUTED CONVEX FACETS ON ITS ENTRANCE AND EXIT SURFACES
(73) Aurora Limited
(72) JOHNSON, Andrew
WANG, Ju Tang
(31) PCT/GB2013/050541
201317750
201318343
(32) 06.03.2013
08.10.2013
16.10.2013
(33) World Intellectual Property Office (WIPO)
United Kingdom
United Kingdom

(51) F21S 19/00
G02B 6/00
F21Y 105/10
F21Y 115/10
F21V 5/04
(11) EP2973992
(21) EP13878395.6
(47) 25.07.2018
(87) US2013030726
18.09.2014
(22) 13.03.2013
(54) LIGHT-EMITTING DIODE INPUT FOR HYBRID SOLAR LIGHTING SYSTEMS
(73) OFS FITEL LLC
(72) HANSSON, Jan, I.

(51) F21V 5/00
F21V 5/04
F21V 7/00
F21V 13/04
F21V 14/04
F21V 14/06
F21Y 103/10
(11) EP3165817
(21) EP16195773.3
(47) 25.07.2018
(22) 26.10.2016
(54) LIGHTING DEVICE
(73) Zumtobel Lighting GmbH
(72) Escourrou, Thibaut
(31) 202015105858 U
(32) 04.11.2015
(33) Germany

(51) F21V 5/00
F21V 5/04
G08G 1/095
G02B 3/08
G02B 19/00
F21V 5/08
F21V 13/02
G02B 5/02
F21W 111/02
F21Y 115/10
(11) EP2331865
(21) EP09812279.9
(47) 25.07.2018
(87) US2009056029
11.03.2010
(22) 04.09.2009
(54) LED TRAFFIC SIGNAL AND OPTICAL ELEMENT THEREFOR
(73) GE Lighting Solutions, LLC
(72) DUBUC, Eden
(31) 94253 P
(32) 04.09.2008
(33) United States of America

(51) F21V 7/00
F21V 7/22
F21Y 103/00
F21V 17/00
F21S 8/00
(11) EP2587131
(21) EP13152953.9
(47) 25.07.2018
(22) 04.10.2004
(54) Linear fluorescent high-bay
(73) Cree, Inc.
(72) Haugaard, Eric, J.
Raleigh, Craig
Ruud, Alan, J.
Buchanan, Dallas, I.
(31) 679228
(32) 02.10.2003
(33) United States of America

(51) F21V 7/22
G02B 5/02
(11) EP3143325
(21) EP14727733.9
(47) 25.07.2018
(87) EP2014059802
19.11.2015
(22) 13.05.2014
(54) ILLUMINATION SYSTEM COMPRISING A CHROMATIC MIRROR
(73) CoeLux S.r.l.
(72) DI TRAPANI, Paolo

(51) F21V 8/00
F21S 8/06
F21Y 103/10
F21Y 115/10
(11) EP2829792
(21) EP13787807.0
(47) 25.07.2018
(87) KR2013003931
14.11.2013
(22) 07.05.2013
(54) LIGHTING DEVICE
(73) LG Innotek Co., Ltd.
(72) JANG, Chul Ho
(31) 20120049726
(32) 10.05.2012
(33) Korea (Republic)

(51) F21V 8/00
G02B 6/00
(11) EP2206948
(21) EP10150174.0
(47) 25.07.2018
(22) 06.01.2010
(54) High-luminance frontlight assembly and related display systems
(73) Honeywell International Inc.
(72) Larson, Brent D.
(31) 353038
(32) 13.01.2009
(33) United States of America

(51) F21V 9/08
B32B 9/04
B32B 27/36
F21S 2/00
G02F 1/13357
F21Y 101/00
F21K 2/00
H01L 33/50
H01L 31/055
C09D 183/04
(11) EP3064829
(21) EP14844756.8
(47) 25.07.2018
(87) JP2014074333
19.03.2015
(22) 12.09.2014
(54) WAVELENGTH CONVERSION SHEET AND BACKLIGHT UNIT
(73) Toppan Printing Co., Ltd.
(72) TOKINOYA Osamu
(31) 2013190236
(32) 13.09.2013
(33) Japan

(51) F21V 17/02
F21S 8/08
F21V 21/116
F21W 131/103
(11) EP2943720
(21) EP14738184.2
(47) 25.07.2018
(87) US2014011274
17.07.2014
(22) 13.01.2014
(54) LIGHT FIXTURE SUPPORT ASSEMBLY
(73) Cree, Inc.
(72) SCHULTZ, Russell Steven
MILETICH, Don
(31) 201313740880
(32) 14.01.2013
(33) United States of America

(51) F21V 17/08
F21S 4/00
F21V 15/01
F21V 19/00
F21V 21/35
G09F 13/04
H05B 37/00
F21Y 103/10
F21Y 115/10
(11) EP2914901
(21) EP13850785.0
(47) 25.07.2018
(87) CA2013050831
08.05.2014
(22) 31.10.2013
(54) LIGHTING SYSTEM
(73) Media Graph Depot Inc.
(72) SELLAM, David
(31) 201261720626 P
(32) 31.10.2012
(33) United States of America

(51) F21V 19/00
F21S 41/19
F21S 43/19
F21S 41/147
F21S 43/14

(11) EP3088798
(21) EP16167219.1
(47) 25.07.2018
(22) 27.04.2016
(54) METHOD AND DEVICE FOR ASSEMBLING A CIRCUIT SUPPORT WITH A SEMICONDUCTOR LIGHT SOURCE IN A PREDETERMINED POSITION RELATIVE TO AN OPTICAL SYSTEM OF A LIGHTING DEVICE
(73) Automotive Lighting Reutlingen GmbH
(72) FRITZ, Oliver
HEUSING, Klaus
EUCHNER, Daniel
(31) 102015207709
(32) 27.04.2015
(33) Germany

(51) F21V 23/00
F21V 29/508
F21V 29/83
F21V 29/87
F21K 9/69
F21K 9/233
F21V 5/04
F21V 17/10
F21Y 115/10
(11) EP3167224
(21) EP15721647.4
(47) 25.07.2018
(87) EP2015059410
14.01.2016
(22) 29.04.2015
(54) SEMICONDUCTOR LAMP
(73) OSRAM GmbH
(72) WENG, Thomas
RINGLER, Stefan
KLAFTA, Thomas
AUERNHAMMER, Marianne
(31) 102014213388
(32) 09.07.2014
(33) Germany

(51) F21V 29/502
F21Y 115/10
F21Y 105/14
(11) EP3211303
(21) EP17154292.1
(47) 25.07.2018
(22) 02.02.2017
(54) LED-MODULE
(73) Tridonic Jennersdorf GmbH
(72) Fink, Bernhard
Schrank, Franz
Pfeiler-Deutschmann, Martin
(31) 202016101026 U
(32) 26.02.2016
(33) Germany

(51) F23D 11/10
F23D 11/12
F23D 11/24
F23D 11/38
F23D 17/00
(11) EP3034942
(21) EP15200053.5
(47) 25.07.2018
(22) 15.12.2015
(54) BIO OIL BURNER WITH OIL NOZZLE
(73) Fortum OYJ
(72) Dernjatin, Pauli
Savolainen, Kati
Heinolainen, Antti
(31) 20146099
(32) 15.12.2014
(33) Finland

(51) F23D 11/44
F23D 17/00
(11) EP2153042
(21) EP08769699.3
(47) 25.07.2018
(87) US2008064695
04.12.2008
(22) 23.05.2008
(54) FUEL COMBUSTION
(73) Tiax LLC
(72) TARGOFF, Jason A.
(31) 931919 P
(32) 25.05.2007
(33) United States of America

(51) F23D 14/06
F23D 14/10
F23D 14/70
(11) EP2986912
(21) EP14729043.1
(47) 25.07.2018
(87) IB2014060744
23.10.2014
(22) 15.04.2014
(54) GAS STOVE OVEN BURNER, AND METHOD FOR ITS MANUFACTURE
(73) CTI S.A.
(72) OLIVOS PEREZ, Ambrosio
GALVEZ BASTIAS, Héctor
STRUBE VEGA, Luís
(31) 2013001049
(32) 16.04.2013
(33) Chile

(51) F23D 14/06
F23D 14/74
F23D 14/58
(11) EP2258981
(21) EP10179195.2
(47) 25.07.2018
(22) 05.09.2003
(54) Gas burner
(73) Electrolux Home Products Corporation N.V.
(72) Todoli, Silvano
Strada, Stefano
Starini, Marco

(51) F23D 14/28
A01M 29/12
A01M 1/20
(11) EP2313688
(21) EP09759066.5
(47) 25.07.2018
(87) US2009045292
10.12.2009
(22) 27.05.2009
(54) COMBINATION OF A LIGHT AND OF A DEVICE FOR DISPENSING A VOLATILE SUBSTANCE
(73) THERMACELL REPELLENTS, INC.
(72) WANG, Wender
SHAPIRO, Stephen
(31) 129502
(32) 29.05.2008
(33) United States of America

(51) F23D 14/78
F23D 14/22
(11) EP2846092
(21) EP14183751.8
(47) 25.07.2018
(22) 05.09.2014
(54) Burner
(73) Messer Austria GmbH
(72) Demuth, Martin
Potesser, Michael
(31) 102013014988
(32) 07.09.2013
(33) Germany

(51) F23D 17/00
F23C 1/00
F23D 1/02
F23C 7/00
(11) EP2829800
(21) EP13763457.2
(47) 25.07.2018
(87) JP2013058117
26.09.2013
(22) 21.03.2013
(54) PULVERIZED COAL/BIOMASS MIXED-COMBUSTION BURNER AND FUEL COMBUSTION METHOD
(73) Kawasaki Jukogyo Kabushiki Kaisha
(72) TANIGUCHI, Koji
KATO, Atsunori
YABARA, Suguru
TANABE, Yutaka
(31) 2012063031
(32) 21.03.2012
(33) Japan

(51) F23G 5/00
F23H 9/02
(11) EP2113718
(21) EP09290304.6
(47) 25.07.2018
(22) 24.04.2009
(54) Cylindrical combustion grate for a furnace with a cooling system
(73) Vinci Environnement
(72) Combaneyre, Bernard
(31) 0852838
(32) 28.04.2008
(33) France

(51) F23J 11/00
(11) EP2239503
(21) EP10001184.0
(47) 25.07.2018
(22) 05.02.2010
(54) Apartment ventilation
(73) Vaillant GmbH
(72) Langer, Ulrich
(31) 2102009
(32) 09.02.2009
(33) Austria

(51) F23L 1/02
F23L 9/02
F23L 13/02
F23B 60/02
F24B 5/02
F23B 90/04
(11) EP3108182
(21) EP15711847.2
(47) 25.07.2018
(87) IB2015051163

20.08.2015
(22) 17.02.2015
(54) ADJUSTING DEVICE FOR HEAT GENERATORS
(73) Gruppo Piazzetta S.r.l.
(72) PIAZZETTA, Carlo
ONISTO, Riccardo
DE MARCHI, Denis
(31) VR20140040
(32) 17.02.2014
(33) Italy

(51) F23Q 7/00
(11) EP2679904
(21) EP12749015.9
(47) 25.07.2018
(87) JP2012054057
30.08.2012
(22) 21.02.2012
(54) GLOW PLUG WITH COMBUSTION PRESSURE SENSOR
(73) NGK Spark Plug Co., Ltd.
(72) NAKAMURA Yoshihiro
MAEDA Shunsuke
MATSUI Masayoshi
(31) 2011039118
(32) 25.02.2011
(33) Japan

(51) F23R 3/02
F23R 3/44
(11) EP2375161
(21) EP11161552.2
(47) 25.07.2018
(22) 07.04.2011
(54) COMBUSTOR HAVING A FLOW SLEEVE
(73) General Electric Company
(72) Chila, Ronald James
Watts, Martin Ronald
Wu, Sheng-Yi
(31) 756329
(32) 08.04.2010
(33) United States of America

(51) F23R 3/14
F23R 3/34
F23D 11/38
F23R 3/28
F23D 11/10
(11) EP3076082
(21) EP16163366.4
(47) 25.07.2018
(22) 31.03.2016
(54) FUEL NOZZLES
(73) DELAVAN INC
(72) PROCIW, Lev Alexander
(31) 201514674580
(32) 31.03.2015
(33) United States of America

(51) F23R 3/14
F23R 3/34
F23R 3/28
F23D 11/10
(11) EP2671028
(21) EP12706638.9
(47) 25.07.2018
(87) FR2012050177
09.08.2012
(22) 27.01.2012
(54) INJECTOR FOR THE COMBUSTION CHAMBER OF A GAS TURBINE HAVING A DUAL FUEL CIRCUIT, AND COMBUSTION CHAMBER PROVIDED WITH AT LEAST ONE SUCH INJECTOR
(73) Safran Helicopter Engines
(72) CARRERE, Bernard, Joseph, Jean-Pierre
DABAT, Jean-Luc
(31) 1150807
(32) 02.02.2011
(33) France

(51) F24C 7/08
(11) EP2483601
(21) EP10760652.7
(47) 25.07.2018
(87) EP2010063746
07.04.2011
(22) 17.09.2010
(54) HOUSEHOLD APPLIANCE
(73) BSH Hausgeräte GmbH
(72) HUBER, Johann
MAKHTYUK, Roman
MARBACH, Andreas
(31) 102009045129
(32) 29.09.2009
(33) Germany

(51) F24C 15/00
F21V 33/00
F21V 7/00
F24C 7/08
(11) EP3040624
(21) EP15200178.0
(47) 25.07.2018
(22) 15.12.2015
(54) A COOKING DEVICE HAVING AN ILLUMINATION ELEMENT
(73) BSH Hausgeräte GmbH
(72) Atalay, Engin
Cetin, Tezcan
Cosar, Sevgi
(31) 201416191
(32) 30.12.2014
(33) Turkey

(51) F24C 15/10
(11) EP2771621
(21) EP12794504.6
(47) 25.07.2018
(87) IB2012055795
02.05.2013
(22) 22.10.2012
(54) SUPPORTING GRILL FOR HOUSEHOLD APPLIANCES
(73) Whirlpool EMEA S.p.A
(72) BUCCI, Dino
FERRETTI, Siro
(31) TO20110960
(32) 24.10.2011
(33) Italy

(51) F24C 15/10
H05B 3/74
H05B 6/12
(11) EP2757320
(21) EP13382019.1
(47) 25.07.2018
(22) 21.01.2013
(54) Hotplate device with multiple coatings
(73) BSH Hausgeräte GmbH
(72) Alaman Aguilar, Jorge
Escartín Barduzal, Andrés
Martín Gómez, Dámaso
Martínez Solanas, Elena
Pérez Cabeza, Pilar
Planas Layunta, Fernando
Puig Valls, Oriol
Urrutia Angos, David

(51) F24D 3/18
F24D 19/00
F25B 47/02
(11) EP2505940
(21) EP09851632.1
(47) 25.07.2018
(87) JP2009069821
03.06.2011
(22) 25.11.2009
(54) AUXILIARY HEATER CONTROL DEVICE AND HEATED FLUID USING SYSTEM AND AUXILIARY HEATER CONTROL METHOD
(73) Mitsubishi Electric Corporation
(72) USHIJIMA, Takahiro
SUZUKI, Kazutaka
MATSUZAWA, Koji
UEHARA, Nobuaki

(51) F24D 19/00
G05B 19/042
F24H 9/20
(11) EP2728266
(21) EP13189722.5
(47) 25.07.2018
(22) 22.10.2013
(54) Control apparatus for water heater
(73) Noritz Corporation
(72) Yano, Yuiko
Okamoto, Shinichi
(31) 2012240016
(32) 31.10.2012
(33) Japan

(51) F24F 1/00
F24F 13/22
F28F 17/00
F28D 1/047
(11) EP2633242
(21) EP11785751.6
(47) 25.07.2018
(87) FR2011052490
03.05.2012
(22) 26.10.2011
(54) HEAT EXCHANGE SYSTEM BETWEEN INDOOR AIR AND OUTDOOR AIR
(73) Electricité de France
(72) TEUILLIERES, Cédric
HORBER, Bernard
(31) 1058940
(32) 29.10.2010
(33) France

(51) F24H 1/20
F24H 9/18
F24D 17/00
F24D 19/00
(11) EP3141837
(21) EP16186586.0
(47) 25.07.2018
(22) 31.08.2016
(54) WATER BOILER
(73) Redring Xpelair Group Limited
(72) HOLLAND, Joseph

(31) 201515901
(32) 08.09.2015
(33) United Kingdom

(51) F24H 9/00
F28D 21/00
F24H 1/32
F28F 9/02
F28D 1/04
F28F 1/12
F28D 1/053
F28D 1/047
(11) EP3204698
(21) EP15777658.4
(47) 25.07.2018
(87) EP2015072885
14.04.2016
(22) 05.10.2015
(54) HEAT EXCHANGER
(73) Bekaert Combustion Technology B.V.
(72) TEERLING, Omke Jan
WESTERS, Raymond
BERGA, Geeske
KAUW, Marco
(31) 14188118
(32) 08.10.2014
(33) European Patent Office (EPO)

(51) F24J 2/52
(11) EP2937646
(21) EP15162580.3
(47) 25.07.2018
(22) 07.04.2015
(54) MOUNTING SYSTEM FOR AN AREA HEATING OR COOLING SYSTEM COVERED BY PLATE-SHAPED ELEMENTS
(73) Rupp, Jürgen
(72) Rupp, Jürgen
(31) 102014105384
(32) 15.04.2014
(33) Germany

(51) F24S 20/20
F28D 20/02
F03G 6/06
F03D 9/18
(11) EP2885592
(21) EP13804190.0
(47) 25.07.2018
(87) US2013045634
19.12.2013
(22) 13.06.2013
(54) THERMAL HEAT STORAGE SYSTEM
(73) Sunlight Power Inc.
Baldwin, David
(72) BALDWIN, David
(31) 201261659953 P
201313781690
(32) 14.06.2012
28.02.2013
(33) United States of America
United States of America

(51) F25B 1/00
F25B 9/00
(11) EP2230472
(21) EP08854570.2
(47) 25.07.2018
(87) JP2008071620
04.06.2009
(22) 28.11.2008
(54) Refrigeration apparatus
(73) Daikin Industries, Ltd.
(72) FUJIMOTO, Shuji
YOSHIMI, Atsushi
UENO, Yoshio
FUJIYOSHI, Ryusuke
KURIHARA, Toshiyuki
YOSHIOKA, Shun
(31) 2007311493
(32) 30.11.2007
(33) Japan

(51) F25B 5/02
(11) EP3144605
(21) EP16188720.3
(47) 25.07.2018
(22) 14.09.2016
(54) MULTI-EVAPORATION COOLING SYSTEM
(73) Whirlpool S.A.
(72) LILIE, Dietmar Erich Bernhard
MONTAGNER, Gustavo Portella
(31) 102015023711
(32) 15.09.2015
(33) Brazil

(51) F25B 13/00
F25B 39/00
F25B 30/02
F28F 1/32
F28F 1/40
(11) EP2123998
(21) EP09006739.8
(47) 25.07.2018
(22) 19.05.2009
(54) Heat pump device with a lamella tube heat exchanger as evaporator
(73) Stiebel Eltron GmbH & Co. KG
(72) Smollich, Steffen
(31) 102008024562
(32) 21.05.2008
(33) Germany

(51) F25B 27/00
F24F 5/00
(11) EP2113729
(21) EP08711642.2
(47) 25.07.2018
(87) JP2008052836
28.08.2008
(22) 20.02.2008
(54) ENGINE-DRIVEN HEAT PUMP
(73) Yanmar Co., Ltd.
(72) KANAI, Hideyuki
MURAI, Susumu
OTA, Eiji
(31) 2007041347
(32) 21.02.2007
(33) Japan

(51) F25B 31/00
F25B 31/02
F25B 49/02
(11) EP3147590
(21) EP16188785.6
(47) 25.07.2018
(22) 14.09.2016
(54) SYSTEM FOR MANAGING LUBRICANT LEVELS IN TANDEM COMPRESSOR ASSEMBLIES OF AN HVAC SYSTEM
(73) Lennox Industries Inc.
(72) MACKEY, David
HUNG, Der-Kai
HIM, Aylan
LIN, Hong
(31) 201514860274
(32) 21.09.2015
(33) United States of America

(51) F25B 43/00
F25B 39/02
F28F 9/02
F28D 21/00
(11) EP2196750
(21) EP09177060.2
(47) 25.07.2018
(22) 25.11.2009
(54) Reservoir of a heat exchanger, in particular for an air conditioner of a motor vehicle and heat exchanger, in particular evaporator for a motor vehicle air conditioner
(73) MAHLE Behr GmbH & Co. KG
(72) Ott, Franz
Seewald, Wolfgang
Walter, Christoph
Freund, Andreas
(31) 102008061762
(32) 12.12.2008
(33) Germany

(51) F25C 1/24
F25C 5/00
F25C 5/04
F25D 23/12
F25C 1/14
(11) EP3153798
(21) EP16191906.3
(47) 25.07.2018
(22) 18.04.2007
(54) ICE-MAKING DEVICE FOR REFRIGERATOR
(73) LG Electronics Inc.
(72) KIM, Myung-Soo
PARK, Yoo-Min
KWON, Oh-Chul
KIM, Jong-Gon
KOO, Bon-Young
GWAK, Young-Hoon
CHO, Hyeon-Po
(31) 20060035107
20060035110
20060035122
(32) 18.04.2006
18.04.2006
18.04.2006
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) F25C 1/24
F25C 5/00
F25C 5/04
F25D 23/12
F25D 23/04
F25C 1/14
(11) EP2775237
(21) EP14170942.8
(47) 25.07.2018
(22) 18.04.2007
(54) Refrigerator with an ice-making device for refrigerator
(73) LG Electronics Inc.
(72) Kim, Myung-Soo

Park, Yoo-Min
Kwon, Oh-Chul
Kim, Jong-Gon
Koo, Bon-Young
Gwak, Young-Hoon
Cho, Hyeon-Po
(31) 20060035107
20060035110
20060035122
(32) 18.04.2006
18.04.2006
18.04.2006
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) F25C 5/00
F25D 11/02
F25D 23/02
F25D 23/12
(11) EP3168552
(21) EP16198535.3
(47) 25.07.2018
(22) 11.11.2016
(54) REFRIGERATOR
(73) Samsung Electronics Co., Ltd.
(72) LEE, Hyun-Il
JEON, Sang Woon
YOON, Se Lim
KIM, Byeong Soo
(31) 20150159010
(32) 12.11.2015
(33) Korea (Republic)

(51) F25D 3/10
F25B 1/00
F17C 9/02
(11) EP2877794
(21) EP13742437.0
(47) 25.07.2018
(87) EP2013065788
30.01.2014
(22) 26.07.2013
(54) COOLING OF A DEWAR VESSEL WITH ICE FREE COOLANT AND FOR SHORT SAMPLE ACCESS
(73) European Molecular Biology Laboratory
(72) CIPRIANI, Florent
FELISAZ, Franck
(31) 12178272
(32) 27.07.2012
(33) European Patent Office (EPO)

(51) F25D 15/00
(11) EP2049852
(21) EP07802275.3
(47) 25.07.2018
(87) EP2007007936
27.03.2008
(22) 12.09.2007
(54) COOLING STATION
(73) BLANCO Professional GmbH + Co KG
(72) KONRAD, Claus
WIRTH, Peter
BÖSS, Ralf
(31) 102006044845
(32) 22.09.2006
(33) Germany

(51) F25D 21/04
F25D 17/06
(11) EP2833089
(21) EP13767595.5
(47) 25.07.2018
(87) CN2013073215
03.10.2013
(22) 26.03.2013
(54) REFRIGERATOR AND WORKING METHOD THEREOF
(73) Haier Group Corporation
Qingdao Haier Joint Stock Co., Ltd
Haier Asia International Co., Ltd.
(72) TAJIMA, Hiroshi
KUBOTA, Jyunichi
(31) 2012069008
(32) 26.03.2012
(33) Japan

(51) F25D 23/04
F25D 25/02
F25D 25/00
(11) EP2913609
(21) EP15154093.7
(47) 25.07.2018
(22) 06.02.2015
(54) Refrigerator
(73) LG Electronics Inc.
(72) Kim, Minsub
Choi, Kyukwan
Park, Kyusuh
(31) 20140024252
(32) 28.02.2014
(33) Korea (Republic)

(51) F25D 23/06
(11) EP2375202
(21) EP11161376.6
(47) 25.07.2018
(22) 06.04.2011
(54) Method for making a refrigerating cell and refrigerating device comprising the refrigerating cell
(73) Whirlpool EMEA S.p.A
(72) Cimarelli, Marco
(31) RN20100016
(32) 08.04.2010
(33) Italy

(51) F25D 23/12
(11) EP2196755
(21) EP09003681.5
(47) 25.07.2018
(22) 13.03.2009
(54) Refrigerator having dispenser
(73) LG Electronics Inc.
(72) Oh, Seung-Hwan
Lee, Ho-Youn
Lim, Jun-Young
(31) 20080126046
(32) 11.12.2008
(33) Korea (Republic)

(51) F25D 25/02
(11) EP2379965
(21) EP09799563.3
(47) 25.07.2018
(87) EP2009065767
24.06.2010
(22) 24.11.2009
(54) REFRIGERATOR COMPRISING AT LEAST ONE SHELF
(73) BSH Hausgeräte GmbH
(72) BAI, Yufa
HUANG, Lulu
RUPP, Alexander
TAO, Feng
ZHU, Lei
(31) 102008055038
(32) 19.12.2008
(33) Germany

(51) F25D 25/02
(11) EP2175218
(21) EP09172162.1
(47) 25.07.2018
(22) 05.10.2009
(54) Refrigerator
(73) Samsung Electronics Co., Ltd.
(72) Lim, Jae Hoon
Nam, Jeong Man
(31) 20080100013
(32) 13.10.2008
(33) Korea (Republic)

(51) F25D 29/00
F25D 11/00
(11) EP1930676
(21) EP07122408.3
(47) 25.07.2018
(22) 05.12.2007
(54) Freezer appliance
(73) Whirlpool EMEA S.p.A
(72) Fioretti, Gabriele
Grelloni, Alessio
(31) TO20060871
(32) 07.12.2006
(33) Italy

(51) F25J 3/02
F25J 3/00
(11) EP2149021
(21) EP08805790.6
(47) 25.07.2018
(87) FR2008050843
27.11.2008
(22) 16.05.2008
(54) STORAGE ENCLOSURE, METHOD AND APPARATUS FOR PRODUCING CARBON MONOXIDE AND/ OR HYDROGEN BY MEANS OF CRYOGENIC SEPARATION, INCLUDING ONE SUCH ENCLOSURE
(73) L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) BRIGLIA, Alain
DARDE, Arthur
HAIK-BERAUD, Natacha
HERNANDEZ, Antoine
TEIXEIRA, Guillaume
(31) 0755165
(32) 21.05.2007
(33) France

(51) F25J 3/04
(11) EP1447634
(21) EP04300066.0
(47) 25.07.2018
(22) 05.02.2004
(54) Process and device for the production of at least one gaseous high pressure fluid such as Oxygen, Nitrogen or Argon by cryogenic separation of air
(73) L'AIR LIQUIDE, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude

(72) Jaouani, Lasad l'Air Liquide SA
Ha, Bao l'Air Liquide SA
Balog, Ovidiu
Grenier, Maurice l'Air Liquide SA
Pontone, Xavier l'Air Liquide SA
(31) 0301722
(32) 13.02.2003
(33) France

(51) F27B 9/06
F27B 9/40
C21D 1/42
C21D 1/74
C21D 9/56
C21D 9/60
F27B 9/04
F27B 9/28
F27D 11/06
F27D 11/12
(11) EP2714946
(21) EP12737193.8
(47) 25.07.2018
(87) DE2012000566
06.12.2012
(22) 29.05.2012
(54) METHOD AND DEVICE FOR PRODUCING OXIDIZED METAL STRIPS
(73) Thermprotec GmbH
(72) GAUS, Rainer
YAMADA, Shuji
(31) 102011102659
(32) 27.05.2011
(33) Germany

(51) F27B 21/06
F27D 17/00
B03C 3/017
(11) EP3144621
(21) EP15185402.3
(47) 25.07.2018
(22) 16.09.2015
(54) DUST CONDITIONING OF SINTER BAND GASES FOR AN ELECTROSTATIC PRECIPITATOR
(73) General Electric Technology GmbH
(72) Back, Jesper Andreas Olof

(51) F28D 1/047
F28D 15/02
H05K 7/20
(11) EP3136033
(21) EP15182471.1
(47) 25.07.2018
(22) 26.08.2015
(54) ARRANGEMENT FOR COOLING A CLOSED CABINET
(73) ABB Schweiz AG
(72) Laurila, Risto
Viitanen, Tero
Agostini, Bruno

(51) F28D 9/00
F28D 21/00
(11) EP2642232
(21) EP13159434.3
(47) 25.07.2018
(22) 15.03.2013
(54) MULTIPLE OPENING COUNTER FLOW PLATE EXCHANGER AND METHOD OF MAKING
(73) Energy Wall LLC
(72) Eplee, Dustin M.
(31) 201213426565
(32) 21.03.2012
(33) United States of America

(51) F28D 20/00
B65G 5/00
F24D 17/00
E04H 1/00
(11) EP2914919
(21) EP13852022.6
(47) 25.07.2018
(87) SE2013051281
08.05.2014
(22) 01.11.2013
(54) METHOD FOR OPERATING AN ARRANGEMENT FOR STORING THERMAL ENERGY
(73) Skanska Sverige AB
(72) PILEBRO, Hans
STRAND, Tobias
(31) 1251241
(32) 01.11.2012
(33) Sweden

(51) F28F 3/02
F28F 3/04
F28F 3/08
F28F 3/10
F28D 9/00
F28F 27/02
(11) EP3026386
(21) EP15171106.6
(47) 25.07.2018
(22) 09.06.2015
(54) PLATE HEAT EXCHANGER AND METHOD OF MANUFACTURE
(73) Senior UK Limited
(72) Penny, Charles
Adrian, Ware
(31) 14172387
(32) 13.06.2014
(33) European Patent Office (EPO)

(51) F28F 9/00
(11) EP3198207
(21) EP15760456.2
(47) 25.07.2018
(87) EP2015070601
31.03.2016
(22) 09.09.2015
(54) HEAT EXCHANGER
(73) MAHLE International GmbH
(72) BRONNER, Harald
HÜBSCH, Markus
GRIESSHEIMER, Peter
RUCKWIED, Jens
(31) 102014219080
102014219209
(32) 22.09.2014
23.09.2014
(33) Germany
Germany

(51) F28F 9/00
F28D 1/04
(11) EP1939575
(21) EP07121646.9
(47) 25.07.2018
(22) 27.11.2007
(54) ARRANGEMENT OF A FIRST COMPONENT MOUNTED ONTO A SECOND COMPONENT BY MEANS OF A MOUNTING BRACKET
(73) MAHLE International GmbH
(72) Ben Hamida, Jamil
Puillandre, Youen
(31) 0625680
(32) 27.12.2006
(33) United Kingdom

(51) F28F 9/02
F24D 19/00
F28F 9/26
(11) EP3143355
(21) EP15732364.3
(47) 25.07.2018
(87) IB2015053561
19.11.2015
(22) 14.05.2015
(54) RADIATOR ELEMENT PROVIDED WITH A HOOKED CLOSING CAP AND RADIATOR THEREOF
(73) MECC-LAN S.r.l.
(72) LANCINI, Giorgio
(31) BS20140095
(32) 15.05.2014
(33) Italy

(51) F28F 9/18
B23K 9/028
B23K 9/23
F22B 37/22
(11) EP2233876
(21) EP09819112.5
(47) 25.07.2018
(87) JP2009067016
15.04.2010
(22) 30.09.2009
(54) WELDED HEADER/NOZZLE STRUCTURE
(73) Mitsubishi Heavy Industries, Ltd.
(72) KOMAI, Nobuyoshi
MIYAZAWA, Takeshi
NISHI, Fumio
TOKIYOSHI, Takumi
SAITO, Nobuhiko
IMAZATO, Toshiyuki
HOKANO, Masahiko
(31) 2008260701
(32) 07.10.2008
(33) Japan

(51) F41A 3/58
F41C 7/11
(11) EP2891862
(21) EP14198629.9
(47) 25.07.2018
(22) 17.12.2014
(54) Breakdown firearm
(73) Caesar Guerini S.r.l.
(72) Guerini, Antonio
(31) BS20140001
(32) 02.01.2014
(33) Italy

(51) F41A 19/12
F16C 17/08
F16C 25/02
(11) EP3094941
(21) EP15709404.6
(47) 25.07.2018
(87) DE2015100018
23.07.2015

(22) 13.01.2015
(54) TRIGGER SYSTEM FOR A FIREARM
(73) J.G. Anschütz GmbH & Co. KG
(72) WILCZEK, Frederik
DANGEL, Achim
(31) 102014100377
(32) 14.01.2014
(33) Germany

(51) F41A 33/06
(11) EP3074712
(21) EP13898410.9
(47) 25.07.2018
(87) SE2013051422
04.06.2015
(22) 29.11.2013
(54) ARRANGEMENT FOR RECOIL SIMULATION AND WEAPON TRAINING
(73) Saab AB
(72) JANDL, Martin
TRBOLA, Jindrich

(51) F41H 11/00
(11) EP3073221
(21) EP15290081.7
(47) 25.07.2018
(22) 23.03.2015
(54) METHOD FOR EVALUATING THE LEVEL OF THREAT
(73) THALES
(72) Labreuche, Christophe
Pouyllau, Hélia
Saveant, Pierre
Semet, Yann
Hamming, Jan-Egbert
Houtsma, Maurice

(51) F42B 3/26
F42B 3/02
F42B 3/10
F42D 1/045
F42D 3/04
(11) EP2795234
(21) EP12859085.8
(47) 25.07.2018
(87) SE2012051376
27.06.2013
(22) 12.12.2012
(54) A ROCK CRACKER ASSEMBLY, A PRIMED ROCK CRACKER CARTRIDGE, AND A NON-PRIMED ROCK CRACKER CARTRIDGE
(73) Power Tools Spräckutrustning I Herrljunga AB
(72) BENGTSSON, Jan-Åke
(31) 1100956
(32) 23.12.2011
(33) Sweden

(51) F42B 33/06
F42D 5/04
F42B 33/02
F42D 3/00
(11) EP2410285
(21) EP10758214.0
(47) 25.07.2018
(87) JP2010002069
07.10.2010
(22) 24.03.2010
(54) BLASTING METHOD AND BLASTING DEVICE
(73) Kabushiki Kaisha Kobe Seiko Sho
(72) ASAHINA, Kiyoshi
KOIDE, Kenji
GOTOU, Takashi
SHIMODA, Hideaki
KITAMURA, Ryusuke
TSUTSUI, Nakaba
(31) 2009084664
(32) 31.03.2009
(33) Japan

(51) G01B 3/10
(11) EP3165871
(21) EP16193401.3
(47) 25.07.2018
(22) 11.10.2016
(54) HORIZONTAL-REEL TAPE MEASURE
(73) Sears Brands, LLC
(72) REESE, Brian Todd
MAYER, Cody Lyle
(31) 201514880599
(32) 12.10.2015
(33) United States of America

(51) G01B 11/27
G02B 23/06
G01B 11/26
G02B 27/64
(11) EP2290430
(21) EP10173995.1
(47) 25.07.2018
(22) 25.08.2010
(54) System for measuring the variation of an optical line of sight of an optical instrument
(73) Airbus Defence and Space SAS
(72) VAILLON, Ludovic
DEYBER, Stéphane
(31) 0955864
(32) 28.08.2009
(33) France

(51) G01B 11/30
(11) EP2850386
(21) EP13725101.3
(47) 25.07.2018
(87) EP2013059855
21.11.2013
(22) 14.05.2013
(54) METHOD AND APPARATUS FOR INSPECTING THE SURFACE OF AN OBJECT
(73) ISRA Vision AG
(72) LUXEN, Marc
ERXLEBEN, Jan
(31) 102012104282
(32) 16.05.2012
(33) Germany

(51) G01B 21/06
G01B 11/04
(11) EP2166307
(21) EP07828410.6
(47) 25.07.2018
(87) JP2007068637
02.04.2009
(22) 26.09.2007
(54) APPARATUS FOR MEASURING FEED AMOUNT OF LONG OBJECT
(73) Mitsubishi Electric Corporation
(72) KUNO, Kazuo

(51) G01B 21/20
C03C 21/00
(11) EP2959264
(21) EP14714811.8
(47) 25.07.2018
(87) US2014017062
28.08.2014
(22) 19.02.2014
(54) METHODS FOR MEASURING THE ASYMMETRY OF A GLASS-SHEET MANUFACTURING PROCESS
(73) Corning Incorporated
(72) ALLAN, Douglas Clippinger
(31) 201361768822 P
(32) 25.02.2013
(33) United States of America

(51) G01C 5/00
G01C 23/00
G05D 1/06
G05D 1/08
(11) EP2286182
(21) EP09746283.2
(47) 25.07.2018
(87) IL2009000490
19.11.2009
(22) 14.05.2009
(54) TERRAIN AWARENESS WARNING SYSTEM FORWARD LOOKING PROTECTION ENVELOPE SWITCHING
(73) Elbit Systems Ltd.
(72) SEGALL, Ilana
(31) 19143808
19869109
(32) 14.05.2008
11.05.2009
(33) Israel
Israel

(51) G01C 15/00
G01C 15/06
(11) EP3080550
(21) EP14824606.9
(47) 25.07.2018
(87) US2014067798
18.06.2015
(22) 27.11.2014
(54) LASER RECEIVER USING A SMART DEVICE
(73) Trimble Inc.
(72) DAVID, Bank, Michael
(31) 201314103545
(32) 11.12.2013
(33) United States of America

(51) G01C 19/02
B63B 39/04
(11) EP2536999
(21) EP11744194.9
(47) 25.07.2018
(87) AU2011000169
25.08.2011
(22) 17.02.2011
(54) FAULT TOLERANT VESSEL STABILISER CONTROL SYSTEM
(73) Veem Ltd
(72) STEINMANN, Paul, Douglas
PEREZ, Tristan
(31) 2010900643
(32) 17.02.2010
(33) Australia

(51) G01C 19/02
B63B 39/04

G05D 1/08
(11) EP2536998
(21) EP11744193.1
(47) 25.07.2018
(87) AU2011000168
25.08.2011
(22) 17.02.2011
(54) ACTIVE ADAPTIVE GYROSTABILISER CONTROL SYSTEM
(73) Veem Ltd
(72) STEINMANN, Paul Douglas
PEREZ, Tristan
(31) 2010900643
(32) 17.02.2010
(33) Australia

(51) G01C 19/5614
(11) EP2351983
(21) EP10750534.9
(47) 25.07.2018
(87) JP2010001583
16.09.2010
(22) 08.03.2010
(54) ANGULAR VELOCITY SENSOR
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) TAKESHI, Sasaki
KEISUKE, Kuroda
(31) 2009056197
(32) 10.03.2009
(33) Japan

(51) G01C 19/72
(11) EP3051257
(21) EP14848247.4
(47) 25.07.2018
(87) CN2014075436
02.04.2015
(22) 16.04.2014
(54) ANGULAR VELOCITY DETECTION METHOD ADOPTING BI-DIRECTIONAL FULL RECIPROCAL COUPLING OPTOELECTRONIC OSCILLATOR
(73) Zhejiang University
(72) SONG, Kaichen
YU, Jinlong
YE, Lingyun
(31) 201310449584
(32) 29.09.2013
(33) China

(51) G01C 21/20
G06F 17/30
(11) EP2175238
(21) EP09251456.1
(47) 25.07.2018
(22) 01.06.2009
(54) Positioning open area maps
(73) HERE Global B.V.
(72) Mays, Joseph P
Gale, William N
Seegers, Peter A
Stroila, Matei N
(31) 179692
(32) 25.07.2008
(33) United States of America

(51) G01C 21/32
G09B 29/10
(11) EP2653833
(21) EP12002753.7
(47) 25.07.2018
(22) 19.04.2012
(54) Technique for generating from point data geometric data that continuously describe a course of a geographic object
(73) Elektrobit Automotive GmbH
(72) Grothe, Carsten
Stecher, Sandra
Labella, Thomas

(51) G01C 22/00
G01P 21/00
(11) EP2936066
(21) EP13802183.7
(47) 25.07.2018
(87) US2013071068
26.06.2014
(22) 20.11.2013
(54) SWING COMPENSATION IN STEP DETECTION
(73) Qualcomm Incorporated
(72) PODURI, Sameera
AHUJA, Disha
KULIK, Victor
PAKZAD, Payam
PALANKI, Ravi
(31) 201261745535 P
201314044775
(32) 21.12.2012
02.10.2013
(33) United States of America
United States of America

(51) G01D 4/10
H04L 29/08
G01D 4/00
G05B 13/02
H02J 3/00
(11) EP2951858
(21) EP13707117.1
(47) 25.07.2018
(87) EP2013052047
07.08.2014
(22) 01.02.2013
(54) AUTOMATIC SYSTEM FOR CONTROLLING APPLIANCES
(73) Telecom Italia S.p.A.
(72) BOREAN, Claudio
GRASSO, Ennio

(51) G01D 5/14
G01D 11/24
(11) EP2607857
(21) EP12008388.6
(47) 25.07.2018
(22) 17.12.2012
(54) Integrated magnetic field sensor and method for measuring the position of a ferromagnetic workpiece with an integrated magnetic field sensor
(73) TDK-Micronas GmbH
(72) Heberle, Klaus
(31) 102011121298
(32) 19.12.2011
(33) Germany

(51) G01D 5/20
(11) EP3067667
(21) EP15182843.1
(47) 25.07.2018
(22) 28.08.2015
(54) STROKE SENSOR SYSTEM
(73) Showa Corporation
(72) Murakami, Yosuke
(31) 2015047717
(32) 10.03.2015
(33) Japan

(51) G01D 5/347
(11) EP2300782
(21) EP09757342.2
(47) 25.07.2018
(87) EP2009053801
10.12.2009
(22) 31.03.2009
(54) POSITION MEASURING SYSTEM
(73) Dr. Johannes Heidenhain GmbH
(72) HERMANN, Michael
SÄNDIG, Karsten
(31) 102008027641
(32) 06.06.2008
(33) Germany

(51) G01D 5/347
(11) EP3141873
(21) EP16187555.4
(47) 25.07.2018
(22) 07.09.2016
(54) ENCODER
(73) Mitutoyo Corporation
(72) YAKU, Toru
(31) 2015176459
(32) 08.09.2015
(33) Japan

(51) G01D 5/347
G01D 5/244
G01B 5/00
(11) EP2549240
(21) EP12164854.7
(47) 25.07.2018
(22) 20.04.2012
(54) Length measuring device
(73) Dr. Johannes Heidenhain GmbH
(72) Kummetz, Jens, Dr.
Geyermann, Dirk
Seichter, Martin
(31) 102011079464
(32) 20.07.2011
(33) Germany

(51) G01D 5/347
G01D 5/36
G01D 5/244
(11) EP2343510
(21) EP10195608.4
(47) 25.07.2018
(22) 17.12.2010
(54) Rotary encoder
(73) Canon Kabushiki Kaisha
(72) Nagura, Chihiro
(31) 2009291688
(32) 24.12.2009
(33) Japan

(51) G01D 11/24
(11) EP3084354
(21) EP14783596.1
(47) 25.07.2018
(87) EP2014071587
25.06.2015
(22) 08.10.2014
(54) MECHANICALLY OVERSIZED ASSEMBLY FOR ROTATIONAL SPEED SENSOR

(73) Continental Teves AG & Co. oHG
(72) GOLL, Manfred
SCHRADER, Ulrich
(31) 102013226045
(32) 16.12.2013
(33) Germany

(51) G01D 11/24
G01R 1/067
(11) EP2567197
(21) EP11730121.8
(47) 25.07.2018
(87) US2011032943
10.11.2011
(22) 19.04.2011
(54) REPLACEABLE PROBE HEAD
(73) YSI Incorporated
(72) PALASSIS, Christopher, J.
JAMES, Michael, T.
(31) 774081
(32) 05.05.2010
(33) United States of America

(51) G01D 21/00
G01D 11/24
G01N 33/22
G01N 33/00
G01V 5/00
(11) EP2965046
(21) EP14760399.7
(47) 25.07.2018
(87) US2014019444
12.09.2014
(22) 28.02.2014
(54) WIRE SEAL FOR A DETECTOR ASSEMBLY
(73) Scott Technologies, Inc.
(72) LANDIS, Jeffrey, Lynn
(31) 201361772223 P
(32) 04.03.2013
(33) United States of America

(51) G01D 21/02
G01P 15/08
G01P 13/00
G01L 9/06
G01L 7/08
(11) EP3052901
(21) EP14851277.5
(47) 25.07.2018
(87) US2014058765
09.04.2015
(22) 02.10.2014
(54) INERTIAL AND PRESSURE SENSORS ON SINGLE CHIP
(73) Robert Bosch GmbH
(72) FEYH, Ando
O'BRIEN, Gary
(31) 201361886124 P
(32) 03.10.2013
(33) United States of America

(51) G01F 1/06
A47J 31/44
G01F 1/075
G01F 15/14
G01F 15/18
(11) EP2507597
(21) EP10782306.4
(47) 25.07.2018
(87) EP2010068272
09.06.2011
(22) 26.11.2010
(54) FLOWMETER ASSEMBLY FOR A BEVERAGE MACHINE
(73) Nestec S.A.
(72) ETTER, Stefan
ZIEGLER, Martin
(31) 09177590
(32) 01.12.2009
(33) European Patent Office (EPO)

(51) G01F 1/66
G10K 11/00
(11) EP3246668
(21) EP16170299.8
(47) 25.07.2018
(22) 19.05.2016
(54) MEASURING DEVICE AND METHOD FOR DETERMINING THE FLOW RATE OF A FLUID FLOWING WITHIN A PIPE
(73) SICK Engineering GmbH
(72) STARKE, Dr. Eric
HERRMANN, Dr. Volker
SCHULZ, Dr. Christian

(51) G01F 1/684
G01F 1/68
B29C 65/16
B29C 65/48
B29C 65/82
B29C 65/00
(11) EP2990769
(21) EP14787725.2
(47) 25.07.2018
(87) JP2014052833
30.10.2014
(22) 07.02.2014
(54) FLOW SENSOR AND METHOD FOR PRODUCING A FLOW SENSOR AS WELL AS USE OF A FLOW SENSOR
(73) Hitachi Automotive Systems, Ltd.
(72) ARAI, Satoshi
TSUNODA, Shigeharu
TASHIRO, Shinobu
UENODAN, Akira
IGARASHI, Shinya
(31) 2013093566
(32) 26.04.2013
(33) Japan

(51) G01F 15/02
G01K 17/10
G01K 15/00
G01F 15/06
(11) EP3098575
(21) EP16171144.5
(47) 25.07.2018
(22) 24.05.2016
(54) HOT WATER METER AND MEASURING METHOD THEREOF
(73) Korea Institute of Energy Research
Korea District Heating Corporation
(72) LEE, Jae Yong
IM, Yong Hoon
(31) 20150072954
(32) 26.05.2015
(33) Korea (Republic)

(51) G01F 25/00
G01F 23/284
(11) EP2274584
(21) EP09747149.4
(47) 25.07.2018
(87) US2009042043
19.11.2009
(22) 29.04.2009
(54) METHOD AND APPARATUS FOR REAL-TIME CALIBRATION OF A LIQUID STORAGE TANK LEVEL GAUGE
(73) Honeywell International Inc.
(72) SAI, Bin
(31) 119957
(32) 13.05.2008
(33) United States of America

(51) G01H 1/00
(11) EP1613932
(21) EP04726554.1
(47) 25.07.2018
(87) GB2004001575
21.10.2004
(22) 08.04.2004
(54) METHOD AND SYSTEM FOR ANALYSING TACHOMETER AND VIBRATION DATA FROM AN APPARATUS HAVING ONE OR MORE ROTARY COMPONENTS
(73) Rolls-Royce PLC
(72) KING, Dennis
ASTLEY, Ken
TARASSENKO, Lionel
ANUZIS, Paul
HAYTON, Paul
KING, Stephen
(31) 0308467
(32) 11.04.2003
(33) United Kingdom

(51) G01H 1/00
A01J 5/007
B06B 3/00
G10K 11/00
(11) EP2156734
(21) EP09075498.7
(47) 25.07.2018
(22) 29.04.1999
(54) A piezo-sensor for a milking implement
(73) Maasland N.V.
(72) Van den Berg, Karel
Oort, Dick Marius
(31) 1009052
1010369
(32) 01.05.1998
21.10.1998
(33) Netherlands
Netherlands

(51) G01J 5/00
G01J 5/08
G01J 5/04
G01J 5/02
G02B 6/44
B65H 49/00
B65H 75/00
(11) EP3051262
(21) EP15152833.8
(47) 25.07.2018
(22) 28.01.2015
(54) Feeding device for an optical fiber for measuring the temperature of a melt
(73) Heraeus Electro-Nite International N.V.
(72) Neyens, Guido
Thys, Michel
Stevens, Frank

(51) G01J 5/04
B22D 2/00
(11) EP2678649
(21) EP12704365.1
(47) 25.07.2018
(87) EP2012000303
30.08.2012
(22) 24.01.2012
(54) SENSOR ARRANGEMENT FOR MEASURING PARAMETERS IN MELTS
(73) Heraeus Elektro-Nite International N.V.
(72) CUYPERS, Jan
INDEHERBERGE, Valère
(31) 102011012175
(32) 23.02.2011
(33) Germany

(51) G01J 5/28
G01J 5/02
G01K 13/00
C21C 7/10
F27D 21/00
(11) EP3074741
(21) EP14866094.7
(47) 25.07.2018
(87) KR2014011308
04.06.2015
(22) 24.11.2014
(54) CONTINUOUS TEMPERATURE MEASURING DEVICE AND RH APPARATUS INCLUDING THE SAME
(73) Heraeus Elektro-Nite International N.V.
Woojin Electro-Nite Inc.
(72) YOU, Jong-An
PARK, Kwang-Sun
KIM, Yeong-In
(31) 20130145610
(32) 27.11.2013
(33) Korea (Republic)

(51) G01K 1/08
(11) EP2406603
(21) EP10709380.9
(47) 25.07.2018
(87) DK2010000029
16.09.2010
(22) 11.03.2010
(54) Method for making a temperature sensor unit
(73) Danfoss A/S
(72) PEDERSEN, Svend, Peder
DYHR, Jan
(31) 200900356
(32) 13.03.2009
(33) Denmark

(51) G01K 11/20
(11) EP2981795
(21) EP14778267.6
(47) 25.07.2018
(87) US2014032511
09.10.2014
(22) 01.04.2014
(54) NANOMETER SCALE QUANTUM THERMOMETER
(73) President and Fellows of Harvard College
(72) MAURER, Peter Christian
NOH, Hyun Ji
KUCSKO, Georg
LUKIN, Mikhail D.
PARK, Hongkun
KUBO, Minako
(31) 201361807677 P
201361870916 P
(32) 02.04.2013
28.08.2013
(33) United States of America
United States of America

(51) G01K 13/02
(11) EP2866011
(21) EP14189846.0
(47) 25.07.2018
(22) 22.10.2014
(54) Temperature sensors
(73) ROSEMOUNT AEROSPACE INC.
(72) Gmach, Matthew J T
Sable, Robert E
Otto, John T
Wigen, Scott
(31) 201361894285 P
201414191800
(32) 22.10.2013
27.02.2014
(33) United States of America
United States of America

(51) G01K 13/02
(11) EP3139143
(21) EP16186169.5
(47) 25.07.2018
(22) 29.08.2016
(54) SYSTEM AND METHOD TO DETERMINE TOTAL AIR TEMPERATURE FROM TURBOFAN BYPASS FLOW TEMPERATURE
(73) Honeywell International Inc.
(72) CHAPMAN, Gregory J.
(31) 201514844326
(32) 03.09.2015
(33) United States of America

(51) G01K 13/02
G01K 1/02
F02C 9/28
F02C 9/16
F01D 17/08
F01D 21/00
F01D 21/12
G01M 15/14
(11) EP2660575
(21) EP13161387.9
(47) 25.07.2018
(22) 27.03.2013
(54) Apparatus for fluid temperature measurement and method for identiying the location of an anomaly
(73) Rolls-Royce PLC
(72) Bellis, Mark
Thornton, Paul
(31) 201205971
(32) 03.04.2012
(33) United Kingdom

(51) G01K 17/10
(11) EP2327971
(21) EP10008753.5
(47) 25.07.2018
(22) 23.08.2010
(54) Method for analysing the heat volume distribution in a heating system and device for executing the method
(73) METRONA WÄRMEMESSER UNION GMBH
(72) Schröder, Franz
Navarro, Hendrikus Antonius
(31) 102009055670
(32) 25.11.2009
(33) Germany

(51) G01L 1/14
G06F 3/044
H03K 17/96
(11) EP2770314
(21) EP14156441.9
(47) 25.07.2018
(22) 24.02.2014
(54) Dual channel, multilayer tactile sensor
(73) Haake Technik GmbH
(72) Schoppen, Jens
(31) 102013101835
(32) 25.02.2013
(33) Germany

(51) G01L 1/24
G01L 5/16
G01L 5/20
G01M 17/10
(11) EP2246681
(21) EP10002456.1
(47) 25.07.2018
(22) 09.03.2010
(54) Device for measuring forces generated between a wheel and a rail, in particular measuring wheel assembly for rail vehicles
(73) Deutsche Bahn AG
(72) Brodtka, Andreas
Schwabe, Olaf
Göber, Steffen
(31) 102009018927
(32) 28.04.2009
(33) Germany

(51) G01L 5/00
G01L 1/22
(11) EP2238420
(21) EP08851902.0
(47) 25.07.2018
(87) EP2008009936
28.05.2009
(22) 24.11.2008
(54) STRAIN GAUGE ROSETTE FOR INTERNAL STRESS MEASUREMENT
(73) Hottinger Baldwin Messtechnik GmbH
(72) KLEIN, Sebastian
KLECKERS, Thomas
(31) 102007056443
(32) 23.11.2007
(33) Germany

(51) G01L 9/00
(11) EP2388566
(21) EP11165154.3
(47) 25.07.2018
(22) 06.05.2011
(54) Modular pressure sensor
(73) Honeywell International Inc.
(72) Brown, Gregory C.
Larson, Thomas A.
Rahn, Curtis
(31) 782325
(32) 18.05.2010
(33) United States of America

(51) G01L 9/00
H01L 23/522

H01L 23/552
(11) EP2910918
(21) EP13847081.0
(47) 25.07.2018
(87) JP2013006124
24.04.2014
(22) 15.10.2013
(54) PRESSURE SENSOR AND SENSOR UNIT PROVIDED WITH THE SAME
(73) Fuji Electric Co., Ltd.
Kabushiki Kaisha Saginomiya Seisakusho
(72) ISHIKAWA, Takuro
KANAI, Yuji
MATSUNAMI, Kazuhiro
(31) 2012230043
(32) 17.10.2012
(33) Japan

(51) G01L 27/00
G01K 19/00
H04B 10/079
G01L 19/08
G01L 19/14
H04B 10/69
(11) EP3139146
(21) EP16186888.0
(47) 25.07.2018
(22) 01.09.2016
(54) PHYSICAL QUANTITY MEASURING DEVICE
(73) Nagano Keiki Co., Ltd.
(72) ITE, Takayuki
SUZUKI, Yasuyuki
SUZUKI, Toshinori
MURAMATSU, Hideki
(31) 2015172563
(32) 02.09.2015
(33) Japan

(51) G01M 3/22
(11) EP3060897
(21) EP14856648.2
(47) 25.07.2018
(87) US2014060238
30.04.2015
(22) 13.10.2014
(54) COMBINATION SMOKE MACHINE AND NITROGEN GENERATOR
(73) CPS Products, Inc.
(72) MCCOLLOM, Gregory M.
(31) 201314063243
(32) 25.10.2013
(33) United States of America

(51) G01N 1/30
C12Q 1/00
G01N 1/28
G01N 21/64
G02B 21/34
G01N 33/50
(11) EP2950077
(21) EP13872734.2
(47) 25.07.2018
(87) JP2013006811
31.07.2014
(22) 20.11.2013
(54) METHOD FOR RENDERING TISSUE TRANSPARENT, REAGENT FOR RENDERING TISSUE TRANSPARENT, AND TISSUE OBSERVATION METHOD
(73) Japan Science and Technology Agency
(72) ONODERA, Hiroshi
(31) 2013012889
PCT/JP2013/004369
(32) 28.01.2013
17.07.2013
(33) Japan
World Intellectual Property Office (WIPO)

(51) G01N 1/31
G01N 1/44
(11) EP2467695
(21) EP10744886.2
(47) 25.07.2018
(87) EP2010004892
24.02.2011
(22) 11.08.2010
(54) APPARATUS AND METHOD FOR ACCELERATED TISSUE INFILTRATION BY MEANS OF MICROWAVE EXCITATION
(73) Leica Biosystems Nussloch GmbH
(72) SANDERS, Mark
ULBRICH, Hermann
(31) 543226
(32) 18.08.2009
(33) United States of America

(51) G01N 1/40
G01N 33/493
G01N 1/34
G01N 33/84
(11) EP2913668
(21) EP15157139.5
(47) 25.07.2018
(22) 02.03.2015
(54) Method for recovering metal and method for analyzing metal
(73) ARKRAY, Inc.
(72) Yamada, Hirofumi
Kudo, Akitsugu
(31) 2014039593
2015036116
(32) 28.02.2014
26.02.2015
(33) Japan
Japan

(51) G01N 15/06
G01N 27/04
F01N 9/00
F01N 11/00
(11) EP1949072
(21) EP06807427.7
(47) 25.07.2018
(87) EP2006067608
18.05.2007
(22) 20.10.2006
(54) SENSOR ELEMENT FOR GAS SENSORS AND METHOD FOR OPERATING SAID SENSOR ELEMENT
(73) ROBERT BOSCH GMBH
(72) HEIMANN, Detlef
GUENSCHEL, Harald
DORFMUELLER, Lutz
SCHMIDT, Ralf
SIEBERT, Markus
DIEHL, Lothar
RUTH, Juergen
ROESCH, Sabine
RODEWALD, Stefan
OCHS, Thorsten
SINDEL, Juergen
MARX, Helmut
SCHAAK, Andreas
SCHITTENHELM, Henrik
RUNGE, Henrico
(31) 102005053120
(32) 08.11.2005
(33) Germany

(51) G01N 15/14
C12M 1/22
C12M 1/34
(11) EP2998724
(21) EP15192808.2
(47) 25.07.2018
(22) 21.11.2003
(54) BIOLOGICAL GROWTH PLATE SCANNER
(73) 3M Innovative Properties Company
(72) Graessle, Josef A.
Schenk, Stephen B.
Lea, Mr. Michael C.
(31) 305722
306663
(32) 27.11.2002
27.11.2002
(33) United States of America
United States of America

(51) G01N 15/14
G01N 33/493
(11) EP1857804
(21) EP07009621.9
(47) 25.07.2018
(22) 14.05.2007
(54) Apparatus for analyzing particles in urine and method thereof
(73) SYSMEX CORPORATION
(72) TANAKA, Yousuke
INOUE, Junya
OZASA, Masatsugu
KAWASHIMA, Yasuyuki
(31) 2006137511
(32) 17.05.2006
(33) Japan

(51) G01N 21/01
G01N 21/27
G01N 21/3504
G01N 21/90
(11) EP2703802
(21) EP12776432.2
(47) 25.07.2018
(87) JP2012060101
01.11.2012
(22) 13.04.2012
(54) LIQUID FILLER COMPRISING A NON-DESTRUCTIVE INSPECTION DEVICE FOR OXYGEN CONCENTRATION IN BAG-SHAPED CONTAINER
(73) Hitachi Zosen Corporation
(72) YOKOBAYASHI, Takayasu
HORIMOTO, Yoshinari
(31) 2011100289
(32) 28.04.2011
(33) Japan

(51) G01N 21/03
B01L 3/00
(11) EP3184989
(21) EP16205304.5
(47) 25.07.2018

(22) 20.12.2016
(54) CUVETTE
(73) Analytik Jena AG
(72) MOORE, Thomas
KNIPPSCHILD, Claus
HENTSCHEL, Martin
(31) 102015122719
(32) 23.12.2015
(33) Germany

(51) G01N 21/35
G01N 21/55
G01N 31/16
G01N 33/28
(11) EP2131181
(21) EP09251464.5
(47) 25.07.2018
(22) 02.06.2009
(54) Method for the determination of the total acid number and naphthenic acid number of petroleum, petroleum cuts and petroleum emulsions of water-in-oil type by mid-infrared spectroscopy
(73) Petróleo Brasileiro S.A. Petrobras
(72) Da Silva, Monica Teixeira
De Andrade, Gecilaine Henriques
Calicchio Lopes, Maria Isabel
Silva Braga, Claudia Maria
(31) PI0801639
(32) 03.06.2008
(33) Brazil

(51) G01N 21/3504
G01J 3/28
G01M 3/38
G01N 21/31
G06K 9/00
(11) EP3158320
(21) EP15729676.5
(47) 25.07.2018
(87) US2015033580
30.12.2015
(22) 01.06.2015
(54) METHODS AND SYSTEMS FOR DETECTING A CHEMICAL SPECIES
(73) ExxonMobil Upstream Research Company
(72) ZENG, Yousheng
MORRIS, Jonathan M.
ABDELMOATI, Hazem M.
(31) 201462015920 P
(32) 23.06.2014
(33) United States of America

(51) G01N 21/51
G01N 21/15
G01N 21/47
G01N 21/94
(11) EP3052921
(21) EP13770909.3
(47) 25.07.2018
(87) EP2013070353
02.04.2015
(22) 30.09.2013
(54) NEPHELOMETRIC TURBIDIMETER AND METHOD FOR DETECTION OF THE CONTAMINATION OF A SAMPLE CUVETTE OF A NEPHELOMETRIC TURBIDIMETER
(73) Hach Lange GmbH
(72) BATTEFELD, Manfred
KUSSMANN, Michael
DE HEIJ, Bas
GAßNER, Bernd
STEINHAUER, Frank
KUMPCH, Hans-Joachim
LEYER, Axel
KÜPPERS, Michael
GOLITZ, Andreas
MITREITER, Andreas
HANSCHKE, Clemens
HEIDEMANNS, Lothar

(51) G01N 21/552
G01N 21/25
G01N 21/07
B01L 3/00
G01N 33/543
G01N 35/00
(11) EP2534469
(21) EP10805663.1
(47) 25.07.2018
(87) PT2010000055
30.06.2011
(22) 07.12.2010
(54) SURFACE PLASMON RESONANCE DETECTION SYSTEM
(73) Biosurfit, S.A.
(72) GARCIA DA FONSECA, João
DIAS PEDRO NICOLAU MANSO, João
MONTEIRO GOMES, Pedro Miguel
PINTO BORDEIRA, Sandro Miguel
SANTOS MANSO CÔRTE-REAL, José Pedro
(31) 0922440
(32) 22.12.2009
(33) United Kingdom

(51) G01N 21/95
G01B 11/25
G01N 21/88
(11) EP2388574
(21) EP11166859.6
(47) 25.07.2018
(22) 20.05.2011
(54) Appearance inspection apparatus
(73) Daiichi Jitsugyo Viswill Co., Ltd.
(72) Matsuda, Shinya
Aoki, Hiroshi
Onoe, Toshiaki
(31) 2010116044
(32) 20.05.2010
(33) Japan

(51) G01N 23/04
G01V 5/00
(11) EP1283417
(21) EP01123419.2
(47) 25.07.2018
(22) 28.09.2001
(54) Method and apparatus for inspecting an object, especially luggage
(73) Smiths Heimann GmbH
(72) Aust, Stefan
Meder, Claus
Koch, Cornelius
(31) 10139672
(32) 11.08.2001
(33) Germany

(51) G01N 23/046
H05G 1/02
H01J 35/14
(11) EP2765408
(21) EP12838048.2
(47) 25.07.2018
(87) JP2012075612
11.04.2013
(22) 03.10.2012
(54) X-RAY DEVICE, X-RAY IRRADIATION METHOD, AND MANUFACTURING METHOD FOR STRUCTURE
(73) Nikon Corporation
(72) WATANABE, Takashi
(31) 2011220259
(32) 04.10.2011
(33) Japan

(51) G01N 23/087
(11) EP3106864
(21) EP16174221.8
(47) 25.07.2018
(22) 13.06.2016
(54) CHARACTERISATION OF A SAMPLE BY REPRESENTATION IN A BASIS OF MATERIALS
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) BRAMBILLA, Andréa
GORECKI, Alexia
POTOP, Alexandra
(31) 1555438
(32) 15.06.2015
(33) France

(51) G01N 25/72
G01R 31/26
G01N 21/66
(11) EP2883042
(21) EP13747402.9
(47) 25.07.2018
(87) EP2013066701
13.02.2014
(22) 09.08.2013
(54) METHOD AND DEVICE FOR INSPECTING PHOTOVOLTAIC MODULES
(73) SOLARZENTRUM STUTTGART GMBH
(72) STOICESCU, Liviu-Mihai
REUTER, Michael
WERNER, Juergen H.
(31) 102012107316
(32) 09.08.2012
(33) Germany

(51) G01N 27/02
G01N 27/12
G01N 27/22
(11) EP2115442
(21) EP08700413.1
(47) 25.07.2018
(87) AU2008000117
07.08.2008
(22) 01.02.2008
(54) METHOD OF MEASURING AN ORGANIC ANALYTE IN AN AQUEOUS ELECTROLYTE USING A CHEMIRESISTOR
(73) Commonwealth Scientific and Industrial Research Organisation
(72) RAGUSE, Burkhard
CHOW, Edith
(31) 2007900501 P
(32) 02.02.2007
(33) Australia

(51) G01N 27/12
G01N 27/28
(11) EP3105571
(21) EP15707890.8
(47) 25.07.2018
(87) EP2015052891
20.08.2015
(22) 11.02.2015
(54) METHOD AND SENSOR SYSTEM FOR MEASURING GAS CONCENTRATIONS
(73) ams Sensors Germany GmbH
(72) GRAUNKE, Thorsten
(31) 102014101657
(32) 11.02.2014
(33) Germany

(51) G01N 27/30
(11) EP2356437
(21) EP09771761.5
(47) 25.07.2018
(87) GB2009051619
03.06.2010
(22) 30.11.2009
(54) ELECTRODE ASSEMBLY
(73) Nanoflex Limited
The University Court Of The University of Edinburgh
(72) FREEMAN, Neville John
MOUNT, Andrew Raymond
WALTON, Anthony John
TERRY, Jonathan Gordon
(31) 0821810
(32) 28.11.2008
(33) United Kingdom

(51) G01N 27/406
(11) EP3092480
(21) EP14806270.6
(47) 25.07.2018
(87) EP2014076359
16.07.2015
(22) 03.12.2014
(54) METHOD AND DEVICE FOR DIAGNOSING THE MEASURING ABILITY OF AN EXHAUST GAS PROBE
(73) Robert Bosch GmbH
(72) REINHARDT, Goetz
BUCHHOLZ, Martin
(31) 102014200068
(32) 07.01.2014
(33) Germany

(51) G01N 27/406
G01N 27/417
(11) EP3092481
(21) EP14809793.4
(47) 25.07.2018
(87) EP2014076380
16.07.2015
(22) 03.12.2014
(54) METHOD AND DEVICE FOR MONITORING THE CAPABILITY OF AN EXHAUST GAS PROBE TO MEASURE A FUEL RICH MIXTURE
(73) Robert Bosch GmbH
(72) REINHARDT, Goetz
BUCHHOLZ, Martin
(31) 102014200063
(32) 07.01.2014
(33) Germany

(51) G01N 27/414
(11) EP2857832
(21) EP14003405.9
(47) 25.07.2018
(22) 02.10.2014
(54) Layer system
(73) TDK-Micronas GmbH
(72) Wilbertz, Christoph
Zimmermann, Dominik
(31) 102013016330
(32) 05.10.2013
(33) Germany

(51) G01N 27/416
G01N 27/26
G01N 27/333
(11) EP2511699
(21) EP10835650.2
(47) 25.07.2018
(87) JP2010006576
16.06.2011
(22) 10.11.2010
(54) A MANAGAEMENT SYSTEM FOR AN ELECTROLYTE ANALYZER
(73) Hitachi High-Technologies Corporation
(72) LI, Qing
MIMURA, Tomonori
FUKUZONO, Shinichi
(31) 2009278106
(32) 08.12.2009
(33) Japan

(51) G01N 27/416
H01M 10/60
H01M 10/42
H01M 6/50
H01M 10/48
H01M 10/63
(11) EP1924849
(21) EP06851120.3
(47) 25.07.2018
(87) US2006030137
18.10.2007
(22) 03.08.2006
(54) ELECTROCHEMICAL THERMODYNAMIC MEASUREMENT SYSTEM
(73) California Institute of Technology
Centre National de la Recherche Scientifique
(72) REYNIER, Yvan
YAZAMI, Rachid
FULTZ, Brent T.
(31) 705535 P
(32) 03.08.2005
(33) United States of America

(51) G01N 27/90
G01N 15/10
(11) EP2253953
(21) EP10163470.7
(47) 25.07.2018
(22) 20.05.2010
(54) Device and method for inductive measurements - self test
(73) PRÜFTECHNIK Dieter Busch AG
(72) Hoelzl, Roland
(31) 102009022136
(32) 20.05.2009
(33) Germany

(51) G01N 27/90
G01R 33/09
(11) EP2986979
(21) EP14723960.2
(47) 25.07.2018
(87) US2014034479
23.10.2014
(22) 17.04.2014
(54) EDDY CURRENT INSPECTION PROBE BASED ON MAGNETORESISTIVE SENSORS
(73) Zetec, Inc.
(72) MICHEAU-CUNNINGHAM, Jevne Branden
GUEBLE, Jeffrey Raymond
ZIEGENHAGEN, William Frederick
TIMM, Stephen
TARANGO, Paubla Mejia
(31) 201361813899 P
(32) 19.04.2013
(33) United States of America

(51) G01N 29/265
G01N 27/90
(11) EP1798550
(21) EP06025795.3
(47) 25.07.2018
(22) 13.12.2006
(54) DEVICE FOR INSPECTING THE INTERIOR OF A MATERIAL
(73) Lothgenoten B.V.
(72) Loth, Karel Auguste
(31) 1030660
(32) 13.12.2005
(33) Netherlands

(51) G01N 30/86
G01N 30/88
G01N 33/92
(11) EP1825251
(21) EP05811455.4
(47) 25.07.2018
(87) JP2005022048
01.06.2006
(22) 24.11.2005
(54) METHOD FOR ANALYZING LIPOPROTEINS
(73) Okazaki, Mitsuyo
(72) Okazaki, Mitsuyo
(31) 630216 P
PCT/JP2005/006829
(32) 24.11.2004
31.03.2005
(33) United States of America
World Intellectual Property Office (WIPO)

(51) G01N 33/00
(11) EP2906943
(21) EP13846137.1
(47) 25.07.2018
(87) US2013063939
17.04.2014
(22) 08.10.2013
(54) MONITORING TEMPERATURE WITH FLUORESCENCE
(73) University of Utah Research Foundation
(72) SANFORD, Lindsay, N.
WITTWER, Carl, T.
(31) 201261711631 P
(32) 09.10.2012
(33) United States of America

(51) G01N 33/00
G01N 33/28
G01N 21/77
(11) EP3183570

(21) EP15750747.6
(47) 25.07.2018
(87) EP2015068826
25.02.2016
(22) 17.08.2015
(54) HYDROGEN SENSOR HAVING A PROTECTION LAYER
(73) ABB Schweiz AG
(72) PANELLA, Barbara
VAN MECHELEN, Jacobus Lodevicus Martinus
WESTERWAAL, Ruud Johannes
DAM, Bernhard
(31) 14181426
(32) 19.08.2014
(33) European Patent Office (EPO)

(51) G01N 33/50
(11) EP2994754
(21) EP14729563.8
(47) 25.07.2018
(87) US2014037648
13.11.2014
(22) 12.05.2014
(54) COMPOSITIONS AND METHODS FOR SIMULTANEOUS DETECTION OF HCV ANTIGEN/ANTIBODY
(73) The United States of America, as represented by The Secretary, Department of Health and Human Services
(72) KHUDYAKOV, Yury, E.
OBRIADINA, Anna
(31) 201361821953 P
(32) 10.05.2013
(33) United States of America

(51) G01N 33/50
C12N 5/073
G01N 33/68
(11) EP3170001
(21) EP15762723.3
(47) 25.07.2018
(87) IB2015055493
21.01.2016
(22) 20.07.2015
(54) VIABILITY ASSESSMENT OF IN VITRO CULTURED EMBRYOS FROM THE CULTURE MEDIUM
(73) Pécsi Tudományegyetem
(72) MONTSKÓ, Gergely
KOVÁCS, Gábor
BÓDIS, József
(31) 14462005
P1400355
201462026145 P
(32) 18.07.2014
18.07.2014
18.07.2014
(33) European Patent Office (EPO)
Hungary
United States of America

(51) G01N 33/50
G01N 33/92
G01N 33/68
(11) EP2856170
(21) EP13729199.3
(47) 25.07.2018
(87) US2013044008
12.12.2013
(22) 04.06.2013
(54) METHODS FOR DIAGNOSING CHRONIC VALVULAR DISEASE
(73) Nestec S.A.
(72) LI, Qinghong
LAFLAMME, Dorothy, P.
HANNAH, Steven, S.
(31) 201261655704 P
(32) 05.06.2012
(33) United States of America

(51) G01N 33/53
(11) EP2422199
(21) EP10767527.4
(47) 25.07.2018
(87) US2010030836
28.10.2010
(22) 13.04.2010
(54) MONOMERIC AND DIMERIC FORMS OF ADIPONECTIN RECEPTOR FRAGMENTS AND METHODS OF USE
(73) Siemens Healthcare Diagnostics Inc.
(72) PUGIA, Michael, J.
MA, Rui
(31) 171979 P
(32) 23.04.2009
(33) United States of America

(51) G01N 33/543
B01J 20/285
C08J 7/18
C09D 179/00
(11) EP2901158
(21) EP13771724.5
(47) 25.07.2018
(87) US2013061111
03.04.2014
(22) 23.09.2013
(54) LIGAND GRAFTED SUBSTRATES
(73) 3M Innovative Properties Company
(72) RASMUSSEN, Jerald K.
BOTHOF, Catherine A.
(31) 201261706288 P
(32) 27.09.2012
(33) United States of America

(51) G01N 33/543
B01L 3/00
(11) EP3088892
(21) EP16174438.8
(47) 25.07.2018
(22) 18.01.2013
(54) ASSAY DEVICE HAVING UNIFORM FLOW AROUND CORNERS
(73) Ortho-Clinical Diagnostics, Inc.
(72) KANALEY, James D.
DING, Zhong
HOSIMER, Philip C.
SCALICE, Edward R.
DANIELSON, Susan
TOMASSO, David A.
WARREN, Timothy C.
(31) 201261588745 P
(32) 20.01.2012
(33) United States of America

(51) G01N 33/543
G01N 33/569
(11) EP2863223
(21) EP12878885.8
(47) 25.07.2018
(87) JP2012065150
19.12.2013
(22) 13.06.2012
(54) METHOD FOR DETECTING SPECIFIC SUBSTANCES IN MILK
(73) Asahi Kasei Kabushiki Kaisha
(72) MAEHANA Koji
MATSUYAMA Kenji

(51) G01N 33/545
(11) EP2614372
(21) EP11823155.4
(47) 25.07.2018
(87) IL2011000711
15.03.2012
(22) 07.09.2011
(54) KIT FOR MONITORING, DETECTING AND STAGING GVHD
(73) Marx, Stephen G.
(72) Marx, Stephen G.
(31) 201161433540 P
380337 P
(32) 18.01.2011
07.09.2010
(33) United States of America
United States of America

(51) G01N 33/558
G01N 33/532
G01N 33/543
(11) EP2857837
(21) EP13798097.5
(47) 25.07.2018
(87) KR2013004843
05.12.2013
(22) 31.05.2013
(54) FREEZE-DRIED CONJUGATE AND KIT FOR IMMUNOCHROMATOGRAPHIC POINT-OF-CARE TESTING AND A METHOD USING THE KIT
(73) SD Biosensor Inc.
(72) CHOI, Hyoung Gil
HONG, Sung Yub
HWANG, Hee Young
LEE, Hyo Keun
(31) 20120058708
(32) 31.05.2012
(33) Korea (Republic)

(51) G01N 33/68
(11) EP2764367
(21) EP12761989.8
(47) 25.07.2018
(87) EP2012068493
11.04.2013
(22) 20.09.2012
(54) METHOD FOR DIAGNOSING ALZHEIMER'S DISEASE (AD)
(73) Affiris AG
(72) STAFFLER, Günther
MAIRHOFER, Andreas
SCHNEEBERGER, Achim
LUTTEROVA, Martina
SCHMIDT, Walter
MATTNER, Frank
(31) 11183842
(32) 04.10.2011
(33) European Patent Office (EPO)

(51) G01N 33/86
G01N 21/75
G01N 35/00
G01N 21/82
(11) EP2982988

(21) EP14779633.8
(47) 25.07.2018
(87) JP2014057601
09.10.2014
(22) 19.03.2014
(54) AUTOMATIC ANALYSIS DEVICE AND ANALYSIS METHOD
(73) Hitachi High-Technologies Corporation
(72) YABUTANI Chie
MAKINO Akihisa
ADACHI Sakuichiro
(31) 2013077183
(32) 02.04.2013
(33) Japan

(51) G01N 35/00
B01L 3/00
(11) EP3044595
(21) EP14843287.5
(47) 25.07.2018
(87) US2014055420
19.03.2015
(22) 12.09.2014
(54) DYNAMIC ASSAY SELECTION AND SAMPLE PREPARATION APPARATUS AND METHODS AND MACHINE-READABLE MEDIUMS THEREOF
(73) Siemens Healthcare Diagnostics Inc.
(72) NATALE, Alfonso
FIGUEROA, Israel
(31) 201361876798 P
(32) 12.09.2013
(33) United States of America

(51) G01N 35/00
B01L 9/06
B04B 5/04
G01N 35/04
(11) EP2295984
(21) EP10182788.9
(47) 25.07.2018
(22) 26.09.2006
(54) Apparatus for processing biological material
(73) Qiagen GmbH
(72) Schäfer, Andreas
Voit, Thomas
Tschopp, Walter
Geiger, Adrian
Zbinden, Markus
Hibbing, Harald
Karl, Andreas
Eigemeier, Frank
Behrmann, Volker
Schmiede, Andreas
Kopp, Dietmar
(31) 102006027680
813457 P
05020948
(32) 14.06.2006
14.06.2006
26.09.2005
(33) Germany
United States of America
European Patent Office (EPO)

(51) G01N 35/00
B05C 11/00
B32B 38/00
(11) EP2406638
(21) EP10707057.5
(47) 25.07.2018
(87) EP2010052987
16.09.2010
(22) 09.03.2010
(54) METHOD AND APPARATUS FOR PRODUCING AN ANALYTICAL CONSUMABLE
(73) F.Hoffmann-La Roche AG
(72) SCHWOEBEL, Wolfgang
DREIBHOLZ, Jörg
(31) 09155088
(32) 13.03.2009
(33) European Patent Office (EPO)

(51) G01N 35/00
G01N 35/04
G01N 35/02
(11) EP3149491
(21) EP15724318.9
(47) 25.07.2018
(87) EP2015061643
03.12.2015
(22) 27.05.2015
(54) AN APPARATUS FOR THE STORAGE AND RETRIEVAL OF LARGE VOLUMES OF TEST TUBES
(73) Inpeco Holding Ltd.
(72) PEDRAZZINI, Gianandrea
(31) MI20140984
(32) 28.05.2014
(33) Italy

(51) G01N 35/10
B01L 3/00
B01L 9/00
(11) EP3080615
(21) EP14812212.0
(47) 25.07.2018
(87) EP2014077368
18.06.2015
(22) 11.12.2014
(54) REAGENT VESSEL HOLDER FOR AN ANALYTICAL INSTRUMENT, REAGENT SUPPLY SYSTEM FOR AN ANALYTICAL INSTRUMENT AND AN ANALYTICAL INSTRUMENT
(73) F.Hoffmann-La Roche AG
Hitachi High-Technologies Corporation
(72) SATTLER, Stephan
KRAEMER, Reinhold
KOMATSU, Hidenobu
SUZUKI, Toshio
(31) 13197125
(32) 13.12.2013
(33) European Patent Office (EPO)

(51) G01N 37/00
G01N 33/543
B01L 3/00
G01N 35/00
G01N 21/55
G01N 21/64
G01N 21/552
G01N 35/10
G01N 21/59
(11) EP2477033
(21) EP10813798.5
(47) 25.07.2018
(87) JP2010065110
10.03.2011
(22) 03.09.2010
(54) LIQUID FEEDING SYSTEM FOR MICROCHIP, SAMPLE DETECTION DEVICE, AND LIQUID FEEDING METHOD FOR LIQUID FEEDING SYSTEM FOR MICROCHIP
(73) Konica Minolta Holdings, Inc.
(72) AOKI Youichi
HIGASHINO Kusunoki
HIKAGE Naoki
(31) 2009205576
2009220421
(32) 07.09.2009
25.09.2009
(33) Japan
Japan

(51) G01P 15/09
G01P 15/125
G01C 19/574
G01C 19/5755
(11) EP2385343
(21) EP10741086.2
(47) 25.07.2018
(87) JP2010000815
19.08.2010
(22) 10.02.2010
(54) INERTIAL FORCE SENSOR AND DETECTING ELEMENT USED FOR SAME
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) UEMURA, Takeshi
(31) 2009030787
(32) 13.02.2009
(33) Japan

(51) G01P 21/00
(11) EP2817640
(21) EP13704394.9
(47) 25.07.2018
(87) EP2013052180
29.08.2013
(22) 04.02.2013
(54) METHOD FOR CALIBRATING AN ACCELERATION SENSOR AND ACCELERATION SENSOR
(73) Robert Bosch GmbH
(72) GLUECK, Manuel
(31) 102012202630
(32) 21.02.2012
(33) Germany

(51) G01R 1/36
G01R 15/12
(11) EP2204657
(21) EP09180569.7
(47) 25.07.2018
(22) 23.12.2009
(54) MULTIMETER WITH ELECTRONIC EXCESS CURRENT PROTECTION
(73) AVL DiTest GmbH
(72) Mantsch, Peter
Krammer, Gerald
(31) 75908 U
(32) 30.12.2008
(33) Austria

(51) G01R 13/02
(11) EP2219038
(21) EP10152949.3
(47) 25.07.2018
(22) 08.02.2010

(54) Power trigger with time qualified and sequential event capability
(73) Tektronix, Inc.
(72) Harwood, Steven L.
(31) 369669
(32) 11.02.2009
(33) United States of America

(51) G01R 13/02
G01R 23/16
(11) EP2434299
(21) EP11182916.4
(47) 25.07.2018
(22) 27.09.2011
(54) Multi-domain test and measurement instrument
(73) Tektronix, Inc.
(72) Dobyns, Kenneth
(31) 892774
(32) 28.09.2010
(33) United States of America

(51) G01R 15/12
G01R 1/04
G01D 11/24
(11) EP2078963
(21) EP08021984.3
(47) 25.07.2018
(22) 18.12.2008
(54) Testing device
(73) GMC-I Messtechnik GmbH
(72) Burger, Stefan
Kühnel, Wolfgang
(31) 102008003586
(32) 09.01.2008
(33) Germany

(51) G01R 19/165
G01R 31/00
G01R 31/02
H02H 11/00
B60L 3/00
H01R 13/713
(11) EP2668513
(21) EP11815500.1
(47) 25.07.2018
(87) FR2011053128
02.08.2012
(22) 21.12.2011
(54) ELECTRICAL CONNECTOR SYSTEM COMPRISING A DEVICE FOR DETECTING AN EARTH CONNECTION FAULT
(73) PSA Automobiles SA
(72) MORAND, Nicolas
(31) 1150611
(32) 26.01.2011
(33) France

(51) G01R 23/20
G01R 19/00
G01R 29/08
G01R 29/26
H02S 50/00
H02M 1/12
G01R 31/40
(11) EP2630510
(21) EP11704046.9
(47) 25.07.2018
(87) EP2011051794
26.04.2012
(22) 08.02.2011
(54) DECOMPOSITION AND MITIGATION OF A DISTURBANCE BEING PRESENT AT AN ELECTRIC CONNECTION BETWEEN AN ELECTRIC POWER GENERATING SYSTEM AND A POWER GRID
(73) Siemens Aktiengesellschaft
(72) ANDRESEN, Björn
BROGAN, Paul Brian
GOLDENBAUM, Nikolaus Moeller
(31) 10188028
(32) 19.10.2010
(33) European Patent Office (EPO)

(51) G01R 29/10
(11) EP1660895
(21) EP04786319.6
(47) 25.07.2018
(87) FR2004002153
03.03.2005
(22) 18.08.2004
(54) ANECHOIC CHAMBER WITH DIRECT OBSERVATION OF THE ELECTROMAGNETIC BEHAVIOUR OF A TOOL TO BE STUDIED
(73) Microwave Vision
(72) GARREAU, Philippe
DUCHESNE, Luc
IVERSEN, Per, Olav
GANDOIS, Arnaud
(31) 0309985
(32) 18.08.2003
(33) France

(51) G01R 31/00
(11) EP3227696
(21) EP15801859.8
(47) 25.07.2018
(87) EP2015078074
09.06.2016
(22) 30.11.2015
(54) METHOD AND ASSEMBLY FOR LOCATING ELECTROSTATIC DISCHARGES ON AIRCRAFT IN FLIGHT
(73) AIRBUS (SAS)
(72) REVEL, Ivan
PERES, Gilles
(31) 1461707
(32) 01.12.2014
(33) France

(51) G01R 31/34
(11) EP2211192
(21) EP10305059.7
(47) 25.07.2018
(22) 19.01.2010
(54) Method for determining the heating up of an electrical rotating machine
(73) GE Energy Power Conversion Technology Limited
(72) Mirzaian, Abdollah
Manuelle, Pascal
Dirand, Olivier
Lateb, Ramdane
Mercier, Jean-Charles
(31) 0950367
(32) 21.01.2009
(33) France

(51) G01R 33/09
G01B 7/30
G01D 5/16
H01L 43/08
G01R 33/00
G01R 33/02
H01L 43/02
(11) EP2696210
(21) EP12767837.3
(47) 25.07.2018
(87) CN2012075956
11.10.2012
(22) 23.05.2012
(54) SINGLE-CHIP TWO-AXIS BRIDGE-TYPE MAGNETIC FIELD SENSOR
(73) MultiDimension Technology Co., Ltd
(72) DEAK, James Geza
JIN, Insik
SHEN, Weifeng
LEI, Xiaofeng
XUE, Songsheng
(31) 201110084594
201110315913
(32) 06.04.2011
18.10.2011
(33) China
China

(51) G01R 33/09
G01D 5/18
H01L 43/08
B82Y 25/00
(11) EP2256463
(21) EP08871786.3
(47) 25.07.2018
(87) JP2008071944
06.08.2009
(22) 03.12.2008
(54) ANGLE SENSOR, ANGLE SENSOR MANUFACTURING METHOD, AND ANGLE DETECTION DEVICE USING THE ANGLE SENSOR
(73) Hitachi Metals, Ltd.
(72) HOSHIYA, Hiroyuki
MEGURO, Kenichi
NAKAMOTO, Kazuhiro
ABE, Yasunori
(31) 2008019647
(32) 30.01.2008
(33) Japan

(51) G01R 33/09
G01R 33/02
H01L 43/08
(11) EP2977777
(21) EP14768164.7
(47) 25.07.2018
(87) JP2014057152
25.09.2014
(22) 17.03.2014
(54) MAGNETIC SENSOR
(73) Hitachi Metals, Ltd.
(72) TAKAKI, Yasunori
KAWAKAMI, Makoto
ABE, Yasunori
(31) 2013055449
(32) 18.03.2013
(33) Japan

(51) G01R 33/46
G01R 33/30
G01R 33/36
(11) EP3081954
(21) EP15290102.1
(47) 25.07.2018

(22) 13.04.2015
(54) METHOD FOR TWO FIELD NUCLEAR MAGNETIC RESONANCE MEASUREMENTS
(73) Bruker France S.A.S.
Centre National de la Recherche Scientifique
Ecole Normale Supérieure
Sorbonne Université
(72) Cousin, Samuel
Charlier, Cyril
Ferrage, Fabien
Tyburn, Jean-Max
Marquardsen, Thorsten

(51) G01R 33/56
G06T 5/10
G06T 5/00
(11) EP3295202
(21) EP15720915.6
(47) 25.07.2018
(87) EP2015000957
17.11.2016
(22) 08.05.2015
(54) METHOD AND DEVICE FOR MAGNETIC RESONANCE IMAGING WITH IMPROVED SENSITIVITY BY NOISE REDUCTION
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
(72) MARSCHNER, Henrik
PAMPEL, André
MÖLLER, Harald

(51) G01S 5/02
(11) EP2979108
(21) EP13722837.5
(47) 25.07.2018
(87) IB2013052406
02.10.2014
(22) 26.03.2013
(54) UTILIZING SHORTENED DERIVATIVES OF IDENTIFIERS OF ENTITIES OF COMMUNICATION SYSTEMS FOR RETRIEVING POSITIONING INFORMATION
(73) Nokia Technologies OY
(72) WIROLA, Lauri Aarne Johannes
SYRJÄRINNE, Jari Tapani
BLOMQVIST, MikkoJuhani
WIROLA, Laura

(51) G01S 5/02
G01S 5/14
G01S 13/76
H04W 64/00
(11) EP2746802
(21) EP14020043.7
(47) 25.07.2018
(22) 20.11.2009
(54) Wireless position determination using adjusted round trip time measurements
(73) Qualcomm Incorporated
(72) Aggarwal, Alok
Naguib, Ayman
Sridhara, Vinay
Das, Saumitra Mohan
(31) 116996 P
117055 P
622289
(32) 21.11.2008
21.11.2008
19.11.2009
(33) United States of America
United States of America
United States of America

(51) G01S 5/02
H04W 4/02
G01S 19/48
(11) EP2092761
(21) EP07868513.8
(47) 25.07.2018
(87) US2007081929
15.05.2008
(22) 19.10.2007
(54) SYSTEM AND METHOD FOR ESTIMATING POSITIONING ERROR WITHIN A WLAN-BASED POSITIONING SYSTEM
(73) Skyhook Wireless, Inc.
(72) ALIZADEH-SHABDIZ, Farshid
MORGAN, Edward James
(31) 864716 P
625450
(32) 07.11.2006
22.01.2007
(33) United States of America
United States of America

(51) G01S 5/02
H04W 64/00
(11) EP2831617
(21) EP13770092.8
(47) 25.07.2018
(87) SE2013050294
03.10.2013
(22) 18.03.2013
(54) POSITIONING WITH SPLIT ANTENNAS PER CELL
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) WIGREN, Torbjörn
ANDERSON, Michael
(31) 201213430072
(32) 26.03.2012
(33) United States of America

(51) G01S 7/02
(11) EP3052960
(21) EP14766724.0
(47) 25.07.2018
(87) EP2014069804
09.04.2015
(22) 17.09.2014
(54) METHOD AND SYSTEM FOR DETERMINING A RECEPTION CONFIGURATION AND A DURATION OF A TIME INTERVAL
(73) THALES
(72) GLAUDE, Hadrien
BOUCARD, Hubert
(31) 1302310
(32) 04.10.2013
(33) France

(51) G01S 7/03
G01S 7/26
G01S 7/35
G01S 7/40
G01S 13/04
G01S 13/28
G01S 13/34
G01S 13/48
G01S 13/87
H01Q 1/32
H01Q 3/40
H01Q 1/38
H01Q 13/10
(11) EP1310018
(21) EP01965964.8
(47) 25.07.2018
(87) US2001025676
21.02.2002
(22) 16.08.2001
(54) SWITCHED BEAM ANTENNA ARCHITECTURE
(73) Valeo Radar Systems, Inc.
(72) BREGLIA, Caroline
FRENCH, Thomas, W.
PLEVA, Joseph, S.
(31) 226160 P
(32) 16.08.2000
(33) United States of America

(51) G01S 7/282
G01S 13/89
H01Q 3/26
G01S 7/03
H01Q 1/32
G01S 13/02
(11) EP2747276
(21) EP14160288.8
(47) 25.07.2018
(22) 06.09.2006
(54) Apparatus and methods for radar imaging based on injected push-push oscillators
(73) Beam Semiconductor Ltd.
(72) Milano, Alberto
(31) 17181705
(32) 07.11.2005
(33) Israel

(51) G01S 7/35
G01S 13/22
G01S 13/34
G01S 13/42
(11) EP1938122
(21) EP06830076.3
(47) 25.07.2018
(87) EP2006068731
24.05.2007
(22) 21.11.2006
(54) IMPROVEMENTS TO DOPPLER RADAR SYSTEMS
(73) Blighter Surveillance Systems Limited
(72) SPREADBURY, David
(31) 0523676
0600682
(32) 21.11.2005
13.01.2006
(33) United Kingdom
United Kingdom

(51) G01S 7/487
(11) EP2917757
(21) EP13766263.1
(47) 25.07.2018
(87) EP2013069378
15.05.2014
(22) 18.09.2013
(54) OPTOELECTRONIC DETECTION DEVICE WITH ADJUSTABLE BIAS VOLTAGE OF AN AVALANCHE-PHOTODETECTOR FOR A MOTOR

VEHICLE, MOTOR VEHICLE AND CORRESPONDING METHOD
(73) Valeo Schalter und Sensoren GmbH
(72) KOEHLER, Michael
BERGER, Patrick
(31) 102012021830
(32) 08.11.2012
(33) Germany

(51) G01S 15/89
G01S 7/52
A61B 8/00
A61B 8/08
A61B 8/14
G06T 7/60
G06T 19/00
(11) EP2365356
(21) EP11150363.7
(47) 25.07.2018
(22) 07.01.2011
(54) Three-dimensional (3D) ultrasound system for scanning object inside human body and method for operating 3D ultrasound system
(73) Samsung Medison Co., Ltd.
(72) Lee, Kwang Hee
Kim, Sung Yoon
(31) 20100021136
20100049028
(32) 10.03.2010
26.05.2010
(33) Korea (Republic)
Korea (Republic)

(51) G01S 17/08
G01S 7/481
G01S 7/497
G02B 3/08
(11) EP3229042
(21) EP17156213.5
(47) 25.07.2018
(22) 15.02.2017
(54) OPTOELECTRONIC SENSOR AND METHOD FOR DETECTING AN OBJECT AND MEASURING THE DISTANCE TO IT
(73) Sick AG
(72) Gimpel, Hartmut
Feise, Gerold
(31) 102016106154
(32) 05.04.2016
(33) Germany

(51) G01S 17/36
G01S 7/491
(11) EP2558883
(21) EP11703883.6
(47) 25.07.2018
(87) EP2011052252
20.10.2011
(22) 16.02.2011
(54) DISTANCE MEASURING DEVICE HAVING HOMOGENIZING MEASUREMENT EVALUATION
(73) Robert Bosch GmbH
(72) EISELE, Andreas
SCHMIDTKE, Bernd
SCHNITZER, Reiner
(31) 102010003843
(32) 12.04.2010
(33) Germany

(51) G01S 19/21
G01S 19/16
(11) EP2909653
(21) EP13765919.9
(47) 25.07.2018
(87) US2013059648
24.04.2014
(22) 13.09.2013
(54) SERVER ALGORITHS TO IMPROVE SPACE BASED AUTHENTICATION
(73) The Boeing Company
(72) ENGE, Per
LAWRENCE, David
O'CONNOR, Michael
EGLINGTON, Micahel L.
GUTT, Gregory M.
WHELAN, David
(31) 201213653401
(32) 16.10.2012
(33) United States of America

(51) G01S 19/42
G01S 19/22
(11) EP2674783
(21) EP13172095.5
(47) 25.07.2018
(22) 14.06.2013
(54) SATELLITE SIGNAL RECEIVER USED FOR LOCATION
(73) Thales
(72) Revol, Marc
Depraz Depland, David
(31) 1201711
(32) 15.06.2012
(33) France

(51) G01T 1/29
G01T 1/17
H04N 5/32
H04N 5/361
H04N 5/235
(11) EP2180343
(21) EP09174091.0
(47) 25.07.2018
(22) 26.10.2009
(54) System and method of x-ray detection with a sensor
(73) Dental Imaging Technologies Corporation
(72) Zeller, Uwe
(31) 108552 P
(32) 27.10.2008
(33) United States of America

(51) G01T 1/40
G01T 1/29
G01T 7/00
(11) EP2341370
(21) EP10196257.9
(47) 25.07.2018
(22) 21.12.2010
(54) Nuclear medicine diagnosis apparatus
(73) Toshiba Medical Systems Corporation
(72) Teshigawara, Manabu
Takayama, Takuzo
Umehara, Takaya
Komori, Tomoyasu
(31) 2010000737
(32) 05.01.2010
(33) Japan

(51) G01T 7/02
G21C 17/02
G21C 17/022
(11) EP2613323
(21) EP11821528.4
(47) 25.07.2018
(87) JP2011068126
08.03.2012
(22) 09.08.2011
(54) NUCLEAR REACTOR FUEL INTEGRITY MONITOR
(73) Mitsubishi Heavy Industries, Ltd.
(72) NISHIMURA, Takao
KINO, Kenichiro
(31) 2010195150
(32) 31.08.2010
(33) Japan

(51) G01V 1/30
G01V 1/34
(11) EP3254142
(21) EP15813512.9
(47) 25.07.2018
(87) GB2015053903
11.08.2016
(22) 14.12.2015
(54) A METHOD FOR DETERMINING SEDIMENTARY FACIES USING 3D SEISMIC DATA
(73) Foster Findlay Associates Limited
(72) LOWELL, James
YADAV, Hanish
CYBULSKIJ, Vitalij
ECKERSLEY, Adam
PURVES, Stephen
(31) 201502027
(32) 06.02.2015
(33) United Kingdom

(51) G01W 1/00
(11) EP2753959
(21) EP12807081.0
(47) 25.07.2018
(87) US2012042966
10.01.2013
(22) 18.06.2012
(54) PREDICTING THE POTENTIAL FOR SEVERE WEATHER
(73) Earth Networks, Inc.
(72) MARSHALL, Robert, S.
SLOOP, Christopher, Dale
BEROUKHIM, Benjamin, E.
LIU, Chonglin
HECKMAN, Stan
HOEKZEMA, Mark, A.
(31) 201113177266
(32) 06.07.2011
(33) United States of America

(51) G02B 1/10
G02B 1/11
G02B 5/02
F21V 7/10
F21V 8/00
(11) EP2752685
(21) EP13195427.3
(47) 25.07.2018
(22) 03.12.2013
(54) Display device and method for fabricating reflective sheet for the same
(73) LG Display Co., Ltd.
(72) Lee, Sang-Hyun
Kim, Byoung-Ku
Moon, Won-Taek

Kim, Bo-Ra
Chang, Su-Jin
(31) 20120146893
20130094372
(32) 14.12.2012
08.08.2013
(33) Korea (Republic)
Korea (Republic)

(51) G02B 5/10
G01N 21/27
G02B 26/02
G02B 26/08
(11) EP3193195
(21) EP16151704.0
(47) 25.07.2018
(22) 18.01.2016
(54) OPTICAL SENSOR
(73) SICK Engineering GmbH
(72) Klinder, Kai

(51) G02B 5/10
G02B 26/06
G02B 26/08
(11) EP2781940
(21) EP14160291.2
(47) 25.07.2018
(22) 17.03.2014
(54) High correctabillity deformable mirror
(73) Goodrich Corporation
(72) Southard, Bari M.
(31) 201313847363
(32) 19.03.2013
(33) United States of America

(51) G02B 5/20
G02F 1/1335
G02F 1/1339
(11) EP2835669
(21) EP12873683.2
(47) 25.07.2018
(87) CN2012084482
10.10.2013
(22) 12.11.2012
(54) METHOD FOR MANUFACTURING COLOR FILTER, COLOR FILTER, AND DISPLAY DEVICE
(73) BOE Technology Group Co., Ltd.
(72) LU, Jinbo
ZHANG, Zhuo
(31) 201210096977
(32) 01.04.2012
(33) China

(51) G02B 5/28
G02C 7/10
G02C 7/12
G02C 7/02
(11) EP2192424
(21) EP09177316.8
(47) 25.07.2018
(22) 27.11.2009
(54) Optical article and method for producing the same
(73) EHS Lens Philippines, Inc.
(72) Toda, Mitsuhiro
Hoshino, Yuta
(31) 2008306048
(32) 01.12.2008
(33) Japan

(51) G02B 5/32
G02B 6/00
G02B 27/01
(11) EP2378346
(21) EP11155633.8
(47) 25.07.2018
(22) 23.02.2011
(54) Head mounted display
(73) Sony Corporation
(72) Mukawa, Hiroshi
Kagawa, Atsushi
Nakano, Satoshi
Hibi, Keita
Fukuma, Yohei
Takuma, Tomoaki
(31) 2010087785
(32) 06.04.2010
(33) Japan

(51) G02B 6/35
H04Q 11/00
G02B 6/122
G02B 6/293
H04J 14/02
G02B 6/12
(11) EP2771733
(21) EP12843541.9
(47) 25.07.2018
(87) US2012062329
02.05.2013
(22) 27.10.2012
(54) SCALABLE OPTICAL SWITCHES AND SWITCHING MODULES
(73) NeoPhotonics Corporation
(72) TICKNOR, Anthony, J.
VOROBEICHIK, Ilya
WAY, Winston
(31) 201161552616 P
201261594539 P
201261642280 P
(32) 28.10.2011
03.02.2012
03.05.2012
(33) United States of America
United States of America
United States of America

(51) G02B 6/38
(11) EP2724188
(21) EP12804532.5
(47) 25.07.2018
(87) US2012044105
03.01.2013
(22) 26.06.2012
(54) FIELD TERMINABLE OPTICAL CONNECTOR WITH SPLICE ELEMENT FOR JACKETED CABLE
(73) 3M Innovative Properties Company
(72) LARSON, Donald K.
RAIDER, Wesley A.
TREADWELL, Daniel J.
AFFLERBAUGH, Martin G.
GONZALEZ, David
HENDERSON, Daniel H.
ALLEN, William G.
(31) 201161501563 P
(32) 27.06.2011
(33) United States of America

(51) G02B 6/38
G02B 6/32
(11) EP2815260
(21) EP13706366.5
(47) 25.07.2018
(87) US2013025539
22.08.2013
(22) 11.02.2013
(54) MULTI-CHANNEL OPTICAL CONNECTOR WITH INSERTS
(73) Tyco Electronics (Shanghai) Co., Ltd.
TE Connectivity Corporation
(72) GRINDERSLEV, Soren
LIN, Lin
(31) 201213398312
(32) 16.02.2012
(33) United States of America

(51) G02B 6/44
(11) EP3028084
(21) EP13741797.8
(47) 25.07.2018
(87) EP2013065931
05.02.2015
(22) 29.07.2013
(54) OPTICAL CABLE FOR TERRESTRIAL NETWORKS
(73) Prysmian S.p.A.
(72) LANG, Ian, Dewi
ROBERTS, Paul, John
DAVIES, Martin, Vincent
SUTEHALL, Ralph

(51) G02B 7/10
G02B 23/00
(11) EP2469317
(21) EP11195243.8
(47) 25.07.2018
(22) 22.12.2011
(54) Telescope with lens and ocular module
(73) Swarovski-Optik KG.
(72) Zimmermann, Andreas
Erler, Franz
(31) 21312010
(32) 23.12.2010
(33) Austria

(51) G02B 13/16
G02B 19/00
(11) EP2490062
(21) EP12152366.6
(47) 25.07.2018
(22) 25.01.2012
(54) Projection lens and projection apparatus
(73) Young Optics Inc.
(72) Wang, Kuo-Chuan
Kang, Yi-Hao
Hsieh, Chi-Tang
Lee, Chia-Chang
(31) 100105494
(32) 18.02.2011
(33) Taiwan, Province of China

(51) G02B 17/08
G02B 5/02
B60K 35/00
G02B 25/02
G03B 21/20
G03B 21/28
G03B 21/62
G03B 33/12
G09F 9/00
G02B 27/01
G03B 21/00
(11) EP3064995

(21) EP14856917.1
(47) 25.07.2018
(87) JP2014003109
07.05.2015
(22) 11.06.2014
(54) TRANSMISSIVE SCREEN AND IMAGE DISPLAY DEVICE USING SAME
(73) JVC KENWOOD Corporation
(72) SEGAWA, Masaru
(31) 2013223291
(32) 28.10.2013
(33) Japan

(51) G02B 27/01
B60K 35/00
G02B 27/48
(11) EP3015905
(21) EP14818350.2
(47) 25.07.2018
(87) JP2014059141
31.12.2014
(22) 28.03.2014
(54) HEAD-UP DISPLAY DEVICE
(73) AISIN AW CO., LTD.
(72) WATANABE, Kenji
MIYAKE, Hiroyuki
(31) 2013136974
(32) 28.06.2013
(33) Japan

(51) G02B 27/01
G01C 21/26
B60W 40/072
B60W 40/076
B60W 50/14
G06T 7/246
(11) EP2156238
(21) EP08718076.6
(47) 25.07.2018
(87) EP2008053358
16.10.2008
(22) 20.03.2008
(54) METHOD FOR DISPLAYING A FORWARD ROADWAY AND CONTROL DEVICE
(73) Robert Bosch GmbH
(72) DAMBIER, Michael
GRZESIK, Axel
ALTMUELLER, Tobias
(31) 102007016868
(32) 10.04.2007
(33) Germany

(51) G02B 27/01
G06F 3/0487
G06F 1/16
G06F 3/01
G06F 3/0362
(11) EP3084510
(21) EP14819153.9
(47) 25.07.2018
(87) US2014066995
25.06.2015
(22) 24.11.2014
(54) WEARABLE DISPLAY INPUT SYSTEM
(73) Microsoft Technology Licensing, LLC
(72) SANCHEZ, Russell
BROWN, Cameron
(31) 201314132851
(32) 18.12.2013
(33) United States of America

(51) G02C 7/04
G02C 7/02
(11) EP2956817
(21) EP14751997.9
(47) 25.07.2018
(87) AU2014000122
21.08.2014
(22) 13.02.2014
(54) CONTACT LENS STABILISATION
(73) Brien Holden Vision Institute
(72) EHRMANN, Klaus
HOLDEN, Brien Anthony
(31) 2013200761
(32) 13.02.2013
(33) Australia

(51) G02F 1/133
G09F 13/10
H01L 27/30
G02F 1/163
G02F 1/167
(11) EP1917558
(21) EP06802123.7
(47) 25.07.2018
(87) US2006032844
01.03.2007
(22) 22.08.2006
(54) DISPLAYS WITH INTEGRATED PHOTOVOLTAIC CELLS
(73) Merck Patent GmbH
(72) BRABEC, Christoph
CHAN, Randolph W.
CHILDERS, Richard
MCGAHN, Daniel Patrick
OLIVER, Kevin P.
(31) 710183 P
722885 P
(32) 22.08.2005
30.09.2005
(33) United States of America
United States of America

(51) G02F 1/13357
(11) EP2235589
(21) EP08862035.6
(47) 25.07.2018
(87) IB2008055335
25.06.2009
(22) 16.12.2008
(54) ILLUMINATION SYSTEM, LUMINAIRE AND BACKLIGHTING UNIT
(73) Philips Lighting Holding B.V.
(72) HOLTEN, Petrus, A., J.
FABRIEK, Vincent
TORDINI, Giorgia
(31) 07123426
(32) 18.12.2007
(33) European Patent Office (EPO)

(51) G02F 1/1345
(11) EP2772798
(21) EP13195527.0
(47) 25.07.2018
(22) 03.12.2013
(54) Liquid crystal display and method of fabricating the same
(73) LG Display Co., Ltd.
(72) Jung, Sunghun
(31) 20130020990
(32) 27.02.2013
(33) Korea (Republic)

(51) G02F 1/1347
G02F 1/1335
G09G 3/34
G03B 21/14
G03B 21/26
G03B 21/56
G03B 21/625
H04N 5/74
H04N 9/31
G09G 3/00
(11) EP2267520
(21) EP10008752.7
(47) 25.07.2018
(22) 27.02.2002
(54) A METHOD AND DEVICE FOR DISPLAYING AN IMAGE
(73) Dolby Laboratories Licensing Corporation
(72) Whitehead, Lorne
Ward, Greg
Stuerzlinger, Wolfgang
Seetzen, Helge
(31) 271563 P
(32) 27.02.2001
(33) United States of America

(51) G02F 1/1362
G02F 1/1345
(11) EP3021166
(21) EP15183487.6
(47) 25.07.2018
(22) 02.09.2015
(54) DISPLAY DEVICE AND METHOD FOR FABRICATING THE SAME
(73) LG Display Co., Ltd.
(72) SHIN, MiHee
KIM, TaeSang
KIM, MinGyeong
(31) 20140159150
(32) 14.11.2014
(33) Korea (Republic)

(51) G02F 1/365
G02F 1/025
G02B 6/12
(11) EP3220193
(21) EP17159806.3
(47) 25.07.2018
(22) 08.03.2017
(54) SLOW-LIGHT WAVEGUIDE
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(72) BEN BAKIR, Badhise
HASSAN, Karim
(31) 1652259
(32) 17.03.2016
(33) France

(51) G02F 1/377
G02F 1/295
G03F 7/20
H01S 5/00
(11) EP2477069
(21) EP12150623.2
(47) 25.07.2018
(22) 10.01.2012
(54) Optical device, exposure apparatus and laser apparatus
(73) SCREEN Holdings Co., Ltd.
(72) Okazaki, Masahide
Suhara, Toshiaki

(31) 2011006130
(32) 14.01.2011
(33) Japan

(51) G02F 1/377
G02F 1/355
(11) EP2590012
(21) EP12189250.9
(47) 25.07.2018
(22) 19.10.2012
(54) Ultraviolet laser light source and method of forming a frequency-doubling optical waveguide for generating ultraviolet light
(73) Sharp Kabushiki Kaisha
(72) Smeeton, Tim
Hooper, Stewart
Boardman, Edward Andrew
Cole, Robin Mark
(31) 201113278847
(32) 21.10.2011
(33) United States of America

(51) G03B 19/02
B06B 1/02
G02B 7/00
G02B 27/00
(11) EP2202572
(21) EP09015890.8
(47) 25.07.2018
(22) 22.12.2009
(54) Vibrating device and image equipment having the same
(73) Olympus Corporation
(72) Kawai, Sumio
Miyazawa, Takashi
Ichihara, Hironori
(31) 2008334696
2009263994
(32) 26.12.2008
19.11.2009
(33) Japan
Japan

(51) G03B 19/02
B06B 1/02
G02B 7/00
G02B 27/00
(11) EP2202573
(21) EP09015891.6
(47) 25.07.2018
(22) 22.12.2009
(54) Vibrating device and image equipment having the same
(73) Olympus Corporation
(72) Kawai, Sumio
Miyazawa, Takashi
(31) 2008334695
2009263995
(32) 26.12.2008
19.11.2009
(33) Japan
Japan

(51) G03B 21/10
G03B 27/18
H04N 5/74
(11) EP3072013
(21) EP14863400.9
(47) 25.07.2018
(87) US2014066670
28.05.2015
(22) 20.11.2014
(54) COMPACT OPTICAL PROJECTION APPARATUS
(73) Texas Instruments Incorporated
(72) SHENG, Zhongyan
(31) 201361906674 P
201414537036
(32) 20.11.2013
10.11.2014
(33) United States of America
United States of America

(51) G03C 1/00
G03C 5/00
(11) EP2488918
(21) EP10823969.0
(47) 25.07.2018
(87) US2010052388
21.04.2011
(22) 12.10.2010
(54) MARKING PAPER PRODUCTS
(73) Xyleco, Inc.
(72) MEDOFF, Marshall
(31) 251633 P
(32) 14.10.2009
(33) United States of America

(51) G03F 7/00
(11) EP3042241
(21) EP14758766.1
(47) 25.07.2018
(87) US2014051991
12.03.2015
(22) 21.08.2014
(54) METHOD OF FORMING CONDUCTIVE FILMS WITH MICRO-WIRES
(73) Eastman Kodak Company
(72) WANG, Yongcai
LEBENS, John Andrew
WRIGHT, Mitchell Lawrence
(31) 201314017638
(32) 04.09.2013
(33) United States of America

(51) G03F 7/00
B81C 1/00
(11) EP2715450
(21) EP12731717.0
(47) 25.07.2018
(87) IB2012052732
06.12.2012
(22) 31.05.2012
(54) METHOD FOR THE FABRICATION OF MONOLITHIC THREE-DIMENSIONAL MICROFLUIDIC DEVICES
(73) Tensive S.r.l.
(72) LENARDI, Cristina
TOCCHIO, Alessandro
MARTELLO, Federico
(31) MI20110995
(32) 31.05.2011
(33) Italy

(51) G03F 7/039
(11) EP2270596
(21) EP10005865.0
(47) 25.07.2018
(22) 07.06.2010
(54) Positive resist compostion and pattern forming process
(73) Shin-Etsu Chemical Co., Ltd.
(72) Tanaka, Akinobu
Masunaga, Keiichi
Domon, Daisuke
Watanabe, Satoshi
(31) 2009156784
(32) 01.07.2009
(33) Japan

(51) G03F 7/039
G03F 7/004
(11) EP3279734
(21) EP17183703.2
(47) 25.07.2018
(22) 28.07.2017
(54) POSITIVE RESIST COMPOSITION, RESIST PATTERN FORMING PROCESS, AND PHOTOMASK BLANK
(73) Shin-Etsu Chemical Co., Ltd.
(72) MASUNAGA, Keiichi
WATANABE, Satoshi
KOTAKE, Masaaki
OHASHI, Masaki
(31) 2016154628
(32) 05.08.2016
(33) Japan

(51) G03F 7/20
(11) EP2659309
(21) EP11815880.7
(47) 25.07.2018
(87) US2011065799
05.07.2012
(22) 19.12.2011
(54) SIMULTANEOUS MEASUREMENT OF MULTIPLE OVERLAY ERRORS
(73) Nanometrics Incorporated
(72) LI, Jie
(31) 978922
(32) 27.12.2010
(33) United States of America

(51) G03F 7/20
(11) EP3213149
(21) EP15778638.5
(47) 25.07.2018
(87) EP2015073213
06.05.2016
(22) 08.10.2015
(54) SUBSTRATE TABLE, LITHOGRAPHY APPARATUS, INSPECTION TOOL AND A METHOD OF MANUFACTURING A DEVICE
(73) ASML Netherlands B.V.
(72) VAN DE RIJDT, Johannes Hubertus Antonius
(31) 14190599
(32) 28.10.2014
(33) European Patent Office (EPO)

(51) G03F 7/20
B82Y 10/00
G02B 5/08
G21K 1/06
(11) EP2550665
(21) EP11716315.4
(47) 25.07.2018
(87) JP2011057516
29.09.2011
(22) 22.03.2011
(54) MIRROR AND EXTREME ULTRAVIOLET LIGHT GENERATION SYSTEM
(73) Gigaphoton Inc.
(72) KAMEDA, Hidenobu

WAKABAYASHI, Osamu
MORIYA, Masato
(31) 2010283717
2010070988
(32) 20.12.2010
25.03.2010
(33) Japan
Japan

(51) G03G 5/147
G03G 21/00
G03G 15/00
G03G 5/05
(11) EP2715454
(21) EP12792563.4
(47) 25.07.2018
(87) JP2012064339
06.12.2012
(22) 28.05.2012
(54) ELECTROPHOTOGRAPHIC PHOTOSENSITIVE MEMBER, PROCESS CARTRIDGE, AND ELECTROPHOTOGRAPHIC APPARATUS
(73) Canon Kabushiki Kaisha
(72) TAKAHASHI, Koji
UEMATSU, Hiroki
MITSUI, Takahiro
KAWAI, Yasuhiro
NISHIDA, Tsutomu
OGAWA, Hideki
(31) 2011122748
2012043118
PCT/JP2012/056046
2012118554
(32) 31.05.2011
29.02.2012
02.03.2012
24.05.2012
(33) Japan
Japan
World Intellectual Property Office (WIPO)
Japan

(51) G03G 9/08
G03G 9/087
G03G 9/097
(11) EP3101479
(21) EP16172875.3
(47) 25.07.2018
(22) 03.06.2016
(54) ELECTROSTATIC CHARGE IMAGE DEVELOPING TONER
(73) Konica Minolta, Inc.
(72) Onishi, Junya
Fujisaki, Tatsuya
Haruki, Hidehito
Furukawa, Junichi
Hirano, Shiro
(31) 2015114247
(32) 04.06.2015
(33) Japan

(51) G03G 9/087
G03G 9/09
G03G 9/097
(11) EP2921908
(21) EP15159801.8
(47) 25.07.2018
(22) 19.03.2015
(54) TONER AND TWO-COMPONENT DEVELOPER
(73) Canon Kabushiki Kaisha
(72) Takahashi, Toru
Ogawa, Yoshihiro
Tsujimoto, Daisuke
Iida, Wakashi
(31) 2014058172
2015048301
(32) 20.03.2014
11.03.2015
(33) Japan
Japan

(51) G03G 15/00
(11) EP2767872
(21) EP14150338.3
(47) 25.07.2018
(22) 07.01.2014
(54) Curl straightening method and image forming apparatus
(73) Ricoh Company Ltd.
(72) Oohara, Shunichi
Hayama, Yuko
(31) 2013030192
(32) 19.02.2013
(33) Japan

(51) G03G 15/08
(11) EP2977822
(21) EP15740805.5
(47) 25.07.2018
(87) JP2015050431
30.07.2015
(22) 09.01.2015
(54) DEVELOPER STORAGE CONTAINER AND IMAGE FORMING DEVICE COMPRISING SAME
(73) Kyocera Document Solutions Inc.
(72) ETO, Daisuke
(31) 2014010534
(32) 23.01.2014
(33) Japan

(51) G03G 15/20
G03G 15/00
(11) EP2790063
(21) EP14163886.6
(47) 25.07.2018
(22) 08.04.2014
(54) Cooling Device and Image Forming Apparatus Including Same
(73) Ricoh Company, Ltd.
(72) Ikeda, Keisuke
Hirasawa, Tomoyasu
Shoji, Yutaka
Ishii, Kenji
Watanabe, Takeshi
Tateyama, Susumu
Miyagawa, Hiroaki
Fujiya, Hiromitsu
(31) 2013081953
2013107851
2014014344
2014035245
(32) 10.04.2013
22.05.2013
29.01.2014
26.02.2014
(33) Japan
Japan
Japan
Japan

(51) G03G 21/16
G03G 15/08
G03G 21/18
(11) EP3282321
(21) EP17155671.5
(47) 25.07.2018
(22) 10.02.2017
(54) DEVELOPMENT CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS ADOPTING THE SAME
(73) HP Printing Korea Co., Ltd.
(72) SIM, Yun-kyu
KIM, Young-chae
CHANG, Gun-soo
JANG, Ho-jin
(31) 20160101223
(32) 09.08.2016
(33) Korea (Republic)

(51) G03H 1/02
B41M 3/14
B41M 3/00
B41M 7/00
(11) EP2117847
(21) EP07855118.1
(47) 25.07.2018
(87) US2007087348
26.06.2008
(22) 13.12.2007
(54) A HOLOGRAM APPEARING PACKAGE IMAGE
(73) Colgate-Palmolive Company
(72) SARNATARO, John A.
(31) 869983 P
(32) 14.12.2006
(33) United States of America

(51) G04B 21/06
G04B 23/02
G10F 1/10
G10K 1/067
(11) EP3079024
(21) EP15162913.6
(47) 25.07.2018
(22) 09.04.2015
(54) MECHANISM FOR MAGNETIC ACTUATION OF TIMEPIECE CHIMES
(73) MONTRES BREGUET S.A.
(72) Légeret, Benoît
Sarchi, Davide
Di Domenico, Gianni
Favre, Jérôme

(51) G04R 20/06
G05G 5/00
(11) EP2555063
(21) EP11759437.4
(47) 25.07.2018
(87) JP2011056982
29.09.2011
(22) 23.03.2011
(54) RADIO-CONTROLLED WATCH
(73) Citizen Watch Co., Ltd.
(72) KATO, Akira
HAGITA, Takushi
YASUOKA, Tadashi
(31) 2010073857
(32) 26.03.2010
(33) Japan

(51) G05B 9/03

G06F 11/20
(11) EP3189381
(21) EP15780914.6
(47) 25.07.2018
(87) FR2015052344
10.03.2016
(22) 04.09.2015
(54) TWO CHANNEL ARCHITECTURE
(73) Safran Electronics & Defense
Safran Helicopter Engines
(72) LIU, Céline
MARTI, Nicolas
LANGFORD, Stephen
(31) 1458354
(32) 05.09.2014
(33) France

(51) G05B 15/02
D06F 33/02
(11) EP2718772
(21) EP12740675.9
(47) 25.07.2018
(87) IB2012052878
13.12.2012
(22) 07.06.2012
(54) HOUSEHOLD APPLIANCE WITH STAND-BY WAKE-UP SYSTEM
(73) Whirlpool EMEA S.p.A
(72) OTTAVIANI, Gianpiero
POSSANZA, Mauro
(31) TO20110511
(32) 09.06.2011
(33) Italy

(51) G05B 19/05
(11) EP3076251
(21) EP15196372.5
(47) 25.07.2018
(22) 25.11.2015
(54) INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING PROGRAM, AND INFORMATION PROCESSING METHOD
(73) OMRON CORPORATION
(72) NIWA, Yoshimi
UEDA, Takamasa
KAWAMATA, Katsuyuki
IKEO, Yuji
(31) 2015073048
(32) 31.03.2015
(33) Japan

(51) G05B 19/404
B24B 13/06
G01M 11/02
G02B 3/00
G01N 21/958
(11) EP3180664
(21) EP15750379.8
(47) 25.07.2018
(87) EP2015068296
18.02.2016
(22) 07.08.2015
(54) METHOD FOR DEDUCING GEOMETRICAL DEFECTS OF AN OPTICAL ARTICLE TURNING MACHINE
(73) Essilor International
(72) BULTEZ, Xavier
MOINE, Jérôme
BOLTEAU, Guillaume
CHAUVEAU, Jean-Pierre
(31) 14306273
(32) 13.08.2014
(33) European Patent Office (EPO)

(51) G05B 19/4069
(11) EP2057516
(21) EP07813808.8
(47) 25.07.2018
(87) US2007075274
14.02.2008
(22) 06.08.2007
(54) GENERALIZED KINEMATICS SYSTEM
(73) HURCO COMPANIES INC.
(72) GRAY, Paul, J.
LU, Jiang
LANKALAPALLI, Kishore
(31) 821523 P
821503 P
833971
(32) 04.08.2006
04.08.2006
03.08.2007
(33) United States of America
United States of America
United States of America

(51) G05B 19/409
B23Q 17/00
B23Q 11/08
B23Q 1/00
(11) EP2910332
(21) EP12886079.8
(47) 25.07.2018
(87) JP2012075423
10.04.2014
(22) 01.10.2012
(54) MACHINE TOOL
(73) Yamazaki Mazak Corporation
(72) IGARASHI, Jun
ADACHI, Isao
TANAHASHI, Makoto

(51) G05B 19/4093
(11) EP2340469
(21) EP09774813.1
(47) 25.07.2018
(87) DE2009001470
29.04.2010
(22) 21.10.2009
(54) APPARATUS AND METHOD FOR CONTROLLING A MACHINING SYSTEM
(73) TRUMPF Werkzeugmaschinen GmbH + Co. KG
(72) HAMMANN, Gerhard
SZELAGOWSKI, Arnd
SCHLOTTER, Mathias
BAUER, Klaus
(31) 102008052592
(32) 21.10.2008
(33) Germany

(51) G05B 19/4099
G06F 17/50
H04R 1/00
G10K 11/02
H04R 1/30
(11) EP2476262
(21) EP10744826.8
(47) 25.07.2018
(87) US2010045571
17.03.2011
(22) 16.08.2010
(54) AUTOMATED CUSTOMIZATION OF LOUDSPEAKERS AND LOUDSPEAKER HORNS
(73) Bose Corporation
(72) ICKLER, Christopher B.
HENRICKSEN, Clifford A.
MOCHIMARU, Akira
JACOB, Kenneth D.
HAYASHI, Soichiro
(31) 557885
(32) 11.09.2009
(33) United States of America

(51) G05B 19/423
(11) EP2131257
(21) EP09006626.7
(47) 25.07.2018
(22) 15.05.2009
(54) Method and device for controlling a manipulator
(73) KUKA Deutschland GmbH
(72) Bischoff, Rainer
Schmirgel, Volker
(31) 102008027008
(32) 06.06.2008
(33) Germany

(51) G05B 23/02
F02K 9/42
F02C 9/28
(11) EP2851759
(21) EP14182715.4
(47) 25.07.2018
(22) 28.08.2014
(54) Adaptive remaining useful life balancing control system and method for multi-engine systems
(73) Honeywell International Inc.
(72) Gordon, Grant
Peralta-Duran, Hector Alonso
Ling, Richard
Gorelik, Michael
(31) 201314030039
(32) 18.09.2013
(33) United States of America

(51) G05D 1/00
G05D 1/02
E04H 6/42
(11) EP2791749
(21) EP12795479.0
(47) 25.07.2018
(87) EP2012074676
20.06.2013
(22) 06.12.2012
(54) CONTROL OF THE AUTONOMOUS MODE OF BIMODAL VEHICLES
(73) Renault S.A.S.
(72) IBANEZ-GUZMAN, Javier
MINOIU-ENACHE, Nicoleta
CHALE GONGORA, Hugo Guillermo
LESAING, Jean
CHAUVEAU, François
(31) 1161773
(32) 16.12.2011
(33) France

(51) G05D 1/02
(11) EP3186685
(21) EP15763447.8
(47) 25.07.2018
(87) US2015046347

03.03.2016
(22) 21.08.2015
(54) THREE-DIMENSIONAL ELEVATION MODELING FOR USE IN OPERATING AGRICULTURAL VEHICLES
(73) Trimble Inc.
(72) SPILLER, Stephanie Anne
HAMILTON, Jeffrey
(31) 201414469790
(32) 27.08.2014
(33) United States of America

(51) G05D 1/02
A01D 34/00
(11) EP3073343
(21) EP16161626.3
(47) 25.07.2018
(22) 22.03.2016
(54) CONTROL APPARATUS FOR AUTONOMOUSLY NAVIGATING UTILITY VEHICLE
(73) HONDA MOTOR CO., LTD.
(72) YAMAMURA, Makoto
(31) 2015067216
(32) 27.03.2015
(33) Japan

(51) G05D 11/13
G05D 24/02
C07C 263/20
(11) EP2825926
(21) EP13708444.8
(47) 25.07.2018
(87) EP2013054843
19.09.2013
(22) 11.03.2013
(54) METHOD FOR CONTROLLING THE VISCOSITY OF A MIXTURE CONTAINING AT LEAST TWO COMPONENTS HAVING DIFFERENT VISCOSITIES
(73) BASF SE
(72) THIELE, Kai
DUCHEYNE, Wouter
JANSEN, Bart
(31) 12159139
(32) 13.03.2012
(33) European Patent Office (EPO)

(51) G05D 23/13
(11) EP2985668
(21) EP15155716.2
(47) 25.07.2018
(22) 19.02.2015
(54) SINGLE-HANDLE DUAL-CONTROL THERMOSTATIC VALVE AND SINGLE-HANDLE DUAL-CONTROL THERMOSTATIC FAUCET
(73) Suprema (Zhuhai J/V) Thermostatic Sanitaryware Co., Ltd
(72) Xie, Qingjun
(31) 201420464057 U
201420471783 U
201420820043 U
(32) 15.08.2014
20.08.2014
19.12.2014
(33) China
China
China

(51) G05D 23/13
(11) EP2985392
(21) EP15155781.6
(47) 25.07.2018
(22) 19.02.2015
(54) SINGLE-HANDLE DUAL-CONTROL THERMOSTATIC FAUCET
(73) Suprema (Zhuhai J/V) Thermostatic Sanitaryware Co., Ltd
(72) Xie, Qingjun
(31) 201420464057 U
201420471783 U
201420820043 U
(32) 15.08.2014
20.08.2014
19.12.2014
(33) China
China
China

(51) G05F 1/00
H05B 33/08
(11) EP2356532
(21) EP09832456.9
(47) 25.07.2018
(87) US2009067241
17.06.2010
(22) 09.12.2009
(54) CURRENT RIPPLE REDUCTION CIRCUIT FOR LEDS
(73) Linear Technology Corporation
(72) NEGRETE, Michael, George
(31) 332288
(32) 10.12.2008
(33) United States of America

(51) G05F 1/56
H02J 9/00
(11) EP2947536
(21) EP14183894.6
(47) 25.07.2018
(22) 08.09.2014
(54) Voltage regulator and voltage regulating method and chip using the same
(73) Nuvoton Technology Corporation
(72) Hung, Ming-Che
Lu, Ciao-Ling
(31) 103116198
(32) 07.05.2014
(33) Taiwan, Province of China

(51) G06F 1/035
(11) EP2126659
(21) EP07748350.1
(47) 25.07.2018
(87) SE2007050174
25.09.2008
(22) 20.03.2007
(54) A METHOD FOR USE IN A DIGITAL FREQUENCY SYNTHESIZER
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ZHANG, Yang

(51) G06F 1/08
G06F 1/06
G06F 1/10
H01L 23/552
(11) EP3179331
(21) EP16202352.7
(47) 25.07.2018
(22) 06.12.2016
(54) LOW-POWER CLOCK REPEATERS AND INJECTION LOCKING PROTECTION FOR HIGH-FREQUENCY CLOCK DISTRIBUTIONS
(73) NXP USA, Inc.
(72) CHANG, Yi Cheng
ISLAM, Muhammad
(31) 201514962696
(32) 08.12.2015
(33) United States of America

(51) G06F 1/14
H04L 12/12
G06F 1/32
H04L 12/26
H04L 29/08
(11) EP3021519
(21) EP15154055.6
(47) 25.07.2018
(22) 06.02.2015
(54) Maintenance method for network connection and computer system
(73) Acer Incorporated
(72) Chen, Kuan-Yu
Liao, Shu-Chun
Tsai, Ching-Ho
(31) 103139204
(32) 12.11.2014
(33) Taiwan, Province of China

(51) G06F 1/16
(11) EP2717115
(21) EP13152806.9
(47) 25.07.2018
(22) 28.01.2013
(54) Stabilization and easy repositioning of a display
(73) ACER Inc.
(72) Sip, Kim-Yeung
(31) 101136720
(32) 04.10.2012
(33) Taiwan, Province of China

(51) G06F 1/16
(11) EP2820528
(21) EP13755431.7
(47) 25.07.2018
(87) SG2013000067
06.09.2013
(22) 21.02.2013
(54) SYSTEMS AND METHODS FOR PRESENTING VISUAL INTERFACE CONTENT
(73) Razer (Asia-Pacific) Pte Ltd.
(72) TAN, Min-Liang
(31) 201213407713
(32) 28.02.2012
(33) United States of America

(51) G06F 1/16
E05D 3/06
E05D 3/12
E05D 3/14
E05D 3/16
(11) EP3155497
(21) EP15732112.6
(47) 25.07.2018
(87) US2015034611
17.12.2015
(22) 08.06.2015
(54) RADIUS HINGE
(73) Microsoft Technology Licensing, LLC
(72) TAZBAZ, Errol M.
(31) 201414303537

(32) 12.06.2014
(33) United States of America

(51) G06F 1/16
G06F 3/01
G06F 3/041
G06F 3/0481
G06F 3/0488
(11) EP2635955
(21) EP11838392.6
(47) 25.07.2018
(87) US2011048507
10.05.2012
(22) 19.08.2011
(54) CONTROL OF VIRTUAL OBJECT USING DEVICE TOUCH INTERFACE FUNCTIONALITY
(73) Sony Interactive Entertainment Inc.
(72) CHEN, Ruxin
(31) 917362
(32) 01.11.2010
(33) United States of America

(51) G06F 1/16
H01H 13/70
H01H 13/88
(11) EP3134796
(21) EP15720155.9
(47) 25.07.2018
(87) US2015026051
29.10.2015
(22) 16.04.2015
(54) INCREASING YIELD WITH TACTILE BUTTON GAP ADJUSTMENT
(73) Microsoft Technology Licensing, LLC
(72) GORDON, Michael C.
(31) 201414260968
(32) 24.04.2014
(33) United States of America

(51) G06F 1/16
H05K 5/04
H05K 5/00
H05K 5/02
H05K 5/03
H04M 1/02
(11) EP2781987
(21) EP14020038.7
(47) 25.07.2018
(22) 20.03.2014
(54) Casing of electronic device and method of manufacturing the same
(73) HTC Corporation
(72) Wu, Tim Chung-Ting
Chuang, Cheng-Chieh
Lu, Chi-Jen
Chu, Chun-Lung
Lin, Chien-Hung
(31) 201361804160 P
201414183534
(32) 21.03.2013
19.02.2014
(33) United States of America
United States of America

(51) G06F 1/30
H04L 29/08
G06F 1/32
(11) EP2918062
(21) EP13795377.4
(47) 25.07.2018
(87) US2013069000
15.05.2014
(22) 07.11.2013
(54) AGGREGATION FRAMEWORK USING LOW-POWER ALERT SENSOR
(73) Microsoft Technology Licensing, LLC
(72) HALLMAN, Kimberly Denise Auyang
TAN, Desney
SNYDER, Ira
GLASKOWSKY, Peter
MYRBERG, Mats
HALL, Michael
KOENIG, Michael
WILSON, Andrew
SHIRAKYAN, Greg
DYOR, Matthew
(31) 201213671370
(32) 07.11.2012
(33) United States of America

(51) G06F 1/32
(11) EP2353279
(21) EP09825293.5
(47) 25.07.2018
(87) US2009063034
14.05.2010
(22) 03.11.2009
(54) POWER MANAGEMENT FOR A COMMUNICATIONS SYSTEM
(73) Unify Inc.
(72) CASPI, Rami
BLOHM, Jeffrey
(31) 264923
(32) 05.11.2008
(33) United States of America

(51) G06F 1/32
G06F 9/48
(11) EP2778840
(21) EP14159095.0
(47) 25.07.2018
(22) 12.03.2014
(54) Techniques for power saving on graphics-related workloads
(73) Intel Corporation
(72) Panneer, Selvakumar
Thomas, Tion A.
Schluessler, Travis T.
Leibel, Adam Z.
(31) 201313797876
(32) 12.03.2013
(33) United States of America

(51) G06F 3/00
G06F 3/048
G05B 23/02
(11) EP3049891
(21) EP13894393.1
(47) 25.07.2018
(87) US2013061596
02.04.2015
(22) 25.09.2013
(54) ALARM DISPLAYING METHOD AND APPARATUS
(73) Schneider Electric Buildings LLC
(72) OLSSON, Per-Ola
HAVENBERG, Johan
RANTZOW, Pontus
CAMPART, Fernando Cano

(51) G06F 3/01
G02B 27/01
G06T 19/00
G02B 27/00
(11) EP3014338
(21) EP14740019.6
(47) 25.07.2018
(87) US2014042881
31.12.2014
(22) 18.06.2014
(54) TRACKING HEAD MOVEMENT WHEN WEARING MOBILE DEVICE
(73) Microsoft Technology Licensing, LLC
(72) ACKERMAN, Nathan
STEEDLY, Drew
HODGE, Andy
KIPMAN, Alex Aben-Athar
(31) 201313925314
(32) 24.06.2013
(33) United States of America

(51) G06F 3/01
G06F 3/02
G06F 3/041
G06F 1/16
H04M 1/02
H04M 1/725
(11) EP2853980
(21) EP14162773.7
(47) 25.07.2018
(22) 31.03.2014
(54) Mobile terminal and operating method thereof
(73) LG Electronics Inc.
(72) Lee, Byunghwa
Choi, Hyunho
Yang, Kyungtae
Baek, Seoungho
(31) 20130115392
(32) 27.09.2013
(33) Korea (Republic)

(51) G06F 3/01
G06F 3/038
G06F 3/0346
(11) EP3008547
(21) EP14732124.4
(47) 25.07.2018
(87) EP2014062182
18.12.2014
(22) 12.06.2014
(54) DEVICE TO ANALYSE THE MOVEMENT OF A MOBILE ELEMENT AND CORRESPONDING METHOD
(73) Movea
(72) CARITU, Yanis
(31) 1355570
(32) 14.06.2013
(33) France

(51) G06F 3/01
G06F 3/0481
G06T 7/20
G02B 27/01
G06K 9/00
G06T 7/60
G06K 9/20
G06K 9/46
G06K 9/62
G06T 7/246
G06T 19/00
(11) EP3137975
(21) EP15723076.4
(47) 25.07.2018

(87) US2015027860
05.11.2015
(22) 28.04.2015
(54) DETERMINING COORDINATE FRAMES IN A DYNAMIC ENVIRONMENT
(73) Microsoft Technology Licensing, LLC
(72) POULOS, Adam G.
TOMLIN, Arthur
AMBRUS, Tony
COLE, Jeffrey
MCLNTYRE, Ian Douglas
STEEDLY, Drew
SCHAFFALITZKY, Frederik
KLEIN, Georg
MULCAHY, Kathleen P.
(31) 201414267755
(32) 01.05.2014
(33) United States of America

(51) G06F 3/01
G06F 17/21
(11) EP2745188
(21) EP12745496.5
(47) 25.07.2018
(87) EP2012065758
28.02.2013
(22) 10.08.2012
(54) METHOD FOR GAZE-CONTROLLED TEXT SIZE
(73) Thomson Licensing
(72) LEROY, Arnaud
FLEUREAU, Julien
GUILLOTEL, Philippe
(31) 11290378
(32) 19.08.2011
(33) European Patent Office (EPO)

(51) G06F 3/01
G06F 21/31
G06F 3/042
G06F 21/62
(11) EP2306363
(21) EP10172970.5
(47) 25.07.2018
(22) 16.08.2010
(54) Multi-touch surface interaction
(73) NCR Corporation
(72) Black, Jonathan
(31) 570405
(32) 30.09.2009
(33) United States of America

(51) G06F 3/01
G09B 21/00
(11) EP3155501
(21) EP15730927.9
(47) 25.07.2018
(87) US2015034610
17.12.2015
(22) 08.06.2015
(54) ACCESSIBILITY DETECTION OF CONTENT PROPERTIES THROUGH TACTILE INTERACTIONS
(73) Microsoft Technology Licensing, LLC
(72) CAMPBELL, John
(31) 201414302230
(32) 11.06.2014
(33) United States of America

(51) G06F 3/02
H01H 13/705
H01H 13/86
(11) EP2622435
(21) EP11764250.4
(47) 25.07.2018
(87) GB2011051709
05.04.2012
(22) 13.09.2011
(54) A KEYPAD
(73) Davies, Sarah Jayne
(72) Davies, Sarah Jayne
(31) 201016187
(32) 27.09.2010
(33) United Kingdom

(51) G06F 3/023
(11) EP2759912
(21) EP13153153.5
(47) 25.07.2018
(22) 29.01.2013
(54) Apparatus and method pertaining to predicted-text entry
(73) BlackBerry Limited
(72) Danzinger, Wilfried Richard Alexander
Moerkerken, Gerry Pieter

(51) G06F 3/033
G06F 3/0338
G06F 3/0354
(11) EP3105662
(21) EP15704929.7
(47) 25.07.2018
(87) US2015014945
20.08.2015
(22) 09.02.2015
(54) LOW-PROFILE POINTING STICK
(73) Microsoft Technology Licensing, LLC
(72) FUKUMOTO, Masaaki
(31) 201414180177
(32) 13.02.2014
(33) United States of America

(51) G06F 3/033
G06F 3/041
G06F 3/048
(11) EP2523072
(21) EP11165348.1
(47) 25.07.2018
(22) 09.05.2011
(54) Multi-modal user input device
(73) BlackBerry Limited
(72) Bos, Jeffrey Charles
Los, Oleg

(51) G06F 3/033
G06F 3/048
(11) EP2284659
(21) EP10011506.2
(47) 25.07.2018
(22) 21.06.2004
(54) GRAPHICAL USER INTERFACE SYSTEM AND METHOD OF DISPLAYING OBJECTS IN A GRAPHICAL USER INTERFACE
(73) Apple Inc.
(72) Ording, Bas
Louch, John
(31) 465855
689687
(32) 20.06.2003
22.10.2003
(33) United States of America
United States of America

(51) G06F 3/041
G06F 3/044
(11) EP2905682
(21) EP14187472.7
(47) 25.07.2018
(22) 02.10.2014
(54) Display device with integrated touch screen and driving method thereof
(73) LG Display Co., Ltd.
(72) Kim, Sun Yeop
Yu, Jae Sung
Lee, Young Joon
Oh, Nam Hun
(31) 20130169317
(32) 31.12.2013
(33) Korea (Republic)

(51) G06F 3/041
G06F 3/044
G02F 1/1333
G09G 3/3208
G09G 3/36
(11) EP2975498
(21) EP14198464.1
(47) 25.07.2018
(22) 17.12.2014
(54) In-cell touch display device
(73) LG Display Co., Ltd.
(72) Lee, KiJeong
Kwon, KeukSang
Park, SeungChul
(31) 20140090038
(32) 16.07.2014
(33) Korea (Republic)

(51) G06F 3/041
G06F 3/044
H01L 31/0224
(11) EP2937766
(21) EP14857911.3
(47) 25.07.2018
(87) KR2014010526
07.05.2015
(22) 04.11.2014
(54) CONDUCTIVE STRUCTURE AND PREPARATION METHOD THEREFOR
(73) LG Chem, Ltd.
(72) YOON, Junghwan
LIM, Jin Hyong
KIM, Yong Chan
LEE, Ilha
KIM, Ki-Hwan
(31) 20130133201
(32) 04.11.2013
(33) Korea (Republic)

(51) G06F 3/041
G06F 3/0488
G06F 3/0487
(11) EP2310930
(21) EP09765957.7
(47) 25.07.2018
(87) FI2009050254
23.12.2009
(22) 03.04.2009
(54) APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT FOR MANIPULATING A DEVICE USING DUAL SIDE INPUT DEVICES
(73) Nokia Technologies Oy
(72) NURMI, Mikko

RAUTAVA, Mika
(31) 141490
(32) 18.06.2008
(33) United States of America

(51) G06F 3/041
G06F 17/24
G06K 9/00
G06K 9/22
G06F 3/0488
G06F 3/0354
G06T 11/20
(11) EP3195094
(21) EP15775037.3
(47) 25.07.2018
(87) US2015050097
24.03.2016
(22) 15.09.2015
(54) SMOOTHING AND RENDERING OF DIGITAL INK
(73) Microsoft Technology Licensing, LLC
(72) BONACINA, Silvano
UZELAC, Aleksander
HODGES, Austin Bradley
ABZARIAN, David
SU, Fei
COHEN, Miles M.
HODSDON, Anthony John Rolls
(31) 201414486735
(32) 15.09.2014
(33) United States of America

(51) G06F 3/041
H04B 1/40
G06F 3/044
H04M 1/02
(11) EP2243069
(21) EP08866910.6
(47) 25.07.2018
(87) US2008086904
09.07.2009
(22) 16.12.2008
(54) TRANSLUCENT TOUCH SCREENS INCLUDING INVISIBLE ELECTRONIC COMPONENT CONNECTIONS
(73) Google Technology Holdings LLC
(72) YANG, Jung Sik
KAISTHA, Amit
PARK, Chan Woo
WIENKE, Matthew B.
(31) 962531
(32) 21.12.2007
(33) United States of America

(51) G06F 3/042
(11) EP1591880
(21) EP05103323.1
(47) 25.07.2018
(22) 25.04.2005
(54) Data input devices and methods for detecting movement of a tracking surface by a speckle pattern
(73) Microsoft Technology Licensing, LLC
(72) Ranta, Craig Steven
Lutian, John Michael
(31) 837052
(32) 30.04.2004
(33) United States of America

(51) G06F 3/042
G06F 3/0354
(11) EP3117294
(21) EP15711937.1
(47) 25.07.2018
(87) US2015018253
17.09.2015
(22) 02.03.2015
(54) SYSTEM AND METHOD FOR OPTICALLY-BASED ACTIVE STYLUS INPUT RECOGNITION
(73) Qualcomm Incorporated
(72) CUI, Xiquan
GOUSEV, Evgeni Petrovich
GRUHLKE, Russell Wayne
(31) 201414204989
(32) 11.03.2014
(33) United States of America

(51) G06F 3/048
(11) EP2557488
(21) EP11765264.4
(47) 25.07.2018
(87) JP2011051439
13.10.2011
(22) 26.01.2011
(54) INFORMATION PROCESSING DEVICE
(73) Sony Interactive Entertainment Inc.
(72) TSUDA, Munetaka
HIRAMATSU, Shuji
ENOMOTO, Shigeru
KOBAYASHI, Motoki
MORITA, Toru
(31) 2010147943
2010090991
(32) 29.06.2010
09.04.2010
(33) Japan
Japan

(51) G06F 3/0481
G06F 3/0484
G06F 3/0488
H04M 1/725
(11) EP2721807
(21) EP12733787.1
(47) 25.07.2018
(87) FI2012050552
20.12.2012
(22) 05.06.2012
(54) METHOD AND APPARATUS FOR PROVIDING A NOTIFICATION MECHANISM
(73) Nokia Technologies Oy
(72) REZENDE, Antonio Pedro
SCHNEIDER, Guilherme
JUNKKONEN, Laura
PRAKASH, Priya
(31) 201161632809 P
(32) 17.06.2011
(33) United States of America

(51) G06F 3/0485
G06F 3/0488
(11) EP3114551
(21) EP14709551.7
(47) 25.07.2018
(87) EP2014000583
11.09.2015
(22) 06.03.2014
(54) METHOD FOR CONTROLLING A DISPLAY DEVICE AT THE EDGE OF AN INFORMATION ELEMENT TO BE DISPLAYED
(73) Unify GmbH & Co. KG
(72) LEDERER, Thomas

(51) G06F 3/0485
G06K 9/00
G06F 3/0484
G06F 3/01
G02B 27/01
G02B 27/00
G01S 17/66
A61B 3/113
(11) EP2783252
(21) EP12851095.5
(47) 25.07.2018
(87) US2012062933
30.05.2013
(22) 01.11.2012
(54) METHOD OF USING EYE-TRACKING TO CENTER IMAGE CONTENT IN A DISPLAY
(73) Google LLC
(72) WHEELER, Aaron, Joseph
GOMEZ, Luis, Ricardo Prada
RAFFLE, Hayes, Solos
(31) 201113302916
(32) 22.11.2011
(33) United States of America

(51) G06F 3/0487
G06F 3/01
G06F 3/0481
G06F 3/0482
(11) EP3008567
(21) EP14733485.8
(47) 25.07.2018
(87) US2014041121
18.12.2014
(22) 05.06.2014
(54) USER FOCUS CONTROLLED GRAPHICAL USER INTERFACE USING AN HEAD MOUNTED DEVICE
(73) Microsoft Technology Licensing, LLC
(72) MULCAHY, Kathleen
BURNS, Aaron
OMOTANI, Todd
WILLIAMS, Felicia
COLE, Jeff
PSIAKI, Tim
(31) 201313916193
(32) 12.06.2013
(33) United States of America

(51) G06F 3/12
G06F 17/21
G06K 15/02
(11) EP2585902
(21) EP11798695.0
(47) 25.07.2018
(87) US2011041031
29.12.2011
(22) 20.06.2011
(54) OPTIMIZED FONT SUBSETTING FOR A PRINT PATH
(73) Microsoft Technology Licensing, LLC
(72) GURCAN, Ahmet
WIDJAJA, Herman
IVANOV, Hristo
SINGH, Harvinder
VEDBRAT, Kanwal
KNAUFF, Adam
LU, Jianye

(31) 820454
(32) 22.06.2010
(33) United States of America

(51) G06F 3/16
G06F 3/0484
G06F 3/01
(11) EP2917824
(21) EP13783688.8
(47) 25.07.2018
(87) JP2013005859
15.05.2014
(22) 01.10.2013
(54) INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM
(73) Sony Corporation
(72) OHMURA, Junki
KOHNO, Michinari
IKEDA, Takuo
OKADA, Kenichi
(31) 2012246118
(32) 08.11.2012
(33) Japan

(51) G06F 7/04
G06F 7/06
G06F 7/00
(11) EP2108146
(21) EP08828497.1
(47) 25.07.2018
(87) US2008051814
05.03.2009
(22) 23.01.2008
(54) CONTROLLING DISTRIBUTION AND USE OF DIGITAL IDENTITY REPRESENTATIONS
(73) Microsoft Technology Licensing, LLC
(72) SHEWCHUK, John
CAMERON, Kim
NANDA, Arun
XIE, Xiao
(31) 886894 P
952890
(32) 26.01.2007
07.12.2007
(33) United States of America
United States of America

(51) G06F 7/70
G01P 21/00
(11) EP2959376
(21) EP13875911.3
(47) 25.07.2018
(87) US2013054943
28.08.2014
(22) 14.08.2013
(54) SYSTEMS AND METHODS FOR 3-AXIS ACCELEROMETER CALIBRATION WITH VERTICAL SAMPLE BUFFERS
(73) Calamp Corp.
(72) HERGESHEIMER, Peter
SPRAGUE, Todd
DIAGNEKOV, Alexandre
(31) 201313770920
(32) 19.02.2013
(33) United States of America

(51) G06F 7/72
(11) EP2887206
(21) EP14198456.7
(47) 25.07.2018
(22) 17.12.2014
(54) Optimized hardware architecture and method for ECC point doubling using Jacobian coordinates over short Weierstrass curves
(73) NXP B.V.
(72) Knezevic, Miroslav
Nikov, Ventzislav
(31) 201314139849
(32) 23.12.2013
(33) United States of America

(51) G06F 7/72
H04L 9/08
(11) EP2771782
(21) EP12783117.0
(47) 25.07.2018
(87) EP2012004477
02.05.2013
(22) 25.10.2012
(54) EFFICIENT PRIMALITY CHECKING
(73) Giesecke+Devrient Mobile Security GmbH
(72) PULKUS, Jürgen
(31) 102011117236
(32) 28.10.2011
(33) Germany

(51) G06F 8/38
(11) EP1603034
(21) EP05104723.1
(47) 25.07.2018
(22) 01.06.2005
(54) Method and apparatus for generating user interfaces based upon automation with full flexibility
(73) Microsoft Technology Licensing, LLC
(72) Kristiansen, Freddy
Moller-Pedersen, Jens
Hansen, Jesper Theil
Bendsen, Per
Christensen, Peter
Sloth, Peter
Villadsen, Peter
Kjall, Uffe
(31) 860306
(32) 03.06.2004
(33) United States of America

(51) G06F 8/41
G06F 8/75
(11) EP2350867
(21) EP09818475.7
(47) 25.07.2018
(87) US2009059112
08.04.2010
(22) 30.09.2009
(54) TREE-BASED DIRECTED GRAPH PROGRAMMING STRUCTURES FOR A DECLARATIVE PROGRAMMING LANGUAGE
(73) Microsoft Technology Licensing, LLC
(72) LANGWORTHY, David E.
HAMBY, John L.
LOVERING, Bradford H.
BOX, Donald F.
(31) 244959
(32) 03.10.2008
(33) United States of America

(51) G06F 9/30
(11) EP2972792
(21) EP14730231.9
(47) 25.07.2018
(87) US2014023849
25.09.2014
(22) 12.03.2014
(54) VECTOR INDIRECT ELEMENT VERTICAL ADDRESSING MODE WITH HORIZONTAL PERMUTE
(73) Qualcomm Incorporated
(72) INGLE, Ajay, Anant
HOYLE, David, J.
HOFFMAN, Marc, M.
(31) 201313834785
(32) 15.03.2013
(33) United States of America

(51) G06F 9/38
(11) EP3183646
(21) EP15751211.2
(47) 25.07.2018
(87) US2015043649
25.02.2016
(22) 04.08.2015
(54) SKIPPING OF DATA STORAGE
(73) Qualcomm Incorporated
(72) DU, Yun
CHEN, Lin
GRUBER, Andrew Evan
ZHANG, Chihong
YU, Chun
(31) 201414462932
(32) 19.08.2014
(33) United States of America

(51) G06F 9/44
(11) EP2756396
(21) EP12831917.5
(47) 25.07.2018
(87) US2012054351
21.03.2013
(22) 10.09.2012
(54) SIMULATION OF STATIC MEMBERS AND PARAMETERIZED CONSTRUCTORS ON AN INTERFACE-BASED API
(73) Microsoft Technology Licensing, LLC
(72) FARKAS, Shawn
KAPLAN, Jesse D.
PROSEK, Ladislav
BYERS, Richard M.
BYINGTON, Ryan A.
(31) 201161533747 P
201213350552
(32) 12.09.2011
13.01.2012
(33) United States of America
United States of America

(51) G06F 9/44
(11) EP3117304
(21) EP15714028.6
(47) 25.07.2018
(87) IB2015051740
17.09.2015
(22) 10.03.2015
(54) METHODS AND SYSTEMS FOR DYNAMIC RUNTIME GENERATION OF CUSTOMIZED APPLICATIONS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) TORGEMANE, Henri
HALSTED, Benjamin
UNTER ECKER, Oliver

(31) 201461951514 P
201414287904
(32) 11.03.2014
27.05.2014
(33) United States of America
United States of America

(51) G06F 9/44
G06F 8/30
(11) EP3028149
(21) EP14749991.7
(47) 25.07.2018
(87) GB2014052377
05.02.2015
(22) 01.08.2014
(54) SOFTWARE DEVELOPMENT TOOL
(73) SEGGER Microcontroller GmbH
(72) EDWARDS, David Alan
YOUNG, Martin Charles
(31) 201313902
(32) 02.08.2013
(33) United Kingdom

(51) G06F 9/44
G06F 21/56
G06F 21/57
H04W 4/00
H04W 12/12
H04L 29/06
(11) EP3095220
(21) EP14703979.6
(47) 25.07.2018
(87) US2014011668
23.07.2015
(22) 15.01.2014
(54) EVALUATING APPLICATION INTEGRITY
(73) Citrix Systems, Inc.
(72) QURESHI, Waheed
(31) 201414154590
(32) 14.01.2014
(33) United States of America

(51) G06F 9/445
H04B 5/00
G06F 11/07
H04M 1/725
G06F 8/61
(11) EP2825956
(21) EP12883465.2
(47) 25.07.2018
(87) CN2012080680
06.03.2014
(22) 29.08.2012
(54) METHOD, APPARATUS AND SYSTEM OF RECOVERING AN OPERATING SYSTEM ON A PORTABLE COMMUNICATION DEVICE
(73) Intel Corporation
(72) YAO, Jiewen, Jacques
SONG, Chuan, Edmund
ZHANG, Haili, Harry
YANG, Wenlong

(51) G06F 9/451
G06T 11/60
G06F 3/0484
H04N 1/387
(11) EP2293187
(21) EP10184651.7
(47) 25.07.2018
(22) 10.09.2004
(54) Image cropping system and method
(73) Cimpress Schweiz GmbH
(72) Walker, Kenneth A., Jr.
Schowtka, Alexander K.
(31) 713446
(32) 14.11.2003
(33) United States of America

(51) G06F 9/455
G06F 9/50
(11) EP3037964
(21) EP14199700.7
(47) 25.07.2018
(22) 22.12.2014
(54) Virtual application manager in a cloud computing environment
(73) Rovio Entertainment Ltd
(72) Salokanto, Heikki
Laukka, Mika

(51) G06F 9/46
(11) EP2825957
(21) EP13714791.4
(47) 25.07.2018
(87) US2013032444
19.09.2013
(22) 15.03.2013
(54) SYSTEMS AND METHODS FOR SUPPORTING INLINE DELEGATION OF MIDDLE-TIER TRANSACTION LOGS TO DATABASE
(73) Oracle International Corporation
(72) PARKINSON, Paul
LITTLE, Todd J.
ROESCH, Stefan Heinrich
COLRAIN, Carol Lyndall
HEEREN, Edward
(31) 201261612144 P
201361774356 P
201313828490
201313828590
(32) 16.03.2012
07.03.2013
14.03.2013
14.03.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) G06F 9/46
H04L 12/26
H04L 29/08
(11) EP2524310
(21) EP11700105.7
(47) 25.07.2018
(87) US2011020019
21.07.2011
(22) 03.01.2011
(54) METHOD AND APPARATUS FOR IDLING A NETWORK CONNECTION
(73) Apple Inc.
(72) MASPUTRA, Cahya A.
VAN MILLIGAN, Michael R.
GRAESSLEY, Joshua V.
(31) 857427
295622 P
(32) 16.08.2010
15.01.2010
(33) United States of America
United States of America

(51) G06F 9/46
H04L 29/06
G06F 9/54
(11) EP1766921
(21) EP05750046.4
(47) 25.07.2018
(87) US2005017448
01.12.2005
(22) 18.05.2005
(54) METHOD AND APPARATUS FOR REMOTE MANAGEMENT
(73) CA, Inc.
(72) GASSOWAY, Paul
(31) 573592 P
(32) 21.05.2004
(33) United States of America

(51) G06F 9/48
G06F 9/54
G06F 1/32
(11) EP3084603
(21) EP14825491.5
(47) 25.07.2018
(87) US2014068661
25.06.2015
(22) 04.12.2014
(54) SYSTEM AND METHOD FOR SUPPORTING ADAPTIVE BUSY WAIT IN A COMPUTING ENVIRONMENT
(73) Oracle International Corporation
(72) FALCO, Mark A.
(31) 201361917709 P
201414449357
(32) 18.12.2013
01.08.2014
(33) United States of America
United States of America

(51) G06F 9/48
G06F 15/167
G06F 12/08
G06F 13/10
G06F 9/54
G06F 12/14
(11) EP2798455
(21) EP11878425.5
(47) 25.07.2018
(87) US2011068032
04.07.2013
(22) 30.12.2011
(54) DIRECT RING 3 SUBMISSION OF PROCESSING JOBS TO ADJUNCT PROCESSORS
(73) Intel Corporation
(72) KOKER, Altug
NAVALE, Aditya
VEMBU, Balaji
RAMADOSS, Murali

(51) G06F 9/54
H04L 12/44
H04L 12/863
(11) EP3198437
(21) EP15778860.5
(47) 25.07.2018
(87) AT2015050233
31.03.2016
(22) 21.09.2015
(54) STATIC MESSAGE PLACEMENT IN QUEUES BASED ON AN APRIORI DEFINED PLACEMENT PLAN

(73) FTS Computertechnik GmbH
(72) STEINER, Wilfried
BAUER, Günther
(31) 506752014
(32) 22.09.2014
(33) Austria

(51) G06F 9/54
H04L 29/06
G06F 9/44
G06Q 30/06
G06Q 40/04
H04L 29/08
(11) EP1168171
(21) EP01115219.6
(47) 25.07.2018
(22) 22.06.2001
(54) Autonomous network service configuration
(73) Microsoft Technology Licensing, LLC
(72) Belfiore, Joseph D.
Maritz, Paul A.
Campbell, David G.
Mital, Amit
Capps, Steve
Rudder, Eric D.
Cellini, Steven M.
Short, Keith W.
Fitzgerald, Charles T.
Singh, Kaviraj
Gundotra, Vivek
Spiro, Peter M.
Lucovsky, Mark H.
Trower, Tandy W.
Vaskevitch, David
(31) 213562 P
666572
(32) 22.06.2000
21.09.2000
(33) United States of America
United States of America

(51) G06F 11/10
(11) EP2780808
(21) EP12805828.6
(47) 25.07.2018
(87) US2012065919
23.05.2013
(22) 19.11.2012
(54) DATA ENCODER AND DECODER USING MEMORY-SPECIFIC PARITY-CHECK MATRIX
(73) SanDisk Technologies LLC
(72) FRAYER, Jack, Edward
OLBRICH, Aaron, Keith
(31) 201161561804 P
201213679970
(32) 18.11.2011
16.11.2012
(33) United States of America
United States of America

(51) G06F 11/20
G06F 11/07
(11) EP3191959
(21) EP15775030.8
(47) 25.07.2018
(87) US2015049548
17.03.2016
(22) 11.09.2015
(54) SCALABLE DATA STORAGE POOLS
(73) Microsoft Technology Licensing, LLC
(72) VENTURA, Ashley P.
RAMANI, Tarun
MEHRA, Karan
RAJPAL, Shiv Kumar
HAVEWALA, Sarosh C.
(31) 201414485497
(32) 12.09.2014
(33) United States of America

(51) G06F 11/30
G06F 12/08
H04L 29/08
G06F 11/34
(11) EP3084589
(21) EP13899612.9
(47) 25.07.2018
(87) US2013077097
25.06.2015
(22) 20.12.2013
(54) CROWD SOURCED ONLINE APPLICATION CACHE MANAGEMENT
(73) Intel Corporation
(72) WOUHAYBI, Rita, H.
LI, Hong

(51) G06F 11/32
G06F 11/00
G05B 23/02
(11) EP1857941
(21) EP07251890.5
(47) 25.07.2018
(22) 04.05.2007
(54) Collaborative web-based airplane level failure effects analysis tool
(73) The Boeing Company
(72) King, Kevin N.
Ramesh, Anapathur V.
Schultz, Larry R
Sharma, Tilak C
Twigg, David W
(31) 436330
(32) 18.05.2006
(33) United States of America

(51) G06F 11/34
G06F 11/30
G06F 11/07
(11) EP3214547
(21) EP16193075.5
(47) 25.07.2018
(22) 10.10.2016
(54) DATA LOGGING APPARATUS
(73) LSIS Co., Ltd.
(72) JANG, Sung-Jin
(31) 20160025751
(32) 03.03.2016
(33) Korea (Republic)

(51) G06F 11/34
G06F 17/40
G06F 8/41
G06F 11/30
G06F 11/32
(11) EP2831740
(21) EP13770010.0
(47) 25.07.2018
(87) US2013030308
03.10.2013
(22) 12.03.2013
(54) LOGICAL GROUPING OF PROFILE DATA
(73) Microsoft Technology Licensing, LLC
(72) ERGAN, Cenk
FANNING, Michael C.
(31) 201213430968
(32) 27.03.2012
(33) United States of America

(51) G06F 12/00
G06F 17/30
G06F 12/02
G06F 3/12
(11) EP2400396
(21) EP09840384.3
(47) 25.07.2018
(87) JP2009057280
26.08.2010
(22) 09.04.2009
(54) DATA UPDATE DEVICE, AND PRINTER DEVICE
(73) Sato Holdings Kabushiki Kaisha
(72) DAHLBERG, Martin
WIBECK, Magnus
(31) 2009039052
(32) 23.02.2009
(33) Japan

(51) G06F 12/1081
G06F 12/14
G06F 21/79
G06F 21/85
(11) EP2758884
(21) EP12773164.4
(47) 25.07.2018
(87) US2012056898
28.03.2013
(22) 24.09.2012
(54) INPUT/OUTPUT MEMORY MANAGEMENT UNIT WITH PROTECTION MODE FOR PREVENTING MEMORY ACCESS BY I/O DEVICES
(73) Advanced Micro Devices, Inc.
(72) KEGEL, Andrew G.
PEREZ, Ronald
HUANG, Wei
(31) 201113244571
(32) 25.09.2011
(33) United States of America

(51) G06F 13/00
H04N 5/445
(11) EP1468365
(21) EP02789440.1
(47) 25.07.2018
(87) US2002035475
03.07.2003
(22) 05.11.2002
(54) SYSTEM AND METHOD FOR UPDATING INFORMATION IN AN ELECTRONIC PORTABLE DEVICE
(73) Universal Electronics, Inc.
(72) LILLENESS, Robert, P.
HUANG, Steve, LanPing
HAYES, Patrick, H.
(31) 344020 P
378902 P
390286 P
(32) 20.12.2001
08.05.2002
20.06.2002
(33) United States of America
United States of America
United States of America

(51) G06F 13/10
H04L 12/16
G06F 3/16
(11) EP2291749
(21) EP09798506.3
(47) 25.07.2018
(87) US2009048343
21.01.2010
(22) 23.06.2009
(54) EXPOSING MULTI-MODE AUDIO DEVICE AS A SINGLE COHERENT AUDIO DEVICE
(73) Microsoft Technology Licensing, LLC
(72) LIU, Cheng-mean
OMIYA, Elliot H .
SISOLAK, Daniel J .
YERRACE , Frank Dominic
(31) 144615
(32) 23.06.2008
(33) United States of America

(51) G06F 13/14
G06F 13/38
G06F 11/34
G06F 11/30
(11) EP2981898
(21) EP13881062.7
(47) 25.07.2018
(87) US2013035172
09.10.2014
(22) 03.04.2013
(54) MICROCONTROLLER AT A CARTRIDGE OF A CHASSIS
(73) Hewlett Packard Enterprise Development LP
(72) BROWN, Andrew
HANSEN, Peter
ALANIZ, Leopoldo
HUA, Chanh V.

(51) G06F 13/16
G06F 9/48
(11) EP2580669
(21) EP11726553.8
(47) 25.07.2018
(87) US2011038526
15.12.2011
(22) 31.05.2011
(54) MULTITHREAD APPLICATION-AWARE MEMORY SCHEDULING SCHEME FOR MULTI-CORE PROCESSORS
(73) Advanced Micro Devices, Inc.
(72) CHUNG, Jaewoong
(31) 795871
(32) 08.06.2010
(33) United States of America

(51) G06F 15/16
(11) EP1836815
(21) EP06718440.8
(47) 25.07.2018
(87) US2006001363
20.07.2006
(22) 12.01.2006
(54) DYNAMIC AND INTELLIGENT BUFFER MANAGEMENT FOR SAN EXTENSION
(73) Cisco Technology, Inc.
(72) SUNDARAM, Ganesh
DIAB, John
AMIN, Hitesh
RYLE, Thomas, Eric
(31) 36596
(32) 14.01.2005
(33) United States of America

(51) G06F 15/16
G06F 9/44
G06F 21/57
G06F 21/00
H04L 9/32
(11) EP2791817
(21) EP12858587.4
(47) 25.07.2018
(87) US2012067662
20.06.2013
(22) 04.12.2012
(54) CRYPTOGRAPHIC CERTIFICATION OF SECURE HOSTED EXECUTION ENVIRONMENTS
(73) Microsoft Technology Licensing, LLC
(72) BAUMANN, Andrew A.
HUNT, Galen C.
PEINADO, Marcus
(31) 201113323465
(32) 12.12.2011
(33) United States of America

(51) G06F 15/16
G06F 11/20
(11) EP3022658
(21) EP14728805.4
(47) 25.07.2018
(87) US2014041475
03.12.2015
(22) 09.06.2014
(54) FAILOVER HANDLING IN A CONTENT NODE OF A CONTENT DELIVERY NETWORK
(73) Fastly Inc.
(72) ARAÚJO, João Diogo Taveira
(31) 201414291318
(32) 30.05.2014
(33) United States of America

(51) G06F 15/16
G06T 15/20
(11) EP2972950
(21) EP14769352.7
(47) 25.07.2018
(87) US2014024765
25.09.2014
(22) 12.03.2014
(54) SEGMENTATION OF CONTENT DELIVERY
(73) Daqri, LLC
(72) MULLINS, Brian
(31) 201313840097
(32) 15.03.2013
(33) United States of America

(51) G06F 15/16
H04L 29/06
(11) EP1902379
(21) EP06772506.9
(47) 25.07.2018
(87) US2006022230
25.01.2007
(22) 07.06.2006
(54) NODE-TO-NODE COMMUNICATION PIPELINES
(73) Microsoft Technology Licensing, LLC
(72) PEPIN, Brian K.
MILLER, James S.
RICHTER, Jeffrey
QUINN, Thomas E.
(31) 181614
(32) 14.07.2005
(33) United States of America

(51) G06F 15/16
H04L 29/06
H04L 12/58
H04W 12/02
(11) EP2795477
(21) EP12859586.5
(47) 25.07.2018
(87) US2012070311
27.06.2013
(22) 18.12.2012
(54) PRIVACY SYSTEM
(73) Uthisme LLC
(72) LACHTERMAN, Seth
(31) 201161577323 P
(32) 19.12.2011
(33) United States of America

(51) G06F 15/167
(11) EP2289001
(21) EP09755280.6
(47) 25.07.2018
(87) US2009003315
03.12.2009
(22) 01.06.2009
(54) LOCAL AND GLOBAL DATA SHARE
(73) Advanced Micro Devices, Inc.
(72) MANTOR, Michael J.
EMBERLING, Brian
(31) 57534 P
(32) 30.05.2008
(33) United States of America

(51) G06F 15/173
H04L 29/08
H04L 12/24
G08B 25/00
G08B 25/08
H04L 12/701
H04L 12/725
H04L 12/707
(11) EP1891542
(21) EP06760331.6
(47) 25.07.2018
(87) US2006020043
30.11.2006
(22) 23.05.2006
(54) METHOD AND SYSTEM FOR TRANSMITTING DATA OVER A NETWORK BASED ON EXTERNAL NON-NETWORK STIMULUS
(73) Cisco Technology, Inc.
(72) BELILES, Robert
CHATTERTON, Deon
(31) 138720
(32) 26.05.2005
(33) United States of America

(51) G06F 17/18
G06F 17/30
(11) EP2145264
(21) EP08745701.6
(47) 25.07.2018
(87) US2008060144
23.10.2008
(22) 11.04.2008

(54) CALCULATING IMPORTANCE OF DOCUMENTS FACTORING HISTORICAL IMPORTANCE
(73) Microsoft Technology Licensing, LLC
(72) LIU, Tie-Yan
LI, Hang
QI, Lei
GAO, Bin
YANG, Lei
(31) 734336
(32) 12.04.2007
(33) United States of America

(51) G06F 17/28
(11) EP1262879
(21) EP02011351.0
(47) 25.07.2018
(22) 23.05.2002
(54) AUTOMATIC EXTRACTION OF TRANSFER MAPPINGS FROM BILINGUAL CORPORA
(73) Microsoft Technology Licensing, LLC
(72) Menezes Arul A.
Richardson, Stephen D.
(31) 295338 P
899554
(32) 01.06.2001
05.07.2001
(33) United States of America
United States of America

(51) G06F 17/30
(11) EP2807583
(21) EP12707661.0
(47) 25.07.2018
(87) IL2012050027
01.08.2013
(22) 24.01.2012
(54) A METHOD AND APPARATUS FOR AUTHENTICATION OF FILE READ EVENTS
(73) Varonis Systems, Inc.
(72) FAITELSON, Yakov
KORKUS, Ohad
BASS, David
KAYSAR, Yzhar
GOLDSTEIN, Doron
DAVID, Oren

(51) G06F 17/30
(11) EP2998881
(21) EP14185304.4
(47) 25.07.2018
(22) 18.09.2014
(54) A computer implemented method for dynamic sharding
(73) Amplidata NV
(72) D'Halluin, Carl Rene
De Schrijver, Frederik
Maes, Jochen
Slootmaekers, Romain Raymond Agnes
Trangez, Nicolas
Doms, Jan

(51) G06F 17/30
(11) EP2908255
(21) EP14290034.9
(47) 25.07.2018
(22) 13.02.2014
(54) Increasing search result validity
(73) Amadeus S.A.S.
(72) Legrand, Guillaume
Robelin, Charles-Antoine
Isnardy, Luc
Laburthe, Francois

(51) G06F 17/30
(11) EP3091449
(21) EP15166203.8
(47) 25.07.2018
(22) 04.05.2015
(54) OPERATING A DATABASE SYSTEM
(73) Deloitte Consulting GmbH
(72) Grüner, Alex
Ratzer, Peter
Ryakhovskiy, Konstantin

(51) G06F 17/30
(11) EP1667039
(21) EP05110511.2
(47) 25.07.2018
(22) 09.11.2005
(54) SYSTEM AND METHOD FOR PUBLISHING COLLABORATION ITEMS TO A WEB SITE
(73) Microsoft Technology Licensing, LLC
(72) Balasubramanyan, Balaji
Griffin, William J.
Stocker, Ryan R.
(31) 3817
(32) 02.12.2004
(33) United States of America

(51) G06F 17/30
(11) EP1944702
(21) EP07000468.4
(47) 25.07.2018
(22) 10.01.2007
(54) Updatable navigation database
(73) Harman Becker Automotive Systems GmbH
(72) Wellman, Harald c/o innovative systems GmbH

(51) G06F 17/30
(11) EP1990745
(21) EP08006566.7
(47) 25.07.2018
(22) 31.03.2008
(54) Data object identifiers
(73) SAP SE
(72) Lange, Stephan
Forstmann, Gerd
Batzdorf, Stefan
(31) 800926
(32) 07.05.2007
(33) United States of America

(51) G06F 17/30
(11) EP3127013
(21) EP15716339.5
(47) 25.07.2018
(87) US2015023449
08.10.2015
(22) 31.03.2015
(54) SERVICE GALLERY USER INTERFACE PRESENTATION
(73) Microsoft Technology Licensing, LLC
(72) TOTTEN, Nathan J.
FRANCISCO, Jesse David
SHAKER, Alaa
AIRY, Guruprasad M.
JOSHI, Vishal R.
WELICKI, Leon Ezequiel
HARRIS, Jon
STERLING, Jonah Bush
VAISHNAV, Sunay
BAUMGARDT, Jamey
MCBRIDE, Timothy Michael
DIAS, Alvaro Rahul
STAPLES, William J.
ANAND, Karandeep Singh
ABDELHAMED, Adam Mohamed
DANTON, Stephen Michael
AHMED, Syed Nadir
OLENICK, Brad
(31) 201461974324 P
201414320246
(32) 02.04.2014
30.06.2014
(33) United States of America
United States of America

(51) G06F 17/30
(11) EP1643384
(21) EP05105103.5
(47) 25.07.2018
(22) 10.06.2005
(54) QUERY FORCED INDEXING
(73) Microsoft Technology Licensing, LLC
(72) Guzak, Chris J.
Maloney, Michael J.
Samsonov, Yevgeniy A.
(31) 955937
(32) 30.09.2004
(33) United States of America

(51) G06F 17/30
G06F 12/16
(11) EP2979203
(21) EP14721156.9
(47) 25.07.2018
(87) US2014031533
02.10.2014
(22) 24.03.2014
(54) TRANSACTION PROCESSING USING TORN WRITE DETECTION
(73) Microsoft Technology Licensing, LLC
(72) LARSON, Per-Ake
FITZGERALD, Robert Patrick
DIACONU, Cristian
ZWILLING, Michael James
(31) 201361806337 P
201313892173
(32) 28.03.2013
10.05.2013
(33) United States of America
United States of America

(51) G06F 17/30
G06F 12/16
(11) EP2979205
(21) EP14724881.9
(47) 25.07.2018
(87) US2014031629
02.10.2014
(22) 24.03.2014
(54) RECOVERY PROCESSING USING TORN WRITE DETECTION
(73) Microsoft Technology Licensing, LLC
(72) LARSON, Per-Ake
FITZGERALD, Robert Patrick
DIACONU, Cristian
ZWILLING, Michael James
(31) 201361806337 P
201313892124

(32) 28.03.2013
10.05.2013
(33) United States of America
United States of America

(51) G06F 17/30
G06F 17/22
(11) EP2568398
(21) EP12181341.4
(47) 25.07.2018
(22) 22.08.2012
(54) A system and method for converting a legacy tool file to a markup language file
(73) Tata Consultancy Services Limited
(72) Sucheta, Lakshmi
Vandanam, Veeresh
Vigneswaran, S.
Raju, Sappa
(31) 2493MU2011
(32) 07.09.2011
(33) India

(51) G06F 17/30
G06Q 30/02
(11) EP3055790
(21) EP14806754.9
(47) 25.07.2018
(87) US2014059650
16.04.2015
(22) 08.10.2014
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING CONTEXTUALLY-AWARE VIDEO RECOMMENDATION
(73) Spotify AB
(72) WHITMAN, Brian
RODGER, David
(31) 201361888191 P
(32) 08.10.2013
(33) United States of America

(51) G06F 17/30
H04L 29/08
(11) EP2500832
(21) EP11305278.1
(47) 25.07.2018
(22) 15.03.2011
(54) Method and system for synchronization mechanism on multi-server reservation system
(73) Amadeus S.A.S.
(72) Masini, Vincent
Burdese, Samuel
Pavot, Marc
Daniel, Jerome
Fauser, Dietmar

(51) G06F 17/50
G06T 17/00
G06F 3/00
G06T 15/50
G06T 19/20
(11) EP2241988
(21) EP09290275.8
(47) 25.07.2018
(22) 14.04.2009
(54) Method, program and product edition system for visualizing objects displayed on a computer screen
(73) Dassault Systèmes
(72) Helbing, Marc
Grange, Eric

(51) G06F 19/00
(11) EP2939161
(21) EP13834374.4
(47) 25.07.2018
(87) IB2013061334
03.07.2014
(22) 26.12.2013
(54) MONITOR DEFIBRILLATOR TELEMEDICINE SERVER
(73) Koninklijke Philips N.V.
(72) GUINEY, Patrick
ILLIKKAL, Mashood Puthan Beetil
GRUBE, William Douglas
LANDER, Todd
(31) 201261745833 P
(32) 26.12.2012
(33) United States of America

(51) G06F 19/18
G06F 19/26
G06F 19/28
(11) EP3039597
(21) EP14761819.3
(47) 25.07.2018
(87) EP2014068315
05.03.2015
(22) 28.08.2014
(54) HAPLOTYPING AND COPY NUMBER TYPING USING POLYMORPHIC VARIANT ALLELIC FREQUENCIES
(73) Katholieke Universiteit Leuven
(72) ZAMANI ESTEKI, Masoud
VERMEESCH, Joris
VOET, Thierry
(31) 201361871228 P
201361960922 P
201318369
201361915406 P
(32) 28.08.2013
30.09.2013
17.10.2013
12.12.2013
(33) United States of America
United States of America
United Kingdom
United States of America

(51) G06F 21/00
G06F 21/30
H04L 29/06
(11) EP2751733
(21) EP12827718.3
(47) 25.07.2018
(87) IL2012050334
07.03.2013
(22) 29.08.2012
(54) METHOD AND SYSTEM FOR AUTHORIZING AN ACTION AT A SITE
(73) Securepush Ltd.
(72) GAFNI, Guy
(31) 201113221626
(32) 30.08.2011
(33) United States of America

(51) G06F 21/00
H04L 29/06
(11) EP2545482
(21) EP11707005.2
(47) 25.07.2018
(87) US2011025641
15.09.2011
(22) 22.02.2011
(54) SECURE DYNAMIC AUTHORITY DELEGATION
(73) Alcatel Lucent
(72) FAYNBERG, Igor
LU, Hui-Lan
(31) 723049
(32) 12.03.2010
(33) United States of America

(51) G06F 21/10
(11) EP2608100
(21) EP11818275.7
(47) 25.07.2018
(87) KR2011000514
23.02.2012
(22) 25.01.2011
(54) CLIPBOARD PROTECTION SYSTEM IN DRM ENVIRONMENT AND RECORDING MEDIUM IN WHICH PROGRAM FOR EXECUTING METHOD IN COMPUTER IS RECORDED
(73) Fasoo. Com Co., Ltd
(72) LEE, Hyung-Joo
(31) 20100080938
(32) 20.08.2010
(33) Korea (Republic)

(51) G06F 21/12
G06F 21/57
G06F 21/72
G06F 21/73
G06F 21/76
H04L 9/08
H04L 9/30
H04L 9/32
G06F 9/445
G06F 12/14
(11) EP2350910
(21) EP09827092.9
(47) 25.07.2018
(87) CA2009001686
27.05.2010
(22) 24.11.2009
(54) SYSTEM AND METHOD FOR HARDWARE BASED SECURITY
(73) Certicom Corp.
(72) O'LOUGHLIN, Daniel
SMITH, Keelan
FULLER, Jay, Scott
KU, Joseph
LATTIN, William
STRUIK, Marinus
POELUEV, Yuri
CAMPAGNA, Matthew, J.
STIEMERLING, Thomas
(31) 193391 P
224801 P
(32) 24.11.2008
10.07.2009
(33) United States of America
United States of America

(51) G06F 21/12
G06F 21/62
(11) EP2264640
(21) EP10165197.4
(47) 25.07.2018
(22) 08.06.2010
(54) Feature specific keys for executable code

(73) Uniloc Luxembourg S.A.
(72) Etchegoyen, Craig Stephen
Mordetsky, Joseph Martin
(31) 218602 P
(32) 19.06.2009
(33) United States of America

(51) G06F 21/33
G06F 21/44
G06F 21/64
H04L 29/06
H04W 12/06
H04L 29/08
(11) EP3028207
(21) EP13890655.7
(47) 25.07.2018
(87) US2013053404
05.02.2015
(22) 02.08.2013
(54) COMMUNICATION USING OVER-THE -TOP IDENTITIES WITHOUT CENTRALIZED AUTHORITY
(73) Nokia Solutions and Networks Oy
(72) NARAYANAN, Ram, Lakshmi

(51) G06F 21/33
G06F 21/57
(11) EP2308003
(21) EP09769411.1
(47) 25.07.2018
(87) FI2009050489
30.12.2009
(22) 10.06.2009
(54) VERIFICATION KEY HANDLING
(73) Nokia Technologies Oy
(72) EKBERG, Jan-Erik
KYLÄNPÄÄ, Markku
(31) 214984
(32) 23.06.2008
(33) United States of America

(51) G06F 21/33
H04L 29/06
(11) EP2310975
(21) EP09767440.2
(47) 25.07.2018
(87) US2009045989
23.12.2009
(22) 02.06.2009
(54) OBTAINING DIGITAL IDENTITIES OR TOKENS THROUGH INDEPENDENT ENDPOINT RESOLUTION
(73) Microsoft Technology Licensing, LLC
(72) NANDA, Arun, K.
SHARIF, Tariq
(31) 141515
(32) 18.06.2008
(33) United States of America

(51) G06F 21/50
G06F 15/16
G06F 21/56
G06F 21/55
H04L 29/06
H04L 29/08
H04L 9/32
(11) EP3049983
(21) EP13894553.0
(47) 25.07.2018
(87) US2013061388
02.04.2015
(22) 24.09.2013
(54) ADAPTIVE AND RECURSIVE FILTERING FOR SAMPLE SUBMISSION
(73) McAfee, LLC
(72) MUTTIK, Igor

(51) G06F 21/53
G06F 9/455
G06F 21/62
(11) EP3029592
(21) EP15203214.0
(47) 25.07.2018
(22) 18.08.2011
(54) SYSTEMS AND METHODS FOR SECURING VIRTUAL MACHINE COMPUTING ENVIRONMENTS
(73) Security First Corp.
(72) Staker, Matthew
O'Hare, Mark S.
Mumaugh, John Robert
Orsini, Rick L.
(31) 374950 P
(32) 18.08.2010
(33) United States of America

(51) G06F 21/55
G06F 21/79
H04W 12/12
(11) EP2456247
(21) EP10182197.3
(47) 25.07.2018
(22) 29.09.2010
(54) System and method for hindering a cold boot attack
(73) Certicom Corp.
BlackBerry Limited
(72) Adams, Neil Patrick
Brown, Michael Stephen
Lambert, Robert John
Menezes, Alfred John

(51) G06F 21/56
(11) EP3014512
(21) EP14740059.2
(47) 25.07.2018
(87) US2014043555
31.12.2014
(22) 23.06.2014
(54) REVERSE REPLICATION TO ROLLBACK CORRUPTED FILES
(73) Microsoft Technology Licensing, LLC
(72) SEINFELD, Marc E.
SPEKTOR, Daron
ZINTEL, William M.
MARINESCU, Adrian M.
(31) 201313926674
(32) 25.06.2013
(33) United States of America

(51) G06F 21/56
(11) EP2529328
(21) EP10805563.3
(47) 25.07.2018
(87) US2010062185
04.08.2011
(22) 28.12.2010
(54) SYSTEMS AND METHODS FOR SHARING THE RESULTS OF COMPUTING OPERATIONS AMONG RELATED COMPUTING SYSTEMS
(73) Symantec Corporation
(72) MEYER, James
BUCHES, David
MCCORKENDALE, Bruce
SOBEL, WIlliam
(31) 696970
(32) 29.01.2010
(33) United States of America

(51) G06F 21/60
G06F 21/62
(11) EP2153369
(21) EP08747971.3
(47) 25.07.2018
(87) AU2008000702
27.11.2008
(22) 19.05.2008
(54) SECURITY TOKEN AND SYSTEM AND METHOD FOR GENERATING AND DECODING THE SECURITY TOKEN
(73) Secure Keys Pty Limited
(72) FINLAYSON, David, Ian
STOCKS, Mark, Alexander
(31) 2007902671 P
(32) 18.05.2007
(33) Australia

(51) G06F 21/60
H04L 9/30
H04L 9/14
G06F 21/32
H04L 9/32
H04L 29/06
H04L 9/08
(11) EP2810402
(21) EP13703125.8
(47) 25.07.2018
(87) GB2013050229
08.08.2013
(22) 01.02.2013
(54) A METHOD AND DATABASE SYSTEM FOR SECURE STORAGE AND COMMUNICATION OF INFORMATION
(73) Qredo Limited
(72) SALLIS, David
(31) 201201930
201201931
201209534
(32) 03.02.2012
03.02.2012
29.05.2012
(33) United Kingdom
United Kingdom
United Kingdom

(51) G06F 21/60
H04W 12/02
H04W 12/04
H04L 29/06
H04W 84/12
(11) EP3177101
(21) EP16201897.2
(47) 25.07.2018
(22) 02.12.2016
(54) DEVICE AND METHOD FOR ENABLING MULTIPLE WIRELESS COMMUNICATION DEVICES TO COMMUNICATE WITH A TRUSTED NETWORK VIA A SECURE CONNECTION
(73) BlackBerry Limited
(72) MONTEMURRO, Michael Peter
TURNER, Robert David
(31) 201514957921

(32) 03.12.2015
(33) United States of America

(51) G06F 21/62
G06F 17/30
(11) EP3213248
(21) EP15794393.7
(47) 25.07.2018
(87) US2015057435
06.05.2016
(22) 27.10.2015
(54) ACCESS CONTROL BASED ON OPERATION EXPIRY DATA
(73) Microsoft Technology Licensing, LLC
(72) PLUMB, Graham Charles
KEYES, Warren Leslie
(31) 201414529063
(32) 30.10.2014
(33) United States of America

(51) G06F 21/62
G06F 21/16
(11) EP2182463
(21) EP07768292.0
(47) 25.07.2018
(87) JP2007063560
15.01.2009
(22) 06.07.2007
(54) FILE MANAGEMENT SYSTEM, DEVICE, PROGRAM, AND COMPUTER READABLE RECORDING MEDIUM WHERE ITS PROGRAM IS RECORDED
(73) Fujitsu Limited
(72) MASUDA, Takahiro

(51) G06K 7/10
(11) EP2819060
(21) EP14164052.4
(47) 25.07.2018
(22) 09.04.2014
(54) OPTIMIZING OPTICAL CODE SCANNING
(73) NCR Corporation
(72) Crooks, John
(31) 201313931037
(32) 28.06.2013
(33) United States of America

(51) G06K 7/10
G03B 15/02
G03B 15/03
(11) EP2495682
(21) EP09850798.1
(47) 25.07.2018
(87) JP2009005789
05.05.2011
(22) 30.10.2009
(54) ILLUMINATION OPTICAL SYSTEM OF IMAGE CAPTURING DEVICE
(73) Fujitsu Frontech Limited
(72) YAMAZAKI, Kozo
IWAGUCHI, Isao

(51) G06K 7/10
H01Q 1/22
H01Q 21/24
(11) EP2849116
(21) EP14183071.1
(47) 25.07.2018
(22) 01.09.2014
(54) RFID reader
(73) ASTRA Gesellschaft für Asset Management mbH & Co. KG
(72) Stobbe, Anatoli
Werner, Andreas
(31) 202013104222 U
(32) 16.09.2013
(33) Germany

(51) G06K 9/00
(11) EP2843591
(21) EP14182151.2
(47) 25.07.2018
(22) 25.08.2014
(54) Video monitoring system, video monitoring method, and video monitoring system building method
(73) Hitachi, Ltd.
(72) Yoneji, Kenichi
Yamauchi, Tsukasa
Yoshinaga, Tomoaki
Matsubara, Daisuke
(31) 2013178524
(32) 29.08.2013
(33) Japan

(51) G06K 9/00
(11) EP2359308
(21) EP09755853.0
(47) 25.07.2018
(87) EP2009063666
27.05.2010
(22) 19.10.2009
(54) DEVICE FOR CREATING AND/OR PROCESSING AN OBJECT SIGNATURE, MONITORING DEVICE, METHOD AND COMPUTER PROGRAM
(73) Robert Bosch GmbH
(72) LOOS, Hartmut
WARZELHAN, Jan Karl
(31) 102008043953
(32) 21.11.2008
(33) Germany

(51) G06K 9/00
A61B 5/11
G06K 9/20
(11) EP3158502
(21) EP16744385.2
(47) 25.07.2018
(87) EP2016067851
16.02.2017
(22) 27.07.2016
(54) FURNITURE OCCUPANCY MONITORING
(73) Koninklijke Philips N.V.
(72) ROCQUE, Mukul Julius
KIRENKO, Ihor Olehovych
(31) 15180329
(32) 10.08.2015
(33) European Patent Office (EPO)

(51) G06K 15/00
G06K 15/10
B41J 2/175
B41J 29/38
G06F 12/08
(11) EP2423853
(21) EP11179003.6
(47) 25.07.2018
(22) 26.08.2011
(54) Data storage processing apparatus in printing apparatus, printing apparatus, and data storage processing method
(73) Seiko Epson Corporation
(72) Takahashi, Hayato
(31) 2010191835
(32) 30.08.2010
(33) Japan

(51) G06K 17/00
G06K 7/10
G06K 19/07
G06K 19/077
(11) EP3291144
(21) EP16186185.1
(47) 25.07.2018
(22) 29.08.2016
(54) RFID DEVICE AND METHOD FOR DETECTING COMPARTMENT OCCUPATION
(73) SICK AG
(72) Pudenz, Florian
Pilzner, Olaf

(51) G06K 19/06
G06K 19/07
G06K 19/08
G06K 19/14
G06K 19/18
G06K 7/00
G06K 7/10
G06K 9/00
(11) EP2614469
(21) EP11823862.5
(47) 25.07.2018
(87) SG2011000306
15.03.2012
(22) 08.09.2011
(54) AN INTEGRATED UNIT FOR READING IDENTIFICATION INFORMATION BASED ON INHERENT DISORDER
(73) Bilcare Technologies Singapore Pte. Ltd.
(72) MORAN, Peter Malcolm
NUMBUDIRI, Narayan
BO, Ma
LEE, Chi Wei
(31) 380746 P
380735 P
(32) 08.09.2010
08.09.2010
(33) United States of America
United States of America

(51) G06N 5/02
G06F 17/30
(11) EP1921573
(21) EP07254443.0
(47) 25.07.2018
(22) 13.11.2007
(54) Knowledge discovery system
(73) Accenture Global Services Limited
(72) Simmons, Hillery D.
Spell, Rhazes
Evans, Karoline
Madigan, Daniel R.
LaSalle, Ryan Matthew
Martinsek, Emil Robert
(31) 598292
(32) 13.11.2006
(33) United States of America

(51) G06Q 10/10

G01C 21/34
G01C 21/36
(11) EP2866179
(21) EP14195845.4
(47) 25.07.2018
(22) 22.10.2008
(54) NAVIGATION SYSTEM AND METHOD FOR PROVIDING DEPARTURE TIMES
(73) TomTom Navigation B.V.
(72) SCHUURBIERS, Rob
SOETERS, Bob Arnold

(51) G06Q 20/08
H04L 29/06
(11) EP1604292
(21) EP04718043.5
(47) 25.07.2018
(87) US2004006756
23.09.2004
(22) 05.03.2004
(54) AUTOMATIC SUBSCRIPTION SYSTEM FOR APPLICATIONS AND SERVICES PROVIDED TO WIRELESS DEVICES
(73) QUALCOMM INCORPORATED
(72) YU, Julie
HOREL, Gerald
PATWARI, Jaiteerth
KLEIN, Michelle
OLIVER, Mitchell B.
(31) 388063
(32) 12.03.2003
(33) United States of America

(51) G06Q 20/32
G06Q 20/34
H04W 4/00
H04W 12/00
(11) EP2523155
(21) EP12164634.3
(47) 25.07.2018
(22) 18.04.2012
(54) Method for data allocation of an NFC-enabled terminal, an NFC chip card and a transaction
(73) Deutscher Sparkassen Verlag GmbH
SIZ-Informatik-Zentrum der Sparkassenorganisation GmbH
(72) Mock-Hecker, Dr., Rüdiger
Luz, Jürgen
Marks, Stefan
Schröter, Urlich
Krebs, Thomas
Senkbeil, Michael
Bendzullla, Matthias
Kaufmann, Matthias
(31) 102011101529
(32) 13.05.2011
(33) Germany

(51) G06T 3/40
(11) EP3133551
(21) EP16184198.6
(47) 25.07.2018
(22) 15.08.2016
(54) SYSTEM AND METHOD FOR HIGH-PERFORMANCE CLIENT-SIDE- IN-BROWSER SCALING OF DIGITAL IMAGES
(73) Bellevue Investments GmbH & Co. KGaA
(72) Herberger, Tilman
Tost, Titus
(31) 201514827947
(32) 17.08.2015
(33) United States of America

(51) G06T 5/00
(11) EP2851865
(21) EP13790547.7
(47) 25.07.2018
(87) KR2013003859
21.11.2013
(22) 03.05.2013
(54) IMAGE-PROCESSING APPARATUS FOR REMOVING HAZE CONTAINED IN VIDEO, AND METHOD THEREFOR
(73) SK Telecom Co., Ltd
Korea University Research and Business Foundation
(72) PARK, Yongsup
LEE, Donghahk
KIM, Changsu
KIM, Jinhwan
JANG, Wondong
(31) 20120051330
(32) 15.05.2012
(33) Korea (Republic)

(51) G06T 7/00
(11) EP2810249
(21) EP13711741.2
(47) 25.07.2018
(87) IB2013050652
08.08.2013
(22) 25.01.2013
(54) IMAGING APPARATUS FOR IMAGING AN OBJECT
(73) Koninklijke Philips N.V.
(72) WEESE, Juergen
WÄCHTER-STEHLE, Irina
STEHLE, Thomas, Heiko
SAALBACH, Axel
MOLLUS, Sabine
SCHADEWALDT, Nicole
ZAGORCHEV, Lyubomir, Georgiev
(31) 201261594427 P
(32) 03.02.2012
(33) United States of America

(51) G06T 7/00
G01B 11/25
(11) EP3048581
(21) EP16151872.5
(47) 25.07.2018
(22) 19.01.2016
(54) IMAGE PROCESSING APPARATUS, SYSTEM, IMAGE PROCESSING METHOD, CALIBRATION METHOD, AND COMPUTER-READABLE RECORDING MEDIUM
(73) Ricoh Company, Ltd.
(72) KIKUCHI, Naoki
SAITOH, Kiichiroh
(31) 2015008876
2015237429
(32) 20.01.2015
04.12.2015
(33) Japan
Japan

(51) G06T 7/00
G01C 25/00
(11) EP2992507
(21) EP14736494.7
(47) 25.07.2018
(87) US2014036659
06.11.2014
(22) 02.05.2014
(54) METHODS FOR FACILITATING COMPUTER VISION APPLICATION INITIALIZATION
(73) Qualcomm Incorporated
(72) MULLONI, Alessandro
REITMAYR, Gerhard
RAMACHANDRAN, Mahesh
WAGNER, Daniel
(31) 201361818894 P
201361884845 P
(32) 02.05.2013
30.09.2013
(33) United States of America
United States of America

(51) G06T 7/11
G06K 9/48
(11) EP2356614
(21) EP09830704.4
(47) 25.07.2018
(87) US2009006308
10.06.2010
(22) 30.11.2009
(54) A CONSTRAINT GENERATOR FOR USE IN IMAGE SEGREGATION
(73) Tandent Vision Science, Inc.
(72) MAXWELL, Bruce, Allen
SMITH, Casey, Arthur
TOLLIVER, David, Allen
BAGNELL, James, Andrew
STEIN, Andrew, Neil
KWAK, Lljung, Samuel
DANA, Kristin, Jean
BUSHELL, Steven, Joseph
RODGERS, Timothy, King, Jr.
NABBE, Bartholomeus, Christianus, Leonardus
DIEBEL, Milan
FRIEDHOF, Richard Mark
(31) 315643
(32) 05.12.2008
(33) United States of America

(51) G06T 7/33
G06T 7/73
(11) EP2951528
(21) EP14785744.5
(47) 25.07.2018
(87) US2014013641
23.10.2014
(22) 29.01.2014
(54) METHODS FOR ANALYZING AND COMPRESSING MULTIPLE IMAGES
(73) Korb, Andrew Robert
Korb, C. Laurence
(72) Korb, Andrew Robert
Korb, C. Laurence
(31) 201361757892 P
(32) 29.01.2013
(33) United States of America

(51) G06T 7/38
G06T 3/00
(11) EP3188120
(21) EP15202840.3
(47) 25.07.2018
(22) 28.12.2015

(54) REGISTERING FIRST IMAGE DATA OF A FIRST STREAM WITH SECOND IMAGE DATA OF A SECOND STREAM
(73) Esaote S.p.A.
MedCom Gesellschaft für medizinische Bildverarbeitung mbH
(72) Sakas, Prof. Georgios
Kolev, Velizar
De Beni, Stefano
Forzoni, Leonardo
(51) G06T 7/55
H04N 13/00
G06T 7/593
G06T 7/564
(11) EP2911028
(21) EP13848539.6
(47) 25.07.2018
(87) JP2013077963
01.05.2014
(22) 15.10.2013
(54) DISTANCE MEASUREMENT DEVICE AND VEHICLE USING SAME
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) KURANUKI Yoshiki
(31) 2012232909
(32) 22.10.2012
(33) Japan
(51) G06T 7/593
(11) EP2849630
(21) EP13727302.5
(47) 25.07.2018
(87) GB2013000212
21.11.2013
(22) 10.05.2013
(54) VIRTUAL FIDUCIAL MARKERS
(73) CYDAR LIMITED
(72) CARRELL, Tom
VARNAVAS, Andreas
PENNEY, Graeme
(31) 201208886
(32) 18.05.2012
(33) United Kingdom
(51) G06T 7/90
(11) EP1837827
(21) EP07250874.0
(47) 25.07.2018
(22) 02.03.2007
(54) IMAGE PROCESSING SYSTEM FOR SKIN DETECTION AND LOCALIZATION
(73) Accenture Global Services Limited
(72) Dempski, Kelly L.
Seshadrinathan, Manoj
(31) 385278
(32) 20.03.2006
(33) United States of America
(51) G06T 7/90
A61B 5/103
A61B 1/00
A61B 5/00
A61B 1/04
G06T 7/00
(11) EP2976013
(21) EP14710934.2
(47) 25.07.2018
(87) EP2014055549
25.09.2014
(22) 19.03.2014
(54) METHODS FOR ASSESSING ERYTHEMA
(73) Schnidar, Harald
(72) NEUBAUER, Andreas
SCHNIDAR, Harald
(31) 13160048
(32) 19.03.2013
(33) European Patent Office (EPO)
(51) G06T 11/00
G01T 1/16
G01R 33/48
A61B 5/00
G06T 7/11
A61B 6/03
A61B 5/055
(11) EP2833163
(21) EP13767524.5
(47) 25.07.2018
(87) JP2013059235
03.10.2013
(22) 28.03.2013
(54) METHOD FOR GENERATING PET ABSORPTION-CORRECTED IMAGE FROM MR IMAGE AND COMPUTER PROGRAM
(73) National Institutes for Quantum and Radiological Science and Technology
Shimadzu Corporation
(72) YAMAYA, Taiga
OBATA, Takayuki
SUGA, Mikio
KAWAGUCHI, Hiroshi
YAMAKAWA, Yoshiyuki
(31) 2012074906
(32) 28.03.2012
(33) Japan
(51) G06T 11/00
G06T 5/00
(11) EP2618302
(21) EP13151924.1
(47) 25.07.2018
(22) 18.01.2013
(54) Method and system for image denoising using discrete total variation (TV) minimization with one-direction condition
(73) Toshiba Medical Systems Corporation
(72) Zou, Yu
Shi, Daxin
(31) 201213354851
(32) 20.01.2012
(33) United States of America
(51) G06T 15/00
(11) EP2220621
(21) EP08852942.5
(47) 25.07.2018
(87) GB2008003799
28.05.2009
(22) 12.11.2008
(54) VOLUME RENDERING APPARATUS AND METHOD
(73) Toshiba Medical Visualization Systems Europe, Ltd.
(72) ROBERTS, Colin
MELLER, Sebastian
(31) 944448
(32) 22.11.2007
(33) United States of America
(51) G06T 15/40
(11) EP2820621
(21) EP13708941.3
(47) 25.07.2018
(87) US2013025375
06.09.2013
(22) 08.02.2013
(54) TECHNIQUES FOR REDUCING MEMORY ACCESS BANDWIDTH IN A GRAPHICS PROCESSING SYSTEM BASED ON DESTINATION ALPHA VALUES
(73) Qualcomm Incorporated
(72) GRUBER, Andrew
(31) 201213409993
(32) 01.03.2012
(33) United States of America
(51) G06T 17/20
A63B 37/00
(11) EP2738742
(21) EP13190496.3
(47) 25.07.2018
(22) 28.10.2013
(54) Process for designing rugged pattern on golf ball surface
(73) Sumitomo Rubber Industries, Ltd.
(72) Kim, Hyoungchol
Onuki, Masahide
Sajima, Takahiro
Mimura, Kohei
(31) 2012244973
2012248631
2013098935
2013098950
(32) 07.11.2012
12.11.2012
09.05.2013
09.05.2013
(33) Japan
Japan
Japan
Japan
(51) G07C 3/00
(11) EP2120214
(21) EP09159463.0
(47) 25.07.2018
(22) 05.05.2009
(54) Method for preventing damage to a workpiece comprising the construction of a fatigue indicator
(73) PSA Automobiles SA
(72) Garnier, François
Le Dantec, Eric
van Doorn, Antoine
(31) 0853172
(32) 16.05.2008
(33) France
(51) G07C 5/08
G01P 1/12
(11) EP2509049
(21) EP12160641.2
(47) 25.07.2018
(22) 21.03.2012
(54) Vehicle with a tachograph
(73) Scania CV AB
(72) Claezon, Fredrich
Kollegger, Peter
Ullberg, Carl Fredrik
Lindberg, Mikael
Söderlind, Linus
(31) 1150301

(32) 06.04.2011
(33) Sweden

(51) G07C 5/08
G07C 7/00
G06K 7/00
(11) EP2362356
(21) EP10154275.1
(47) 25.07.2018
(22) 22.02.2010
(54) Tachograph
(73) Stoneridge Electronics AB
(72) Öhlund, Dan
Hörnedal, Andreas

(51) G07C 7/00
H01Q 1/24
H01Q 9/04
(11) EP2466552
(21) EP11191192.1
(47) 25.07.2018
(22) 29.11.2011
(54) On-board information system with mobile radio antenna
(73) Continental Automotive GmbH
(72) Peulecke, Jens
Wahler, Torsten
(31) 102010055206
(32) 20.12.2010
(33) Germany

(51) G07C 9/00
(11) EP3023943
(21) EP15195210.8
(47) 25.07.2018
(22) 18.11.2015
(54) CONTROLLER, CONTROL METHOD, AND COMPUTER-READABLE RECORDING MEDIUM
(73) JVC KENWOOD Corporation
(72) KOISO, Hisashi
(31) 2014234561
(32) 19.11.2014
(33) Japan

(51) G07C 9/00
B60R 25/00
(11) EP2697784
(21) EP12715021.7
(47) 25.07.2018
(87) EP2012056100
18.10.2012
(22) 03.04.2012
(54) ID SIGNAL GENERATOR FOR A MOTOR VEHICLE ACCESS SYSTEM HAVING A REMOVABLE NFC ASSEMBLY
(73) Huf Hülsbeck & Fürst GmbH & Co. KG
(72) ZILLER, Boris
MÖNIG, Stefan
GORENZWEIG, Igor
GELDMACHER, Alexander
SIMON, Jörg
(31) 102011002113
102011055994
102012100163
(32) 15.04.2011
02.12.2011
10.01.2012
(33) Germany
Germany
Germany

(51) G07C 9/00
G08B 13/196
(11) EP2324461
(21) EP09781914.8
(47) 25.07.2018
(87) EP2009060625
18.03.2010
(22) 17.08.2009
(54) MONITORING SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETECTING AND/OR TRACKING A MONITORING OBJECT
(73) Robert Bosch GmbH
(72) BAUMANN, Axel
LOOS, Hartmut
WARZELHAN, Jan Karl
(31) 102008041933
(32) 10.09.2008
(33) Germany

(51) G07D 5/02
G07D 5/10
G07D 7/121
(11) EP3084730
(21) EP14823961.9
(47) 25.07.2018
(87) EP2014078077
25.06.2015
(22) 16.12.2014
(54) COIN PROCESSING DEVICE AND CORRESPONDING METHOD FOR CLASSIFYING COINS
(73) Novomatic AG
(72) LORENZ, Sven
LUFT, Michael Rudolf
(31) 102013114569
(32) 19.12.2013
(33) Germany

(51) G07D 7/00
(11) EP2355056
(21) EP11152302.3
(47) 25.07.2018
(22) 27.01.2011
(54) PAPER SHEET RECOGNITION APPARATUS AND PAPER SHEET RECOGNITION METHOD
(73) Glory Ltd.
(72) Ryou, Kunihiro
(31) 2010019612
(32) 29.01.2010
(33) Japan

(51) G07D 7/00
G07D 7/12
D21H 21/40
D21H 21/48
G09F 3/02
B42D 25/00
B42D 25/29
B42D 25/328
B42D 25/355
B42D 25/425
C09D 11/106
(11) EP2505377
(21) EP10833007.7
(47) 25.07.2018
(87) JP2010068626
03.06.2011
(22) 21.10.2010
(54) DISPLAY AND OBJECT WITH DISPLAY
(73) Toppan Printing Co., Ltd.
(72) WATANABE, Manabu
NAGAYOSHI, Mihoko
UEHARA, Takashi
OCHIAI, Hideki
(31) 2009270445
(32) 27.11.2009
(33) Japan

(51) G07D 7/12
G06T 1/00
G06K 9/03
(11) EP2693408
(21) EP12762983.0
(47) 25.07.2018
(87) KR2012002201
04.10.2012
(22) 27.03.2012
(54) APPARATUS AND METHOD FOR DETECTING MEDIUM IMAGE, AND FINANCIAL DEVICE
(73) LG CNS Co., Ltd.
(72) LEE, Hyo-Wook
(31) 20110027708
(32) 28.03.2011
(33) Korea (Republic)

(51) G07D 7/12
G07D 7/1205
H04N 7/18
(11) EP3055839
(21) EP14784039.1
(47) 25.07.2018
(87) EP2014071765
16.04.2015
(22) 10.10.2014
(54) HAND-HELD DEVICE AND METHOD FOR AUTHENTICATING A MARKING
(73) Sicpa Holding SA
(72) HEUSCH, Guillaume
(31) 201361889779 P
(32) 11.10.2013
(33) United States of America

(51) G07D 11/00
B65H 3/06
(11) EP3159855
(21) EP16194551.4
(47) 25.07.2018
(22) 19.10.2016
(54) MEDIUM STORAGE BOX AND FINANCIAL DEVICE
(73) LG CNS Co., Ltd.
(72) LEE, Sung Woo
(31) 20150145157
(32) 19.10.2015
(33) Korea (Republic)

(51) G07D 11/00
B65H 83/02
(11) EP2600322
(21) EP12194986.1
(47) 25.07.2018
(22) 30.11.2012
(54) MEDIUM STORAGE BOX
(73) LG CNS Co., Ltd.
(72) KIM, Do Wan
(31) 20110128174
20120129216
(32) 02.12.2011
15.11.2012
(33) Korea (Republic)

Korea (Republic)

(51) G07F 11/16
G07F 11/10
G07F 11/42
(11) EP3129961
(21) EP15716566.3
(47) 25.07.2018
(87) GB2015050936
15.10.2015
(22) 27.03.2015
(54) VENDING MACHINES
(73) Hodges&Drake Design Limited
(72) LONGMAN, Daniel
(31) 201406211
(32) 07.04.2014
(33) United Kingdom

(51) G07F 17/32
H04B 10/114
(11) EP2992515
(21) EP14719512.7
(47) 25.07.2018
(87) EP2014057864
06.11.2014
(22) 17.04.2014
(54) AMUSEMENT MACHINE AND MONITORING SYSTEM
(73) Novomatic AG
(72) KORNDÖRFER, Jens
(31) 102013104460
(32) 02.05.2013
(33) Germany

(51) G08B 13/06
E05G 1/10
G08B 29/18
(11) EP2814011
(21) EP14250083.4
(47) 25.07.2018
(22) 13.06.2014
(54) A cabinet alarm system and method
(73) Xtra-sense Limited
(72) Jones, Peter
(31) 201310600
(32) 13.06.2013
(33) United Kingdom

(51) G08B 13/12
G08B 13/14
G02B 6/44
G02B 6/35
H04B 10/071
H04Q 11/00
(11) EP2859539
(21) EP13727940.2
(47) 25.07.2018
(87) EP2013062108
19.12.2013
(22) 12.06.2013
(54) CURRENTLESS OPTICAL SWITCH
(73) Loos, Guy
(72) Loos, Guy
(31) 92020 P
(32) 12.06.2012
(33) Luxembourg

(51) G08B 13/196
H04N 7/173
H04N 5/232
H04N 5/247
H04N 7/18
H04N 21/24
H04N 21/4425
H04N 21/6379
(11) EP2290979
(21) EP09769937.5
(47) 25.07.2018
(87) JP2009055290
30.12.2009
(22) 18.03.2009
(54) IN-TRAIN MONITOR SYSTEM
(73) Mitsubishi Electric Corporation
(72) EMOTO, Norishige
YAMASAKI, Tatsuo
(31) 2008163748
(32) 23.06.2008
(33) Japan

(51) G08C 17/00
H04M 1/725
H04N 21/418
H04N 21/422
H04N 21/4367
H04N 21/45
H04W 4/06
H04L 12/28
H04L 29/06
H04N 21/426
H04W 12/06
H04W 88/02
(11) EP3151507
(21) EP16182246.5
(47) 25.07.2018
(22) 01.08.2016
(54) METHODS AND APPARATUSES FOR CONTROLLING DEVICE
(73) Xiaomi Inc.
(72) WANG, Yuanbo
MENG, Deguo
HOU, Enxing
(31) 201510634008
(32) 29.09.2015
(33) China

(51) G08C 17/02
(11) EP2800079
(21) EP14163847.8
(47) 25.07.2018
(22) 08.04.2014
(54) HOME APPLIANCE, HOME APPLIANCE SYSTEM, AND METHOD OF CONTROLLING THE SAME
(73) LG Electronics Inc.
(72) Ha, Mikyung
Park, Junpil
Cho, Bokyung
(31) 20130038785
(32) 09.04.2013
(33) Korea (Republic)

(51) G08G 1/017
G08G 1/127
G06Q 30/02
G08G 1/14
(11) EP2750116
(21) EP13813984.5
(47) 25.07.2018
(87) ES2013070433
09.01.2014
(22) 27.06.2013
(54) AUTOMATIC REGULATED PARKING SYSTEM AND METHOD
(73) De La Plaza Ortega, Javier
(72) De La Plaza Ortega, Javier
(31) 201231054
(32) 05.07.2012
(33) Spain

(51) G08G 1/09
H04W 48/04
(11) EP2760228
(21) EP12832941.4
(47) 25.07.2018
(87) JP2012069770
28.03.2013
(22) 02.08.2012
(54) IN-VEHICLE DEVICE, COMMUNICATION SYSTEM, COMMUNICATION METHOD
(73) NEC Corporation
(72) SAKATA, Masayuki
(31) 2011207509
(32) 22.09.2011
(33) Japan

(51) G08G 1/16
(11) EP2879116
(21) EP14186581.6
(47) 25.07.2018
(22) 26.09.2014
(54) Method and device for detecting whether a vehicle can drive through
(73) ROBERT BOSCH GMBH
(72) Walenta, Sebastian
(31) 102013222846
(32) 11.11.2013
(33) Germany

(51) G08G 5/00
G08G 5/04
G08G 5/06
(11) EP3079136
(21) EP15163205.6
(47) 25.07.2018
(22) 10.04.2015
(54) AIRCRAFT IDENTIFICATION
(73) ADB Safegate Sweden AB
(72) Håkansson, Ola

(51) G09B 9/00
A63G 31/00
(11) EP3082122
(21) EP16165246.6
(47) 25.07.2018
(22) 14.04.2016
(54) APPLIED LAYOUT IN VIRTUAL MOTION-ACCELERATION SPHERICAL SIMULATOR
(73) Motion Sphere Desenvolvimento de Technologia e Locaçao Ltda EPP
(72) EDWIN MASUTTI, Jefferson
(31) 202015008770 U
(32) 17.04.2015
(33) Brazil

(51) G09B 19/00
(11) EP2592612
(21) EP12188545.3
(47) 25.07.2018
(22) 15.10.2012
(54) Tennis swing analyzing apparatus, analyzing method, and analyzing program
(73) Sumitomo Rubber Industries, Ltd.
(72) Yamamoto, Yosuke

Takihara, Hironori
Horiuchi, Kuniyasu
(31) 2011226495
2012227091
2012227271
2012227272
(32) 14.10.2011
12.10.2012
12.10.2012
12.10.2012
(33) Japan
Japan
Japan
Japan

(51) G09B 23/00
(11) EP3156989
(21) EP16193863.4
(47) 25.07.2018
(22) 14.10.2016
(54) THREE-DIMENSIONAL RIBS AND METHOD OF THREE-DIMENSIONAL PRINTING OF RIBS FOR CRASH TEST DUMMY
(73) Humanetics Innovative Solutions, Inc.
(72) BEEBE, Michael S.
VARA, Thomas M.
(31) 201562241548 P
201615293100
(32) 14.10.2015
13.10.2016
(33) United States of America
United States of America

(51) G09B 23/28
(11) EP2315193
(21) EP09797729.2
(47) 25.07.2018
(87) JP2009051309
21.01.2010
(22) 28.01.2009
(54) MOLD FOR PRODUCING SIMULATED BLOOD VESSEL, METHOD OF PRODUCING SIMULATED BLOOD VESSEL AND SIMULATED BLOOD VESSEL
(73) Waseda University
(72) IWASAKI, Kiyotaka
UMEZU, Mitsuo
TANAKA, Takashi
(31) 2008184614
(32) 16.07.2008
(33) Japan

(51) G09B 23/30
(11) EP2896034
(21) EP13795572.0
(47) 25.07.2018
(87) IB2013058460
20.03.2014
(22) 11.09.2013
(54) A MIXED REALITY SIMULATION METHOD AND SYSTEM
(73) Virtamed AG
(72) TUCHSCHMID, Stefan
SPILLMANN, Jonas
HARDERS, Matthias
(31) 201261700222 P
(32) 12.09.2012
(33) United States of America

(51) G09B 23/34
(11) EP3179465
(21) EP16202524.1
(47) 25.07.2018
(22) 06.12.2016
(54) THREE-DIMENSIONALLY PRINTED INTERNAL ORGANS FOR CRASH TEST DUMMY
(73) Humanetics Innovative Solutions, Inc.
(72) VARA, Thomas Matthew
BEEBE, Michael Scott
UBOM, Ime Victor
(31) 201562264107 P
201615368181
(32) 07.12.2015
02.12.2016
(33) United States of America
United States of America

(51) G09F 13/16
C09D 5/28
C09J 7/00
(11) EP3076381
(21) EP15193310.8
(47) 25.07.2018
(22) 05.11.2015
(54) ADVISORY DISPLAY BOARD WITH ANTI-ADHESIVE SHEET AND METHOD FOR THE PRODUCTION THEREOF
(73) Fritz Lange GmbH
(72) Ilgay, Vedat
(31) 102015104898
(32) 30.03.2015
(33) Germany

(51) G09G 3/32
(11) EP2602783
(21) EP12007782.1
(47) 25.07.2018
(22) 16.11.2012
(54) Organic light emitting diode display device and method of driving the same
(73) LG Display Co., Ltd.
(72) Lee, Jung-Min
Sim, Jae-Ho
(31) 20110128917
(32) 05.12.2011
(33) Korea (Republic)

(51) G09G 3/3233
(11) EP3048603
(21) EP15763805.7
(47) 25.07.2018
(87) CN2015075368
26.05.2016
(22) 30.03.2015
(54) PIXEL UNIT DRIVING CIRCUIT AND METHOD, PIXEL UNIT, AND DISPLAY DEVICE
(73) BOE Technology Group Co., Ltd.
Chengdu BOE Optoelectronics Technology Co., Ltd.
(72) HU, Like
QING, Haigang
QI, Xiaojing
(31) 201410652716
(32) 17.11.2014
(33) China

(51) G09G 3/3233
(11) EP3098805
(21) EP16171308.6
(47) 25.07.2018
(22) 25.05.2016
(54) ORGANIC LIGHT EMITTING DISPLAY AND CIRCUIT THEREOF
(73) LG Display Co., Ltd.
(72) JUNG, Sanghoon
KIM, Jungchul
KWON, Junyoung
SUK, Jungyoup
SUNG, Kiyoung
(31) 20150075330
20150152672
20160053638
(32) 28.05.2015
30.10.2015
30.04.2016
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) G09G 3/36
G09G 3/34
G01K 7/00
(11) EP2761613
(21) EP12779203.4
(47) 25.07.2018
(87) US2012057320
04.04.2013
(22) 26.09.2012
(54) SYSTEMS AND METHODS FOR DISPLAY TEMPERATURE DETECTION
(73) Apple Inc.
(72) WURZEL, Joshua Grey
AL-DAHLE, Ahmad
(31) 201113246961
(32) 28.09.2011
(33) United States of America

(51) G09G 5/00
G09G 5/02
G09G 5/10
G09G 5/14
H04N 21/81
H04N 21/44
H04N 21/443
G06T 5/50
H04N 5/45
H04N 21/431
H04N 21/4402
H04N 21/414
(11) EP3244395
(21) EP17173436.1
(47) 25.07.2018
(22) 04.06.2013
(54) IMAGE PROCESSING DEVICE, DISPLAY DEVICE, IMAGE PROCESSING METHOD, DISPLAY METHOD, AND IMAGE PROCESSING PROGRAM
(73) Mitsubishi Electric Corporation
(72) Sukeno, Junji
Yamada, Kazuhiko
Yamagishi, Nobuhiko
Minami, Satoshi
(31) 2012178009
(32) 10.08.2012
(33) Japan

(51) G10H 1/40
(11) EP2816550
(21) EP14172049.0
(47) 25.07.2018
(22) 12.06.2014

(54) Audio signal analysis
(73) Nokia Technologies Oy
(72) Eronen, Antti
Leppänen, Jussi
Curcio, Igor
(31) 201310861
(32) 18.06.2013
(33) United Kingdom

(51) G10H 3/12
G10D 13/02
(11) EP2776793
(21) EP12847147.1
(47) 25.07.2018
(87) US2012064043
16.05.2013
(22) 08.11.2012
(54) ACOUSTIC/ELECTRONIC DRUM ASSEMBLY
(73) RTOM Corporation
(72) ROGERS, Thomas P.
(31) 201113292115
(32) 09.11.2011
(33) United States of America

(51) G10H 7/00
G10H 1/36
G10L 13/00
G10L 13/10
G10L 13/06
G10L 13/033
G10H 7/02
(11) EP2838082
(21) EP14180151.4
(47) 25.07.2018
(22) 07.08.2014
(54) Voice analysis method and device, and medium storing voice analysis program
(73) YAMAHA CORPORATION
(72) Tachibana, Makoto
(31) 2013166311
(32) 09.08.2013
(33) Japan

(51) G10K 11/178
(11) EP2667379
(21) EP12168685.1
(47) 25.07.2018
(22) 21.05.2012
(54) Active noise reduction
(73) Harman Becker Automotive Systems GmbH
(72) Christoph, Markus

(51) G10K 11/178
(11) EP2966643
(21) EP15177849.5
(47) 25.07.2018
(22) 15.04.2013
(54) ADAPTIVE NOISE CANCELING SYSTEM WITH SOURCE AUDIO LEAKAGE DETECTION
(73) Cirrus Logic, Inc.
(72) Alderson, Jeffrey
Hendrix, Jon D.
Zhou, Dayong
Miller, Antonio John
Yong, Chin
Kamath, Gautham Devendra
(31) 201261645333 P
201213727718
(32) 10.05.2012
27.12.2012
(33) United States of America
United States of America

(51) G10L 15/02
G10L 25/45
G10L 15/16
(11) EP3157004
(21) EP16193988.9
(47) 25.07.2018
(22) 14.10.2016
(54) APPARATUS AND METHOD FOR NORMALIZING INPUT DATA OF ACOUSTIC MODEL AND SPEECH RECOGNITION APPARATUS
(73) Samsung Electronics Co., Ltd.
(72) SONG, In Chul
CHOI, Young Sang
NA, Hwi Dong
(31) 20150144947
(32) 16.10.2015
(33) Korea (Republic)

(51) G10L 15/30
G06F 17/30
(11) EP3021321
(21) EP15193835.4
(47) 25.07.2018
(22) 10.11.2015
(54) DISPLAY APPARATUS AND METHOD FOR QUESTION AND ANSWER
(73) Samsung Electronics Co., Ltd.
(72) BAK, Eun-sang
(31) 20140156901
(32) 12.11.2014
(33) Korea (Republic)

(51) G10L 19/008
G10L 19/24
G10L 19/002
(11) EP3114681
(21) EP15758957.3
(47) 25.07.2018
(87) US2015017732
11.09.2015
(22) 26.02.2015
(54) POST-ENCODING BITRATE REDUCTION OF MULTIPLE OBJECT AUDIO
(73) DTS, Inc.
(72) FEJZO, Zoran
(31) 201414199706
(32) 06.03.2014
(33) United States of America

(51) G10L 19/02
G10L 21/038
(11) EP2981959
(21) EP14715895.0
(47) 25.07.2018
(87) EP2014056856
09.10.2014
(22) 04.04.2014
(54) AUDIO ENCODER AND DECODER FOR INTERLEAVED WAVEFORM CODING
(73) Dolby International AB
(72) KJOERLING, Kristofer
THESING, Robin
MUNDT, Harald
PURNHAGEN, Heiko
ROEDEN, Karl Jonas
(31) 201361808687 P
(32) 05.04.2013
(33) United States of America

(51) G10L 19/20
(11) EP3175453
(21) EP15741215.6
(47) 25.07.2018
(87) EP2015066953
04.02.2016
(22) 23.07.2015
(54) AUDIO DECODER, METHOD AND COMPUTER PROGRAM USING A ZERO-INPUT-RESPONSE TO OBTAIN A SMOOTH TRANSITION
(73) Fraunhofer Gesellschaft zur Förderung der angewandten Forschung E.V.
(72) RAVELLI, Emmanuel
FUCHS, Guillaume
DISCH, Sascha
MULTRUS, Markus
PIETRZYK, Grzegorz
SCHUBERT, Benjamin
(31) 14178830
(32) 28.07.2014
(33) European Patent Office (EPO)

(51) G10L 19/20
G10L 19/22
G10L 25/00
G10L 25/51
G10L 25/78
(11) EP2301011
(21) EP09776747.9
(47) 25.07.2018
(87) EP2009004339
14.01.2010
(22) 16.06.2009
(54) METHOD AND DISCRIMINATOR FOR CLASSIFYING DIFFERENT SEGMENTS OF AN AUDIO SIGNAL COMPRISING SPEECH AND MUSIC SEGMENTS
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) FUCHS, Guillaume
BAYER, Stefan
NAGEL, Frederik
HERRE, Jürgen
RETTELBACH, Nikolaus
WABNIK, Stefan
YOKOTANI, Yoshikazu
HIRSCHFELD, Jens
LECOMTE, Jérémie
(31) 79875
(32) 11.07.2008
(33) United States of America

(51) G10L 21/02
G10L 21/038
(11) EP2628155
(21) EP11770021.1
(47) 25.07.2018
(87) US2011054862
19.04.2012
(22) 05.10.2011
(54) AUDIO SIGNAL BANDWIDTH EXTENSION IN CELP-BASED SPEECH CODER
(73) Google Technology Holdings LLC
(72) GIBBS, Jonathan, A.
ASHLEY, James, P.
MITTAL, Udar
(31) 2457DE2010

(32) 15.10.2010
(33) India

(51) G11B 5/02
G11B 5/66
G11B 5/82
G11B 9/02
(11) EP2782095
(21) EP12849457.2
(47) 25.07.2018
(87) JP2012078196
23.05.2013
(22) 31.10.2012
(54) ELECTRIC FIELD WRITE-TYPE MAGNETIC RECORDING DEVICE
(73) Akita University
(72) YOSHIMURA Satoru
SAITO Hitoshi
(31) 2011253356
(32) 18.11.2011
(33) Japan

(51) G11C 15/00
G11C 15/02
G11C 15/04
G11C 13/00
G11C 7/10
(11) EP2401744
(21) EP10702272.5
(47) 25.07.2018
(87) EP2010050797
02.09.2010
(22) 25.01.2010
(54) CODING TECHNIQUES FOR IMPROVING THE SENSE MARGIN IN CONTENT ADDRESSABLE MEMORIES
(73) International Business Machines Corporation
(72) LASTRAS-MONTANO, Luis
FRANCESCHINI, Michele
LAM, Chung, Hon
RAJENDRAN, Bipin
(31) 392049
(32) 24.02.2009
(33) United States of America

(51) G21C 1/22
G21C 1/32
G21C 15/18
G21C 17/10
G21D 3/00
G21D 9/00
G21C 5/02
G21C 17/112
G21C 19/28
G21D 1/00
(11) EP3031052
(21) EP14833741.3
(47) 25.07.2018
(87) CA2014050733
12.02.2015
(22) 05.08.2014
(54) INTEGRAL MOLTEN SALT REACTOR
(73) Terrestrial Energy Inc.
(72) LEBLANC, David
(31) 201361862378 P
(32) 05.08.2013
(33) United States of America

(51) G21C 1/32
G21C 13/02
G21C 13/028
G21C 15/00
(11) EP2839474
(21) EP13788268.4
(47) 25.07.2018
(87) US2013036060
14.11.2013
(22) 11.04.2013
(54) RISER CONE APPARATUS TO PROVIDE COMPLIANCE BETWEEN REACTOR COMPONENTS AND MINIMIZE REACTOR COOLANT BIPASS FLOW
(73) BWXT mPower, Inc.
(72) EDWARDS, Tyler, A.
SHARGOTS, Scott, J.
(31) 201261625290 P
201261625399 P
201261625764 P
201313859768
(32) 17.04.2012
17.04.2012
18.04.2012
10.04.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) G21C 15/12
G21C 9/00
G21C 9/004
G21C 13/02
G21C 15/18
G21C 15/26
(11) EP2852955
(21) EP13793498.0
(47) 25.07.2018
(87) US2013042070
28.11.2013
(22) 21.05.2013
(54) PASSIVE REACTOR CONTAINMENT PROTECTION SYSTEM
(73) SMR Inventec, LLC
(72) SINGH, Krishna, P.
(31) 201261649593 P
(32) 21.05.2012
(33) United States of America

(51) G21F 3/02
A62B 17/00
G21F 1/02
A61N 5/10
G21F 3/025
A41F 9/00
(11) EP2706881
(21) EP12782620.4
(47) 25.07.2018
(87) US2012037335
15.11.2012
(22) 10.05.2012
(54) RADIATION PROTECTION DEVICE AND METHODS THEREOF
(73) StemRad Ltd.
(72) MILSTEIN, Oren
(31) 201161484916 P
(32) 11.05.2011
(33) United States of America

(51) H01B 1/22
H01L 31/0224
(11) EP2530683
(21) EP11734821.9
(47) 25.07.2018
(87) JP2011051366
28.07.2011
(22) 25.01.2011
(54) PASTE COMPOSITION FOR ELECTRODE AND PHOTOVOLTAIC CELL
(73) Hitachi Chemical Company, Ltd.
(72) YOSHIDA, Masato
NOJIRI, Takeshi
IWAMURO, Mitsunori
ADACHI, Shuichirou
KIZAWA, Keiko
AOYAGI, Takuya
YAMAMOTO, Hiroki
NAITO, Takashi
KATO, Takahiko
(31) 2010222203
2010013512
(32) 30.09.2010
25.01.2010
(33) Japan
Japan

(51) H01B 7/28
H01B 9/02
(11) EP3002763
(21) EP15189744.4
(47) 25.07.2018
(22) 27.05.2003
(54) AN INSULATED ELECTRICAL CABLE
(73) NKT Cables Group A/S
(72) EFRAIMSSON, Lars
JOHNSEN, Ulf
GATU, Anders Jonas
(31) 0201589
(32) 27.05.2002
(33) Sweden

(51) H01C 7/02
C04B 35/468
C04B 35/626
(11) EP2377836
(21) EP09831970.0
(47) 25.07.2018
(87) JP2009070759
17.06.2010
(22) 11.12.2009
(54) SEMICONDUCTOR CERAMIC AND POSITIVE TEMPERATURE COEFFICIENT THERMISTOR
(73) Murata Manufacturing Co., Ltd.
(72) KISHIMOTO Atsushi
KATSU Hayato
GOTO Masato
ABE Naoaki
NAKAYAMA Akinori
(31) 2008317475
(32) 12.12.2008
(33) Japan

(51) H01F 7/06
H01R 4/00
F16K 31/06
(11) EP3207550
(21) EP15771605.1
(47) 25.07.2018
(87) EP2015072672
21.04.2016
(22) 01.10.2015
(54) ELECTROMAGNETIC ADJUSTING DEVICE
(73) Kendrion (Villingen) GmbH

(72) TSUNEO, Suzuki
BURKART, Harald
MAIWALD, Wolfram
(31) 102014115120
(32) 17.10.2014
(33) Germany

(51) H01F 27/02
F41H 5/02
(11) EP3195334
(21) EP14780755.6
(47) 25.07.2018
(87) EP2014002516
24.03.2016
(22) 17.09.2014
(54) BULLET-RESISTANT ELECTRICAL INSTALLATION
(73) Siemens Aktiengesellschaft
(72) LEBER, Gerald

(51) H01F 27/36
H01F 38/14
B60L 5/00
B60L 11/18
(11) EP3076412
(21) EP14861772.3
(47) 25.07.2018
(87) JP2014080532
21.05.2015
(22) 18.11.2014
(54) POWER-RECEIVING DEVICE AND POWER-TRANSMITTING DEVICE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) YUASA, Hiroaki
(31) 2013237712
(32) 18.11.2013
(33) Japan

(51) H01F 38/14
H02J 5/00
H04B 5/00
H01F 27/28
(11) EP2284849
(21) EP09750415.3
(47) 25.07.2018
(87) JP2009054711
26.11.2009
(22) 12.03.2009
(54) ELECTRONIC DEVICE AND METHOD FOR CONNECTING ELECTRONIC CIRCUIT BOARD
(73) Mitsubishi Electric Corporation
(72) YABE, Masaaki
KOIZUMI, Yoshiaki
HIGUMA, Toshiyasu
KUSHIRO, Noriyuki
(31) 2008134266
(32) 22.05.2008
(33) Japan

(51) H01F 41/02
H01F 1/10
H01F 1/11
H01F 1/34
H01F 1/055
H01F 7/02
C01G 49/00
C01G 51/00
C04B 35/26
C04B 35/40
(11) EP2450922
(21) EP10794001.7
(47) 25.07.2018
(87) JP2010060280
06.01.2011
(22) 17.06.2010
(54) FERRITE SINTERED MAGNET PRODUCING METHOD AND FERRITE SINTERED MAGNET
(73) Hitachi Metals, Ltd.
(72) ODA Etsushi
KOBAYASHI Yoshinori
(31) 2009156297
(32) 30.06.2009
(33) Japan

(51) H01G 4/00
H01G 4/30
H01G 2/06
H01G 2/24
H05K 1/18
H01L 41/083
H05K 1/03
H01C 7/00
H01C 7/10
(11) EP2849190
(21) EP14187377.8
(47) 25.07.2018
(22) 10.12.2012
(54) Laminated chip electronic component, board for mounting the same, and packing unit thereof
(73) Samsung Electro-Mechanics Co., Ltd
(72) Lee, Sun Cheol
Kim, Woo Sup
Kim, Dong Gun
Kim, Kyeong Jun
Lee, Kyu Ho
(31) 20120108328
(32) 27.09.2012
(33) Korea (Republic)

(51) H01H 9/54
H01H 33/59
H02H 3/06
(11) EP3057117
(21) EP14852914.2
(47) 25.07.2018
(87) KR2014008403
16.04.2015
(22) 05.09.2014
(54) DEVICE AND METHOD FOR BLOCKING HIGH VOLTAGE DIRECT CURRENT
(73) Korea Electro Technology Research Institute
(72) LEE, Woo Young
PARK, Sang Hun
SONG, Ki Dong
JANG, Hyun Jae
CHONG, Jin Kyo
(31) 20130119060
(32) 07.10.2013
(33) Korea (Republic)

(51) H01H 23/02
(11) EP3054470
(21) EP16153774.1
(47) 25.07.2018
(22) 02.02.2016
(54) DRIVER FOR AN ELECTRIC SWITCH AND ELECTRIC SWITCH COMPRISING SUCH A DRIVER
(73) Legrand France
Legrand SNC
(72) GUIBERT, Jean-Sébastien
(31) 1550839
(32) 03.02.2015
(33) France

(51) H01H 47/00
G05B 19/042
H02H 7/00
H02H 7/20
H02H 11/00
(11) EP3174082
(21) EP17150163.8
(47) 25.07.2018
(22) 30.04.2010
(54) SINGLE-CHANNEL SAFETY OUTPUT
(73) Rockwell Automation Germany GmbH & Co. KG
(72) LORENZ, Dirk
MACHULETZ, Norbert
HELPENSTEIN, Thomas
PAPENBREER, Rudolf

(51) H01J 9/02
H01J 37/08
H01J 37/252
H01J 37/305
H01J 27/26
H01J 37/317
B81B 1/00
G01N 23/225
(11) EP1955350
(21) EP06837699.5
(47) 25.07.2018
(87) US2006044389
14.06.2007
(22) 15.11.2006
(54) ION SOURCES, SYSTEMS AND METHODS
(73) Carl Zeiss Microscopy, LLC
(72) WARD, Billy, W.
NOTTE IV, John, A.
FARKAS III, Louis, S.
PERCIVAL, Randall, G.
HILL, Raymond
(31) 741956 P
385215
385136
784390 P
784388 P
784331 P
784500 P
795806 P
799203 P
(32) 02.12.2005
20.03.2006
20.03.2006
20.03.2006
20.03.2006
20.03.2006
20.03.2006
28.04.2006
09.05.2006
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

United States of America

(51) H01J 27/16
H01J 37/08
H01J 37/32
H05H 1/28
H05H 1/30
H05H 1/46
(11) EP2724595
(21) EP12803226.5
(47) 25.07.2018
(87) US2012043548
27.12.2012
(22) 21.06.2012
(54) ENCAPSULATION OF ELECTRODES IN SOLID MEDIA FOR USE IN CONJUNCTION WITH HIGH VOLTAGE ISOLATION PROVIDED BY FLUID
(73) FEI Company
(72) KELLOGG, Sean
GRAUPERA, Anthony
PARKER, N. William
UTLAUT, Mark W.
WELLS, Andrew B.
MCGINN, James B.
(31) 201113165556
201213437599
(32) 21.06.2011
02.04.2012
(33) United States of America
United States of America

(51) H01J 35/02
H01J 35/16
H01J 35/06
(11) EP2684205
(21) EP12758042.1
(47) 25.07.2018
(87) US2012028581
20.09.2012
(22) 09.03.2012
(54) A TRIBOELECTRIC X-RAY SOURCE
(73) The Regents of the University of California
(72) PUTTERMAN, Seth, J.
HIRD, Jonathan
CAMARA, Carlos
(31) 201161451694 P
(32) 11.03.2011
(33) United States of America

(51) H01J 37/32
(11) EP2926362
(21) EP13818250.6
(47) 25.07.2018
(87) FR2013000308
05.06.2014
(22) 25.11.2013
(54) IONIC IMPLANTER WITH A PLURALITY OF PLASMA SOURCE BODIES
(73) Ion Beam Services
(72) TORREGROSA Frank
ROUX Laurent
(31) 1203188
(32) 27.11.2012
(33) France

(51) H01J 37/32
C23C 16/511
(11) EP2656372
(21) EP11799160.4
(47) 25.07.2018
(87) EP2011072824
28.06.2012
(22) 14.12.2011
(54) A MICROWAVE PLASMA REACTOR FOR MANUFACTURING SYNTHETIC DIAMOND MATERIAL
(73) Element Six Technologies Limited
(72) BRANDON, John, Robert
CULLEN, Alexander, Lamb
WILLIAMS, Stephen, David
DODSON, Joseph, Michael
WILMAN, Jonathan, James
WORT, Christopher, John, Howard
(31) 201021865
201161439313 P
(32) 23.12.2010
03.02.2011
(33) United Kingdom
United States of America

(51) H01J 49/42
(11) EP2534670
(21) EP10787587.4
(47) 25.07.2018
(87) RU2010000494
18.08.2011
(22) 06.09.2010
(54) ELECTRODE SYSTEM OF A LINEAR ION TRAP
(73) Shimadzu Corporation
(72) SUDAKOV, Mikhail Yurievich
(31) 2010104792
(32) 11.02.2010
(33) Russian Federation

(51) H01J 49/42
G01N 33/68
(11) EP1982349
(21) EP07763291.7
(47) 25.07.2018
(87) US2007061745
16.08.2007
(22) 07.02.2007
(54) CHEMICAL NOISE REDUCTION FOR MASS SPECTROMETRY
(73) DH Technologies Development Pte. Ltd.
(72) GUO, Xinghua
BRUINS, Andries, P.
COVEY, Tom
(31) 765809 P
(32) 07.02.2006
(33) United States of America

(51) H01L 21/02
B23K 20/00
B23K 20/14
B23K 20/24
B81C 3/00
H01L 21/67
B81C 1/00
(11) EP2495752
(21) EP10826759.2
(47) 25.07.2018
(87) JP2010069039
05.05.2011
(22) 27.10.2010
(54) BONDING UNIT CONTROL UNIT AND MULTI-LAYER BONDING METHOD
(73) Mitsubishi Heavy Industries Machine Tool Co., Ltd.
(72) KINOUCHI Masato
GOTO Takayuki
TSUNO Takeshi
IDE Kensuke
SUZUKI Takenori
(31) 2009247855
(32) 28.10.2009
(33) Japan

(51) H01L 21/027
G03F 7/20
(11) EP3255652
(21) EP17175178.7
(47) 25.07.2018
(22) 21.06.2005
(54) EXPOSURE APPARATUS, EXPOSURE METHOD AND DEVICE MANUFACTURING METHOD
(73) Nikon Corporation
(72) Nagasaka, Hiroyuki
Shiraishi, Kenichi
(31) 2004182343
2004237343
2004327787
(32) 21.06.2004
17.08.2004
11.11.2004
(33) Japan
Japan
Japan

(51) H01L 21/027
G03F 7/20
H01L 21/67
(11) EP2642511
(21) EP11840929.1
(47) 25.07.2018
(87) JP2011076707
24.05.2012
(22) 18.11.2011
(54) MEMBER FOR MOUNTING AND TEMPERATURE CONTROLLED MOUNTING DEVICE
(73) Kyocera Corporation
(72) HORIUCHI, Masahiko
(31) 2010258829
(32) 19.11.2010
(33) Japan

(51) H01L 21/308
H01L 21/311
H01L 21/3213
(11) EP2750168
(21) EP13199534.2
(47) 25.07.2018
(22) 24.12.2013
(54) Anisotropic etching method
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
Applied Materials, Inc.
(72) Posseme, Nicolas
Lee, Gene
(31) 1262954
(32) 28.12.2012
(33) France

(51) H01L 21/60
H01L 21/67
B23K 1/005
B23K 3/06
(11) EP2559061
(21) EP11741401.1
(47) 25.07.2018

(87) DE2011000394
20.10.2011
(22) 13.04.2011
(54) METHOD FOR FORMING SOLDER DEPOSITS ON PROTRUDING CONTACTS OF A SUBSTRATE
(73) Pac Tech - Packaging Technologies GmbH
(72) AZDASHT, Ghassem
(31) 102010015520
(32) 16.04.2010
(33) Germany

(51) H01L 21/768
B82Y 10/00
H01L 21/84
H01L 23/498
(11) EP2867920
(21) EP13730901.9
(47) 25.07.2018
(87) EP2013063204
03.01.2014
(22) 25.06.2013
(54) METHOD FOR MANUFACTURING A RECEIVING STRUCTURE FOR ELECTRICALLY CONNECTING A NANO-OBJECT ON A SURFACE THEREOF AND RE- ESTABLISH ELECTRICAL CONTACT WITH THE NANO-OBJECT ON THE OPPOSITE SURFACE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) BAILLIN, Xavier
LEDUC, Patrick
(31) 1256111
(32) 27.06.2012
(33) France

(51) H01L 21/78
H01L 33/00
B28D 5/00
H01L 31/18
(11) EP2901476
(21) EP13771748.4
(47) 25.07.2018
(87) US2013061669
03.04.2014
(22) 25.09.2013
(54) METHOD FOR DICING A SUBSTRATE WITH BACK METAL
(73) Plasma-Therm, LLC
(72) FALVO, Peter
MARTINEZ, Linnell
PAYS-VOLARD, David
GAULDIN, Rich
WESTERMAN, Russell
(31) 201261707464 P
201314034164
(32) 28.09.2012
23.09.2013
(33) United States of America
United States of America

(51) H01L 21/8242
H01L 21/84
H01L 27/108
H01L 27/12
H01L 29/78
H01L 21/762
H01L 29/06
(11) EP2153463
(21) EP08745400.5
(47) 25.07.2018
(87) US2008059788
20.11.2008
(22) 09.04.2008
(54) SEMICONDUCTOR CONSTRUCTIONS AND MEMORY ARRAY
(73) Micron Technology, Inc.
(72) PAREKH, Kunal, R.
(31) 745783
(32) 08.05.2007
(33) United States of America

(51) H01L 21/98
H01L 25/065
H01L 21/60
(11) EP2471094
(21) EP10749575.6
(47) 25.07.2018
(87) US2010046855
03.03.2011
(22) 26.08.2010
(54) Semiconductor wafer-to-wafer bonding method for dissimilar semiconductor dies and/or wafers
(73) Qualcomm Incorporated
(72) CHANDRASEKARAN, Arvind
HENDERSON, Brian M.
(31) 547520
(32) 26.08.2009
(33) United States of America

(51) H01L 23/31
H01L 25/10
(11) EP2885812
(21) EP13751078.0
(47) 25.07.2018
(87) US2013055018
20.02.2014
(22) 14.08.2013
(54) THIN SUBSTRATE PoP STRUCTURE
(73) Apple Inc.
(72) CHUNG, Chih-Ming
(31) 201213586375
(32) 15.08.2012
(33) United States of America

(51) H01L 23/373
H01L 23/427
(11) EP3182447
(21) EP16204780.7
(47) 25.07.2018
(22) 16.12.2016
(54) COMPOSITE HEAT-ABSORPTION DEVICE AND METHOD FOR OBTAINING SAME
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(72) SOUPREMANIEN, Ulrich
OLLIER, Emmanuel
(31) 1562602
(32) 17.12.2015
(33) France

(51) H01L 23/473
C09K 5/10
F28F 19/00
(11) EP3176820
(21) EP16196070.3
(47) 25.07.2018
(22) 27.10.2016
(54) COOLING DEVICE
(73) Siemens Aktiengesellschaft
(72) Benkert, Katrin
Holweg, Johann
Landes, Harald
Leonide, André
(31) 102015223208
(32) 24.11.2015
(33) Germany

(51) H01L 23/538
(11) EP2259311
(21) EP10177700.1
(47) 25.07.2018
(22) 01.02.2007
(54) Method for embedding at least one component into a circuit board element
(73) AT & S Austria Technologie & Systemtechnik Aktiengesellschaft
(72) Kriechbaum, Arno
Bauer, Wolfgang
Stahr, Johannes
Liebfahrt, Sabine
(31) 1602006
(32) 02.02.2006
(33) Austria

(51) H01L 25/075
H01L 33/50
F21Y 105/12
F21Y 115/10
(11) EP2437318
(21) EP11195678.5
(47) 25.07.2018
(22) 01.08.2008
(54) WAVELENGTH-CONVERTED LIGHT-EMITTING DEVICE WITH UNIFORM LIGHT-EMISSION
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) Nagai, Hideo
(31) 2007203478
2007208216
(32) 03.08.2007
09.08.2007
(33) Japan
Japan

(51) H01L 25/11
H01L 25/16
H01L 23/40
H05K 1/02
H05K 1/18
H05K 7/20
H05K 3/46
H05K 3/28
H05K 3/00
H05K 1/14
(11) EP2188839
(21) EP08785242.2
(47) 25.07.2018
(87) EP2008006300
19.02.2009
(22) 31.07.2008
(54) FABRICATION PROCESS OF A COOLING ARRANGEMENT FOR AN ELECTRONIC CIRCUIT DEVICE COMPRISING HEAT PRODUCING POWER SEMICONDUCTORS
(73) SEW-EURODRIVE GmbH & Co. KG
(72) POLJAK, Anton

(31) 102007038676
(32) 15.08.2007
(33) Germany

(51) H01L 25/16
H01L 27/15
H01L 33/18
H05B 33/08
H01L 33/08
H01L 33/20
H01L 33/24
H01L 33/38
H01L 33/44
H01L 33/62
(11) EP3161865
(21) EP15733702.3
(47) 25.07.2018
(87) EP2015064798
07.01.2016
(22) 30.06.2015
(54) OPTOELECTRONIC DEVICE COMPRISING LIGHT-EMITTING DIODES ON A CONTROL CIRCUIT
(73) Aledia
(72) MERCIER, Frédéric
GILET, Philippe
HUGON, Xavier
(31) 1456178
(32) 30.06.2014
(33) France

(51) H01L 27/00
(11) EP1599905
(21) EP04712362.5
(47) 25.07.2018
(87) US2004004758
10.09.2004
(22) 18.02.2004
(54) AUTOMATIC VEHICLE EXTERIOR LIGHT CONTROL SYSTEMS
(73) Gentex Corporation
(72) STAM, Joseph S.
WALSTRA, Eric J.
BERENDS, Keith H.
RYCENGA, Brock R.
LONGWORTH, Kevin J.
MEEKHOF, David A.
(31) 448793 P
777468
(32) 21.02.2003
12.02.2004
(33) United States of America
United States of America

(51) H01L 27/02
(11) EP1432035
(21) EP02447263.1
(47) 25.07.2018
(22) 20.12.2002
(54) Device for electrostatic discharge protection
(73) IMEC VZW
(72) Vassilev, Vesselin K.
Groeseneken, Guido

(51) H01L 27/10
H01L 45/00
H01L 27/24
(11) EP2891182
(21) EP13833302.6
(47) 25.07.2018
(87) US2013057657
06.03.2014
(22) 30.08.2013
(54) THREE DIMENSIONAL MEMORY ARRAY ARCHITECTURE
(73) Micron Technology, Inc.
(72) PIO, Federico
(31) 201213600699
(32) 31.08.2012
(33) United States of America

(51) H01L 27/12
(11) EP2819170
(21) EP13194495.1
(47) 25.07.2018
(22) 26.11.2013
(54) Oxide semiconductor TFT array substrate and method for forming the same
(73) Shanghai Tianma Micro-electronics Co., Ltd.
Tianma Micro-Electronics Co., Ltd.
(72) Lou, Junhui
Huo, Sitao
(31) 201310254826
(32) 24.06.2013
(33) China

(51) H01L 27/146
H04N 5/374
H04N 5/3745
(11) EP2765608
(21) EP12838082.1
(47) 25.07.2018
(87) JP2012074851
11.04.2013
(22) 27.09.2012
(54) SOLID-STATE IMAGE PICKUP ELEMENT AND ELECTRONIC APPARATUS
(73) Sony Corporation
(72) WAKANO Toshifumi
(31) 2011223325
(32) 07.10.2011
(33) Japan

(51) H01L 27/16
H01L 35/32
(11) EP3198648
(21) EP15775823.6
(47) 25.07.2018
(87) IB2015057194
31.03.2016
(22) 18.09.2015
(54) SILICON INTEGRATED, OUT-OF-PLANE HEAT FLUX THERMOELECTRIC GENERATOR
(73) Consorzio Delta Ti Research
(72) MASCOLO, Danilo
BUOSCIOLO, Antonietta
LATESSA, Giuseppe
PUCKER, Georg
GHULINYAN, Mher
DI MARCO, Simone
(31) MI20141637
(32) 22.09.2014
(33) Italy

(51) H01L 27/32
H01L 51/52
(11) EP1811569
(21) EP07001187.9
(47) 25.07.2018
(22) 19.01.2007
(54) Organic light emitting display
(73) LG Display Co., Ltd.
(72) Sung, Myeon Chang
Kim, Changnam
Kim, Sangkyoon
Kang, Sun Kil
Yang, Won Jae
Kim, Honggyu
Shin, Young Hoon
Kim, Do Youl
Lee, Honyun Sibeomdanji Samsung Hanshin
Jung, Myung Jong
(31) 20060006010
20060006537
(32) 19.01.2006
20.01.2006
(33) Korea (Republic)
Korea (Republic)

(51) H01L 29/739
H01L 29/78
H01L 21/336
H01L 29/66
(11) EP2705537
(21) EP11864827.8
(47) 25.07.2018
(87) US2011067041
08.11.2012
(22) 22.12.2011
(54) VERTICAL TUNNELING NEGATIVE DIFFERENTIAL RESISTANCE DEVICES
(73) Intel Corporation
(72) PILLARISETTY, Ravi
(31) 201113098617
(32) 02.05.2011
(33) United States of America

(51) H01L 31/02
H01L 31/042
H02M 1/36
H02J 3/38
H02M 7/797
H02S 40/32
(11) EP2346084
(21) EP11150368.6
(47) 25.07.2018
(22) 07.01.2011
(54) OPEN CIRCUIT VOLTAGE PROTECTION SYSTEM AND METHOD
(73) General Electric Company
(72) El-Barbari, Said Farouk Said
Roesner, Robert
Shen, Jie
(31) 689410
(32) 19.01.2010
(33) United States of America

(51) H01L 31/048
(11) EP2530741
(21) EP11734915.9
(47) 25.07.2018
(87) KR2011000525
28.07.2011
(22) 25.01.2011
(54) PHOTOVOLTAIC MODULE
(73) LG Chem, Ltd.
(72) KO, Min Jin
(31) 20110007452
20100006697
(32) 25.01.2011
25.01.2010
(33) Korea (Republic)
Korea (Republic)

(51) H01L 31/048
C08K 3/22
C08K 5/524
C08L 23/08
B32B 17/10
C08J 5/18
(11) EP2262001
(21) EP09722647.6
(47) 25.07.2018
(87) JP2009055488
24.09.2009
(22) 19.03.2009
(54) PAIR OF SEALING FILMS AND SOLAR BATTERY USING THE PAIR OF SEALING FILMS
(73) Kyocera Corporation
(72) KATAOKA, Hisataka
ASANO, Katsumi
ITO, Naoya
(31) 2008074128
(32) 21.03.2008
(33) Japan

(51) H01L 31/048
C09J 183/04
(11) EP3070748
(21) EP14859723.0
(47) 25.07.2018
(87) JP2014078872
14.05.2015
(22) 30.10.2014
(54) SILICONE ADHESIVE SHEET HAVING ULTRAVIOLET RAY SHIELDING PROPERTIES FOR SEALING SOLAR CELL AND SOLAR CELL MODULE USING SAME
(73) Shin-Etsu Chemical Co., Ltd.
(72) YAMAKAWA, Naoki
IGARASHI, Minoru
YAGINUMA, Atsushi
FURIHATA, Tomoyoshi
OHWADA, Hiroto
TSUKADA, Junichi
ITO, Atsuo
(31) 2013232886
(32) 11.11.2013
(33) Japan

(51) H01L 31/055
H01L 31/054
H01L 31/053
A61F 2/16
(11) EP3047526
(21) EP14875570.5
(47) 25.07.2018
(87) US2014062784
02.07.2015
(22) 29.10.2014
(54) POWER SOURCE FOR AN ACCOMMODATING INTRAOCULAR LENS
(73) Novartis AG
(72) MCFADDEN, Michael J.
(31) 201361919914 P
(32) 23.12.2013
(33) United States of America

(51) H01L 31/0745
H01L 31/056
H01L 31/18
(11) EP2245671
(21) EP09713116.3
(47) 25.07.2018
(87) US2009032345
27.08.2009
(22) 29.01.2009
(54) FRONT-CONTACT SOLAR CELL WITH BACKSIDE POLY-CRYSTALLINE SILICON EMITTER
(73) Sunpower Corporation
(72) COUSINS, Peter John
(31) 70742
(32) 20.02.2008
(33) United States of America

(51) H01L 31/107
H01L 31/0352
(11) EP1470575
(21) EP03710845.3
(47) 25.07.2018
(87) US2003003323
07.08.2003
(22) 03.02.2003
(54) MESA STRUCTURE AVALANCHE PHOTODIODE
(73) MACOM Technology Solutions Holdings, Inc.
(72) KO, Cheng, C.
LEVINE, Barry
(31) 353530 P
353765 P
(32) 01.02.2002
01.02.2002
(33) United States of America
United States of America

(51) H01L 31/18
(11) EP2489703
(21) EP10823586.2
(47) 25.07.2018
(87) KR2010006970
21.04.2011
(22) 12.10.2010
(54) METHOD FOR MANUFACTURING A SOLAR CELL USING A PASTE FOR FORMING AN ETCHING MASK PATTERN
(73) LG Chem, Ltd.
(72) KIM, Min-Seo
(31) 20090097297
(32) 13.10.2009
(33) Korea (Republic)

(51) H01L 33/00
B23K 26/40
(11) EP2290706
(21) EP10151573.2
(47) 25.07.2018
(22) 25.01.2010
(54) Method of fabricating light emitting diode using laser lift-off technique and using laser lift-off apparatus having heater
(73) Seoul Viosys Co., Ltd
(72) Kim, Chang Youn
Kim, Joon Hee
You, Jong Kyun
Kim, Hwa Mok
(31) 20090079438
(32) 26.08.2009
(33) Korea (Republic)

(51) H01L 33/00
H01L 33/50
H01L 33/56
H01L 33/60
H01L 33/46
H01L 33/54
(11) EP2441098
(21) EP10721563.4
(47) 25.07.2018
(87) IB2010052085
16.12.2010
(22) 11.05.2010
(54) LIGHT-EMITTING DIODE WITH REMOTE POROUS LAYER, REMOTE PHOSPHOR LAYER AND REFLECTIVE SUBMOUNT
(73) Koninklijke Philips N.V.
Lumileds LLC
(72) DAVID, Aurelien J.
ALDAZ, Rafael I.
BUTTERWORTH, Mark
BIERHUIZEN, Serge J.
(31) 481021
(32) 09.06.2009
(33) United States of America

(51) H01L 33/06
H01L 33/38
H01L 33/08
H01L 33/18
(11) EP2715808
(21) EP12726070.1
(47) 25.07.2018
(87) EP2012060011
06.12.2012
(22) 29.05.2012
(54) SEMICONDUCTOR STRUCTURE FOR EMITTING LIGHT, AND METHOD FOR MANUFACTURING SUCH A STRUCTURE
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(72) ROBIN, Ivan-Christophe
(31) 1154844
(32) 01.06.2011
(33) France

(51) H01L 33/24
H01L 33/32
H01L 33/14
H01L 33/04
(11) EP2362447
(21) EP11154428.4
(47) 25.07.2018
(22) 14.02.2011
(54) Light emitting diode
(73) LG Innotek Co., Ltd.
(72) Son, Hyo Kun
(31) 20100014437
(32) 18.02.2010
(33) Korea (Republic)

(51) H01L 33/38
H01L 33/62
(11) EP2722899
(21) EP13189140.0
(47) 25.07.2018
(22) 17.10.2013
(54) Light emitting device
(73) LG Innotek Co., Ltd.
(72) Lim, Dong Wook
(31) 20120115802
(32) 18.10.2012

(33) Korea (Republic)

(51) H01L 33/42
H01L 33/02
(11) EP2448016
(21) EP11187470.7
(47) 25.07.2018
(22) 02.11.2011
(54) Method for manufacturing a semiconductor light emitting device
(73) Samsung Electronics Co., Ltd.
(72) Hur, Won Goo
Shin, Young Chul
Kim, Gi Bum
Choi, Seung Woo
(31) 20100107738
(32) 01.11.2010
(33) Korea (Republic)

(51) H01L 33/48
H01L 33/54
H01L 33/60
H01L 33/62
H01L 23/00
(11) EP2323182
(21) EP10014696.8
(47) 25.07.2018
(22) 17.11.2010
(54) Light emitting device and method for manufacturing the same
(73) Stanley Electric Co., Ltd.
(72) Ide, Shunya
Sato, Masanori
Nozaki, Takahiko
Sakai, Takaaki
Kotani, Hiroshi
(31) 2009262209
2010212382
(32) 17.11.2009
22.09.2010
(33) Japan
Japan

(51) H01L 33/50
C09K 11/08
C09K 11/77
(11) EP2482348
(21) EP10818831.9
(47) 25.07.2018
(87) JP2010066491
31.03.2011
(22) 24.09.2010
(54) WAVELENGTH CONVERSION PARTICLE, WAVELENGTH CONVERSION MEMBER USING SAME, AND LIGHT EMITTING DEVICE
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) SHIBAMOTO, Shinji
YAMAZAKI, Keiichi
FUJII, Shunpei
KUSUNOKI, Tomokazu
(31) 2009221504
(32) 25.09.2009
(33) Japan

(51) H01L 33/54
H01L 33/50
H01L 33/60
H01L 33/58
(11) EP2620989
(21) EP13000374.2
(47) 25.07.2018
(22) 25.01.2013
(54) Semiconductor light-emitting device
(73) Stanley Electric Co., Ltd.
(72) Mochizuki, Mika
(31) 2012013760
(32) 26.01.2012
(33) Japan

(51) H01L 33/60
H01L 33/62
H01L 33/64
H01L 33/00
H01L 33/38
(11) EP2497126
(21) EP10779582.5
(47) 25.07.2018
(87) IB2010054588
12.05.2011
(22) 11.10.2010
(54) SILICONE-BASED REFLECTIVE UNDERFILL ACTING AS THERMAL COUPLER FOR LIGHT EMITTING DIODE IN FLIP CHIP
(73) Lumileds Holding B.V.
(72) ALDAZ, Rafael I.
BASIN, Grigoriy
MARTIN, Paul S.
KRAMES, Michael
(31) 613924
(32) 06.11.2009
(33) United States of America

(51) H01L 33/62
F21S 4/26
F21K 9/232
H01L 33/64
F21Y 115/10
F21Y 107/00
(11) EP3188264
(21) EP16171214.6
(47) 25.07.2018
(22) 25.05.2016
(54) LIGHT-EMITTING DIODE LIGHT SOURCE AND LAMP
(73) Liquidleds Lighting Corp.
(72) HUANG, David
(31) 105106012
(32) 26.02.2016
(33) Taiwan, Province of China

(51) H01L 33/62
H01L 33/64
(11) EP2290717
(21) EP10173851.6
(47) 25.07.2018
(22) 24.08.2010
(54) Light emitting apparatus and light unit
(73) LG Innotek Co., Ltd.
(72) Kim, Ki Bum
(31) 20090079029
(32) 26.08.2009
(33) Korea (Republic)

(51) H01L 35/30
H01L 35/32
(11) EP3204967
(21) EP15779017.1
(47) 25.07.2018
(87) IB2015057353
14.04.2016
(22) 24.09.2015
(54) 3D INTEGRATED THERMOELECTRIC GENERATOR OPERATING IN AN OUT-OF-PLANE HEAT FLUX CONFIGURATION WITH INTERNAL VOIDS AND HEAT CONDUCTION PATHS CONDITIONING VIAS
(73) Consorzio Delta Ti Research
(72) MASCOLO, Danilo
LATESSA, Giuseppe
DI MARCO, Simone
GIUSTI, Marco
(31) MI20141768
(32) 09.10.2014
(33) Italy

(51) H01L 35/32
(11) EP3186841
(21) EP15753358.9
(47) 25.07.2018
(87) EP2015069014
03.03.2016
(22) 19.08.2015
(54) THERMOELECTRIC MODULE
(73) Mahle International GmbH
(72) HIMMER, Thomas
LÄMMLE, Christopher
(31) 102014216974
(32) 26.08.2014
(33) Germany

(51) H01L 35/32
(11) EP3201955
(21) EP15781434.4
(47) 25.07.2018
(87) IB2015057325
07.04.2016
(22) 23.09.2015
(54) SILICON INTEGRATED MIRROR-LIKE THERMOELECTRIC GENERATOR OF OUT-OF-PLANE HEAT FLUX CONFIGURATION
(73) Consorzio Delta Ti Research
(72) MASCOLO, Danilo
BUOSCIOLO, Antonietta
GISON, Italo
GAMMARIELLO, Giuseppe
(31) MI20141712
(32) 01.10.2014
(33) Italy

(51) H01L 41/08
H01L 49/02
H01L 41/319
(11) EP2926382
(21) EP13799038.8
(47) 25.07.2018
(87) EP2013075189
05.06.2014
(22) 30.11.2013
(54) PREFERENTIALLY ORIENTED PEROVSKITE-RELATED THIN FILM
(73) Universiteit Gent
(72) BEECKMAN, Jeroen
NEYTS, Kristiaan
GEORGE, John Puthenparampil
(31) 12195184
(32) 30.11.2012
(33) European Patent Office (EPO)

(51) H01L 51/40
H01L 27/28
(11) EP1866965

(21) EP06726620.5
(47) 25.07.2018
(87) GB2006001216
12.10.2006
(22) 03.04.2006
(54) METHOD OF PRODUCING PLURALITY OF ORGANIC TRANSISTORS USING LASER PATTERNING
(73) Flexenable Limited
(72) CAIN, Paul A.
HAYTON, Carl, Plastic Logic Limited
MENON, Anoop
BROWN, Thomas M., Universita Degli Studi Di Roma
(31) 0506896
(32) 05.04.2005
(33) United Kingdom

(51) H01L 51/50
H01L 51/52
(11) EP1845568
(21) EP07007529.6
(47) 25.07.2018
(22) 12.04.2007
(54) Organic electroluminescence device and method for fabricating the same
(73) LG Display Co., Ltd.
(72) Park, Sang Tae LG Electronics Inc. IP Group
Kim, Myung Seop
Lee, Jae Man
Cha, Eun Soo
Pieh, Sung Hoon
Lee, Kyung Hoon
Sung, Chang Je
(31) 20060033463
(32) 13.04.2006
(33) Korea (Republic)

(51) H01L 51/52
H01L 27/32
(11) EP2819201
(21) EP14169419.0
(47) 25.07.2018
(22) 22.05.2014
(54) Organic light emitting device
(73) LG Display Co., Ltd.
(72) Kim, Shinhan
Joung, SeungRyong
Ahn, So Yeon
Kim, Taeshick
(31) 20130075881
(32) 28.06.2013
(33) Korea (Republic)

(51) H01L 51/52
H01L 51/44
(11) EP2579686
(21) EP11789503.7
(47) 25.07.2018
(87) JP2011054627
08.12.2011
(22) 01.03.2011
(54) ELECTRODE FOIL AND ORGANIC DEVICE
(73) Mitsui Mining & Smelting Co., Ltd
(72) MATSUURA Yoshinori
KITAJIMA Nozomu
ABE Naohiko
(31) 2010175420
2010129064
(32) 04.08.2010
04.06.2010
(33) Japan
Japan

(51) H01L 51/52
H01L 51/44
(11) EP1745519
(21) EP05740877.5
(47) 25.07.2018
(87) KR2005001381
17.11.2005
(22) 11.05.2005
(54) ORGANIC ELECTRONIC DEVICE
(73) LG Display Co., Ltd.
(72) KANG, Minsoo
SON, Sae-Hwan
CHOI, Hyeon, 203-601 Expo Apt.
JANG, Jun-Gi
JEON, Sang-Young
KIM, Yeon-Hwan, 1603-905 Munchon Maeul
YOON, Seokhee
HAN, Young-Kyu, 121-203 Hanbit Apt.
(31) 2004033045
(32) 11.05.2004
(33) Korea (Republic)

(51) H01L 51/54
C07F 15/00
C09K 11/06
(11) EP3227936
(21) EP15807983.0
(47) 25.07.2018
(87) GB2015053670
09.06.2016
(22) 01.12.2015
(54) LUMINESCENT PALLADIUM(0) AND PLATINUM(0) CARBENE COMPLEXES FOR OLEDS
(73) University Court of The University of St Andrews
(72) CAZIN, Catherine
SAMUEL, Ifor David William
ZYSMAN-COLMAN, Eli
(31) 201421390
(32) 02.12.2014
(33) United Kingdom

(51) H01M 2/02
B32B 15/08
H01G 11/78
B32B 15/20
B32B 27/32
B32B 7/12
B32B 15/04
B32B 27/20
B32B 27/30
B32B 27/36
(11) EP3051605
(21) EP14848420.7
(47) 25.07.2018
(87) JP2014074105
02.04.2015
(22) 11.09.2014
(54) OUTER PACKAGE FOR POWER STORAGE DEVICE
(73) Toppan Printing Co., Ltd.
(72) OONO Naoto
MURATA Koji
(31) 2013197043
(32) 24.09.2013
(33) Japan

(51) H01M 2/02
H01M 2/34
H01M 2/10
H01M 2/20
H01M 10/052
(11) EP2533319
(21) EP11737278.9
(47) 25.07.2018
(87) KR2011000538
04.08.2011
(22) 26.01.2011
(54) BATTERY CELL BINDING BODY HAVING A NOVEL STRUCTURE AND A BATTERY PACK COMPRISING THE SAME
(73) LG Chem, Ltd.
(72) BANG, Seunghyun
KIM, SooRyoung
PARK, Youngsun
KIM, Chunyeon
(31) 20100009178
(32) 01.02.2010
(33) Korea (Republic)

(51) H01M 2/02
H01M 4/13
H01M 4/66
H01M 10/04
H01M 4/80
H01M 10/052
H01M 10/058
H01M 4/131
H01M 10/0585
(11) EP3151304
(21) EP15188137.2
(47) 25.07.2018
(22) 02.10.2015
(54) BUTTON CELL ON A LITHIUM ION BASIS
(73) VARTA Microbattery GmbH
(72) Fischer, Claus-Christian
Gaugler, Winfried
Kilibarda, Goran
Kreidler, Bernd
Siwek, Hanna

(51) H01M 2/02
H01M 10/39
H01M 10/42
H01M 2/10
H01M 10/658
H01M 10/60
(11) EP2328202
(21) EP09811261.8
(47) 25.07.2018
(87) JP2009004265
11.03.2010
(22) 31.08.2009
(54) BATTERY PACK
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) IWAMOTO, Kazuya
YAMAMOTO, Taisuke
(31) 2008228965
(32) 05.09.2008
(33) Japan

(51) H01M 2/10
(11) EP1668720
(21) EP04774712.6

(47) 25.07.2018
(87) KR2004002462
07.04.2005
(22) 24.09.2004
(54) PACKING STRUCTURE FOR LITHIUM ION POLYMER BATTERY
(73) LG Chem, Ltd.
(72) KIM, Kyung-Joon
LEE, Hyang-Mok
HONG, Ki-Chul
HWANG, Sung-Min
CHOO, Sung-Choon
LEE, Kyu-Seong
(31) 2003068218
(32) 01.10.2003
(33) Korea (Republic)

(51) H01M 2/10
H01M 2/02
H01M 2/20
H01M 10/65
H01M 10/04
H01M 10/48
H01M 10/647
H01M 10/6551
H01M 10/6555
H01M 10/613
(11) EP3079183
(21) EP15773356.9
(47) 25.07.2018
(87) KR2015003264
08.10.2015
(22) 01.04.2015
(54) BATTERY MODULE ARRAY COMPRISING UNDER-BASE BAR
(73) LG Chem, Ltd.
(72) CHOI, Jong-Woon
KANG, Dal-Mo
(31) 20140039964
(32) 03.04.2014
(33) Korea (Republic)

(51) H01M 2/10
H01M 2/30
H01M 2/20
H01M 10/42
(11) EP3152791
(21) EP15727705.4
(47) 25.07.2018
(87) FR2015051402
10.12.2015
(22) 27.05.2015
(54) CONNECTION DEVICE FOR A BATTERY
(73) Commissariat à l'Energie Atomique et aux Energies Alternatives
Zodiac Aero Electric
(72) DE PAOLI, Lionel
BONNEFOUS, Edouard
DAUCHY, Julien
DESHAYES, Olivier
(31) 1455011
(32) 03.06.2014
(33) France

(51) H01M 2/10
H01M 10/04
H01M 10/052
(11) EP3136469
(21) EP16186031.7
(47) 25.07.2018
(22) 26.08.2016
(54) RECHARGEABLE BATTERY PACK
(73) Samsung SDI Co., Ltd.
(72) KIM, Myung-Chul
LIM, Ji-Soon
KIM, Heon-Hee
LEE, Jong-Hyun
(31) 20150121991
(32) 28.08.2015
(33) Korea (Republic)

(51) H01M 2/10
H01M 10/42
(11) EP2811542
(21) EP13182875.8
(47) 25.07.2018
(22) 03.09.2013
(54) Battery pack
(73) Samsung SDI Co., Ltd.
(72) Lee, Won-Il
(31) 201361830873 P
(32) 04.06.2013
(33) United States of America

(51) H01M 2/10
H01M 10/61
H01M 10/65
H01M 10/64
(11) EP2793310
(21) EP12856593.4
(47) 25.07.2018
(87) JP2012007908
20.06.2013
(22) 11.12.2012
(54) CELL MODULE PROVIDED WITH CELL BLOCK
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) TEMMYO, Hiroshi
OKUTANI, Oose
(31) 2011275634
(32) 16.12.2011
(33) Japan

(51) H01M 2/10
H01M 10/6562
B60L 11/18
B60L 3/00
B60L 3/12
(11) EP3174132
(21) EP15197054.8
(47) 25.07.2018
(22) 30.11.2015
(54) TRACTION BATTERY
(73) HOPPECKE Batterien GmbH & Co. KG.
(72) KESPER, Heinrich

(51) H01M 2/12
H01M 2/36
H01M 10/42
A62C 3/07
A62C 3/16
A62D 1/00
A62D 1/02
H01M 2/10
(11) EP2704802
(21) EP12718931.4
(47) 25.07.2018
(87) EP2012056864
08.11.2012
(22) 16.04.2012
(54) BATTERY HOUSING FOR LITHIUM-ION CELLS
(73) Robert Bosch GmbH
Samsung SDI Co., Ltd.
(72) WOEHRLE, Thomas
LEUTHNER, Stephan
(31) 102011075318
(32) 05.05.2011
(33) Germany

(51) H01M 2/20
H01M 10/48
B23K 26/244
B23K 26/32
B23K 101/36
B23K 101/38
(11) EP3190643
(21) EP16749429.3
(47) 25.07.2018
(87) KR2016001295
18.08.2016
(22) 05.02.2016
(54) BATTERY MODULE AND METHOD FOR CONNECTING FIRST AND SECOND ELECTRIC TERMINALS OF FIRST AND SECOND BATTERY CELLS TO FIRST VOLTAGE DETECTING MEMBER AND SECOND VOLTAGE DETECTING MEMBER OF INTERCONNECTING ASSEMBLY
(73) LG Chem, Ltd.
(72) MERRIMAN, Robert
YANG, Heekook
(31) 201514617344
(32) 09.02.2015
(33) United States of America

(51) H01M 2/26
H01M 2/30
H01M 2/10
H01M 2/20
H01M 2/02
(11) EP3116045
(21) EP15757816.2
(47) 25.07.2018
(87) JP2015054988
11.09.2015
(22) 23.02.2015
(54) ELECTRICITY STORAGE MODULE
(73) Sumitomo Wiring Systems, Ltd.
Sumitomo Electric Industries, Ltd.
AutoNetworks Technologies, Ltd.
(72) SHIMIZU, Hiroshi
HIRAMITSU, Hiroomi
(31) 2014041430
(32) 04.03.2014
(33) Japan

(51) H01M 2/26
H01M 4/04
H01M 10/04
B21D 28/34
(11) EP3032609
(21) EP14849092.3
(47) 25.07.2018
(87) KR2014007675
02.04.2015
(22) 19.08.2014
(54) NOTCHING APPARATUS HAVING SCRAP REMOVING PART
(73) LG Chem, Ltd.

(72) KIM, Hyejung
KIM, Minsu
CHO, Yeonha
HAN, Changmin
HA, Kyunghwa
LEE, Jinhee
(31) 20130113183
(32) 24.09.2013
(33) Korea (Republic)

(51) H01M 4/04
H01M 4/133
H01M 4/587
H01M 4/38
H01M 4/48
H01M 4/58
H01M 4/66
H01M 10/0525
(11) EP3086385
(21) EP15200069.1
(47) 25.07.2018
(22) 15.12.2015
(54) ELECTRODE MATERIAL, SECONDARY BATTERY INCLUDING THE SAME, AND MANUFACTURING METHODS THEREOF
(73) Samsung Electronics Co., Ltd
(72) SHIN, Hyeonjin
LEE, Dongwook
PARK, Seongjun
(31) 20150056002
(32) 21.04.2015
(33) Korea (Republic)

(51) H01M 4/04
H01M 4/58
H01M 4/62
H01M 4/38
(11) EP3138144
(21) EP15720078.3
(47) 25.07.2018
(87) EP2015059479
05.11.2015
(22) 30.04.2015
(54) ELECTRODE FABRICATION METHODS AND ASSOCIATED ARTICLES
(73) BASF SE
Sion Power Corporation
(72) SCHMIDT, Rüdiger
SCHNEIDER, Holger
LEITNER, Klaus
KULISCH, Joern
KELLEY, Tracy Earl
BURNSIDE-JOUBERT, Savannah
(31) 201461987271 P
(32) 01.05.2014
(33) United States of America

(51) H01M 4/131
H01M 4/36
H01M 4/485
H01M 10/0525
H01M 2/10
H01M 10/0569
H01M 4/02
(11) EP3145000
(21) EP16187373.2
(47) 25.07.2018
(22) 06.09.2016
(54) ELECTRODE, NONAQUEOUS ELECTROLYTE BATTERY, BATTERY PACK AND VEHICLE
(73) Kabushiki Kaisha Toshiba
(72) Hoshina, Keigo
Harada, Yasuhiro
Takami, Norio
(31) 2015182759
(32) 16.09.2015
(33) Japan

(51) H01M 4/48
H01M 4/38
H01M 4/36
C01G 1/02
H01M 10/052
H01M 4/13
H01M 4/62
H01M 4/485
(11) EP2897200
(21) EP13830139.5
(47) 25.07.2018
(87) KR2013009749
08.05.2014
(22) 30.10.2013
(54) POROUS COMPLEX, AND METHOD FOR PREPARING SAME
(73) LG Chem, Ltd.
(72) YOO, Jung Woo
LEE, Yong Ju
KANG, Yoon Ah
LEE, Mi Rim
KIM, Je Young
(31) 20120122376
20130129620
(32) 31.10.2012
29.10.2013
(33) Korea (Republic)
Korea (Republic)

(51) H01M 4/505
H01M 4/525
C01G 45/12
C01G 51/00
C01G 53/00
H01M 4/36
H01M 10/052
H01M 4/02
H01M 4/04
(11) EP1716609
(21) EP04808658.1
(47) 25.07.2018
(87) KR2004003530
14.07.2005
(22) 30.12.2004
(54) ELECTRODE ACTIVE MATERIAL POWDER WITH SIZE DEPENDENT COMPOSITION AND METHOD TO PREPARE THE SAME
(73) LG Chem, Ltd.
(72) PAULSEN, Jens Martin
PARK, Hong-Kyu
KIM, Mun-Ju
(31) 533225 P
(32) 31.12.2003
(33) United States of America

(51) H01M 4/58
C01B 25/45
C01B 25/455
H01M 4/36
H01M 4/62
C01B 25/37
(11) EP3066708
(21) EP13792871.9
(47) 25.07.2018
(87) EP2013073370
14.05.2015
(22) 08.11.2013
(54) METHOD OF MANUFACTURING AN ELECTRODE MATERIAL, ELECTRODE MATERIAL AND VEHICLE COMPRISING A BATTERY INCLUDING SUCH AN ELECTRODE MATERIAL
(73) Max-Planck-Gesellschaft zur Förderung der Wissenschaften
(72) ZHU, Changbao
YU, Yan
MAIER, Joachim

(51) H01M 4/58
C01B 25/45
H01M 4/36
H01M 10/054
(11) EP2860800
(21) EP13804877.2
(47) 25.07.2018
(87) JP2013063217
19.12.2013
(22) 10.05.2013
(54) POSITIVE ELECTRODE MATERIAL FOR SODIUM BATTERIES AND METHOD FOR PRODUCING SAME
(73) Toyota Jidosha Kabushiki Kaisha
(72) NOSE, Masafumi
(31) 2012132810
2012250516
(32) 12.06.2012
14.11.2012
(33) Japan
Japan

(51) H01M 4/88
B01J 27/24
B01J 37/02
H01M 4/86
H01M 4/90
H01M 8/02
H01M 8/10
(11) EP3089248
(21) EP14874107.7
(47) 25.07.2018
(87) JP2014072309
02.07.2015
(22) 26.08.2014
(54) ELECTRODE CATALYST INK COMPOSITION
(73) Showa Denko K.K.
(72) FUKUTA, Tatsuya
SATO, Takashi
YOSHIMURA, Masayuki
ITO, Yuji
(31) 2013272261
(32) 27.12.2013
(33) Japan

(51) H01M 6/42
H01M 4/72
H01M 2/20
H01M 10/42
H01M 10/637
H01M 10/625

H01M 10/617
H01M 10/48
H01M 10/0585
H01M 10/04
(11) EP2869386
(21) EP14188707.5
(47) 25.07.2018
(22) 13.10.2014
(54) ADAPTIVE CURRENT-COLLECTOR ELECTROCHEMICAL SYSTEM
(73) Palo Alto Research Center Incorporated
(72) Shrader, Eric J.
McHenry, Robert Sean
(31) 201314066639
(32) 29.10.2013
(33) United States of America

(51) H01M 8/0217
H01M 8/1213
C25B 13/04
H01M 8/1253
H01M 8/2425
H01M 8/124
(11) EP3101720
(21) EP15742797.2
(47) 25.07.2018
(87) JP2015052545
06.08.2015
(22) 29.01.2015
(54) CELL, CELL STACK DEVICE, MODULE AND MODULE-CONTAINING DEVICE
(73) Kyocera Corporation
(72) IWASAKI,Kenichi
(31) 2014014432
(32) 29.01.2014
(33) Japan

(51) H01M 8/04007
H01M 8/2475
H01M 8/241
H01M 8/249
H01M 8/2483
(11) EP2962353
(21) EP14708211.9
(47) 25.07.2018
(87) EP2014053370
04.09.2014
(22) 20.02.2014
(54) FUEL CELL SYSTEM
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) HAASE, Stefan
SCHMID, Johannes
(31) 102013203319
(32) 27.02.2013
(33) Germany

(51) H01M 8/04746
H01M 8/04701
H01M 8/04664
H01M 8/04007
H01M 8/1018
(11) EP2416416
(21) EP10758298.3
(47) 25.07.2018
(87) JP2010002414
07.10.2010
(22) 01.04.2010
(54) FUEL CELL SYSTEM
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) YASUDA, Shigeki
KUSUMURA, Koichi
TAGUCHI, Kiyoshi
TAMURA, Yoshio
(31) 2009089440
(32) 01.04.2009
(33) Japan

(51) H01M 8/10
H01M 8/24
(11) EP2745343
(21) EP11870877.5
(47) 25.07.2018
(87) US2011048172
21.02.2013
(22) 18.08.2011
(54) FUEL CELL AND MEMBRANE THEREFOR
(73) Audi AG
(72) AINDOW, Tai-Tsui

(51) H01M 8/2404
H01M 8/1097
H01M 8/2465
H01M 8/00
(11) EP2917953
(21) EP13789620.5
(47) 25.07.2018
(87) GB2013052906
15.05.2014
(22) 06.11.2013
(54) FUEL CELL COMPONENTS
(73) Intelligent Energy Limited
(72) WILSON, Antony Richard
(31) 201220036
(32) 07.11.2012
(33) United Kingdom

(51) H01M 8/2475
(11) EP3161890
(21) EP15732202.5
(47) 25.07.2018
(87) EP2015063939
30.12.2015
(22) 22.06.2015
(54) CONTAINMENT FOR FUEL CELL SYSTEM, NOTABLY FOR AN UNDERWATER VEHICLE
(73) NAVAL GROUP
(72) ARCHER, Pascal
MELOT, Vincent
(31) 1401434
(32) 26.06.2014
(33) France

(51) H01M 10/04
H01M 10/0583
H01M 10/0585
H01M 10/052
H01M 2/02
(11) EP3062379
(21) EP14876738.7
(47) 25.07.2018
(87) KR2014010499
09.07.2015
(22) 04.11.2014
(54) HYBRID ELECTRODE ASSEMBLY HAVING STEPPED STRUCTURE
(73) LG Chem, Ltd.
(72) KIM, Young Hoon
SHIN, Young Joon
KWON, Sungjin
KIM, Dong-Myung
KIM, Ki Woong
(31) 20140001373
(32) 06.01.2014
(33) Korea (Republic)

(51) H01M 10/052
B82Y 30/00
C01G 49/00
H01M 4/485
C01G 45/12
H01M 4/505
H01M 4/525
(11) EP2784853
(21) EP13401030.5
(47) 25.07.2018
(22) 27.03.2013
(54) Lithium transistion metal titanate with a spinel structure, method for its manufacturing, its use, Li-ion cell and battery
(73) Karlsruher Institut für Technologie
(72) Chen, Ruiyong
Indris, Sylvio

(51) H01M 10/052
H01M 10/0565
(11) EP3002814
(21) EP15186213.3
(47) 25.07.2018
(22) 22.09.2015
(54) ELECTROLYTE, METHOD OF PREPARING THE ELECTROLYTE, AND SECONDARY BATTERY INCLUDING THE ELECTROLYTE
(73) Samsung Electronics Co., Ltd.
(72) MOON, Junhyuk
LEE, Myungjin
CHANG, Wonseok
KANG, Hyorang
(31) 20140129514
20150060088
(32) 26.09.2014
28.04.2015
(33) Korea (Republic)
Korea (Republic)

(51) H01M 10/052
H01M 10/0569
H01M 10/0565
H01G 11/60
H01G 11/64
(11) EP2803107
(21) EP13735575.6
(47) 25.07.2018
(87) US2013020983
18.07.2013
(22) 10.01.2013
(54) SILICONE EPOXY ETHER COMPOSITIONS, METHODS FOR MAKING SAME AND USES THEREFOR
(73) Momentive Performance Materials Inc.
(72) GUPTA, Neeraj
SIVASUBRAMANIAN, Karthikeyan
PHUKAN, Monjit
(31) 201261584961 P
(32) 10.01.2012
(33) United States of America

(51) H01M 10/0525
H01M 10/058
H01M 2/04
H01M 2/12

(11) EP2988346
(21) EP14785605.8
(47) 25.07.2018
(87) JP2014059012
23.10.2014
(22) 27.03.2014
(54) CELL CASE
(73) Soode Nagano Co., Ltd.
Nippon Light Metal Co., Ltd.
Nikkeikin Aluminium Core Technology Company, Ltd.
(72) KANAMORI Keiji
NOMURA Shinichi
MORIYAMA Yoshihiko
SODE Takayuki
SUGIYAMA Yukinori
(31) 2013085906
(32) 16.04.2013
(33) Japan

(51) H01M 10/054
H01M 4/139
H01M 4/1397
H01M 4/58
H01M 10/052
H01M 10/0525
H01M 10/0565
H01M 10/0566
H01M 4/04
H01M 4/136
H01M 4/62
(11) EP2839529
(21) EP13777797.5
(47) 25.07.2018
(87) JP2013061961
24.10.2013
(22) 17.04.2013
(54) ALKALI AND ALKALINE-EARTH ION BATTERIES WITH HEXACYANOMETALLATE CATHODE AND NON-METAL ANODE
(73) Sharp Kabushiki Kaisha
(72) LU, Yuhao
LEE, Jong-Jan
NISHIJIMA, Motoaki
KAKIMOTO, Seizoh
(31) 201213449195
201213523694
(32) 17.04.2012
14.06.2012
(33) United States of America
United States of America

(51) H01M 10/0567
H01M 10/0525
H01M 10/0569
H01M 4/134
H01M 4/587
(11) EP2597717
(21) EP13156071.6
(47) 25.07.2018
(22) 04.04.2008
(54) NONAQUEOUS ELECTROLYTE FOR SECONDARY BATTERY AND NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY EMPLOYING THE SAME
(73) Mitsubishi Chemical Corporation
(72) Tokuda, Hiroyuki
Kotato, Minoru
Kinoshita, Shinichi
(31) 2007099274
2007111931
2007111961
2007116442
2007116445
2007116450
(32) 05.04.2007
20.04.2007
20.04.2007
26.04.2007
26.04.2007
26.04.2007
(33) Japan
Japan
Japan
Japan
Japan
Japan

(51) H01M 10/0567
H01M 10/0568
H01M 10/0569
H01M 4/485
H01M 4/505
H01M 4/525
H01M 10/0525
(11) EP3146588
(21) EP15724501.0
(47) 25.07.2018
(87) US2015030807
26.11.2015
(22) 14.05.2015
(54) NONAQUEOUS ELECTROLYTE COMPOSITIONS COMPRISING CYCLIC SULFATES AND LITHIUM BORATES
(73) SOLVAY SA
(72) DUBOIS, Charles J.
KOURTAKIS, Kostantinos
LIU, Jun J.
ROELOFS, Mark Gerrit
(31) 201462002349 P
201462020087 P
201462029009 P
(32) 23.05.2014
02.07.2014
25.07.2014
(33) United States of America
United States of America
United States of America

(51) H01M 10/058
H01M 10/052
H01M 10/0566
H01M 2/16
H01M 4/131
H01M 10/04
H01M 10/44
(11) EP2518811
(21) EP09852579.3
(47) 25.07.2018
(87) JP2009071658
30.06.2011
(22) 25.12.2009
(54) PROCESS FOR PRODUCTION OF LITHIUM ION SECONDARY BATTERY
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) NAKANO, Tomohiro
NAGAI, Hiroki

(51) H01M 10/65
H01M 10/655
H01M 10/6552
H01M 10/6557
H01M 2/10
H01M 2/20
H01M 10/625
H01M 10/647
H01M 10/6556
H01M 10/6567
H01M 10/613
H01M 10/48
(11) EP3136497
(21) EP15799133.2
(47) 25.07.2018
(87) KR2015004935
03.12.2015
(22) 18.05.2015
(54) BATTERY MODULE INCLUDING WATER COOLING STRUCTURE
(73) LG CHEM, LTD.
(72) KIM, Tae Hyuck
ROH, Tae Hwan
LEE, Yoonhee
LEE, Jin Kyu
JUNG, Junhee
(31) 20140064823
(32) 29.05.2014
(33) Korea (Republic)

(51) H01M 10/655
H01M 10/6563
H01M 10/6551
H01M 2/10
H01M 10/04
H01M 10/625
H01M 10/627
H01M 10/647
H01M 10/6557
H01M 10/6566
H01M 10/613
H01M 10/42
(11) EP3125356
(21) EP15789722.4
(47) 25.07.2018
(87) KR2015004532
12.11.2015
(22) 07.05.2015
(54) BATTERY PACK AND METHOD FOR ASSEMBLING SAME
(73) LG Chem, Ltd.
(72) MERRIMAN, Robert
YANG, Heekook
(31) 201414273572
(32) 09.05.2014
(33) United States of America

(51) H01P 1/06
H01P 1/162
H01P 1/17
H01P 1/18
H01P 1/22
H01P 5/04
H01P 1/165
(11) EP2889950
(21) EP14196599.6
(47) 25.07.2018
(22) 05.12.2014
(54) Compact amplitude and phase trimmer
(73) Honeywell International Inc.
(72) Hoover, John C.

(31) 201314139392
(32) 23.12.2013
(33) United States of America

(51) H01P 1/165
H01Q 15/00
H01Q 15/24
(11) EP2688136
(21) EP11854538.3
(47) 25.07.2018
(87) CN2011082810
20.09.2012
(22) 24.11.2011
(54) METAMATERIAL POLARIZATION CONVERTER
(73) Kuang-chi Innovative Technology Ltd.
Kuang-Chi Institute of Advanced Technology
(72) LIU, Ruopeng
XU, Guanxiong
JI, Chunlin
YUE, Yutao
LIAO, Zhen
(31) 201110061752
201110111506
(32) 15.03.2011
30.04.2011
(33) China
China

(51) H01P 1/207
H01P 1/213
H04B 1/26
(11) EP2960981
(21) EP14753489.5
(47) 25.07.2018
(87) JP2014052100
28.08.2014
(22) 30.01.2014
(54) WAVEGUIDE-TYPE IMAGE REJECTION FILTER, SINGLE-SIDEBAND RECEIVER UTILIZING SAME
(73) Osaka Prefecture University Public Corporation
(72) HASEGAWA, Yutaka
OGAWA, Hideo
ASAYAMA, Shin'ichiro
(31) 2013030066
(32) 19.02.2013
(33) Japan

(51) H01P 1/30
H01P 3/12
(11) EP2306585
(21) EP10176896.8
(47) 25.07.2018
(22) 15.09.2010
(54) Method and apparatus for preventing energy leakage from electrical transmission lines
(73) Bruker BioSpin Corporation
(72) Bez, Eckhard
Rosay, Melanie
Tometich, Leo
(31) 571930
(32) 01.10.2009
(33) United States of America

(51) H01Q 1/22
(11) EP2237366
(21) EP10003625.0
(47) 25.07.2018
(22) 31.03.2010
(54) Information communication device and antenna
(73) Sony Interactive Entertainment Inc.
(72) Nozawa, Tetsufumi
(31) 2009090573
(32) 02.04.2009
(33) Japan

(51) H01Q 1/24
H01Q 9/04
(11) EP2410606
(21) EP11164842.4
(47) 25.07.2018
(22) 04.05.2011
(54) Mobile wireless communications device with shunt component and related methods
(73) BlackBerry Limited
(72) Wong, Joshua Kwan Ho
Whitmore, John Alfred
Cooke, Adrian Matthew
Downs, Steven Eugene
Van Wonterghem, Jari Kristian
(31) 367113 P
(32) 23.07.2010
(33) United States of America

(51) H01Q 1/24
H04B 10/69
(11) EP2926182
(21) EP13859312.4
(47) 25.07.2018
(87) IL2013000084
05.06.2014
(22) 27.11.2013
(54) A MONOLITHIC OPTICAL RECEIVER AND A METHOD FOR MANUFACTURING SAME
(73) Oryx Vision Ltd.
(72) BEN-BASSAT, David
(31) 201261731711 P
(32) 30.11.2012
(33) United States of America

(51) H01Q 1/42
H01Q 1/24
H01Q 1/38
H01Q 1/52
(11) EP2355244
(21) EP10194190.4
(47) 25.07.2018
(22) 08.12.2010
(54) Built-in antenna for portable terminal
(73) Samsung Electronics Co., Ltd.
(72) Byun, Joon-Ho
Jeong, Seong-Tae
Cho, Bum-Jin
Hwang, Soon-Ho
(31) 20100008372
(32) 29.01.2010
(33) Korea (Republic)

(51) H01Q 3/26
G01S 13/44
G01S 7/40
(11) EP2476163
(21) EP10752379.7
(47) 25.07.2018
(87) GB2010051449
17.03.2011
(22) 02.09.2010
(54) Antenna failure compensation
(73) BAE Systems PLC
(72) JONES, David, Kelvin
(31) 0915753
09275073
(32) 09.09.2009
09.09.2009
(33) United Kingdom
European Patent Office (EPO)

(51) H01Q 9/04
H01Q 1/24
H01Q 9/42
H01Q 13/10
(11) EP2996198
(21) EP15184722.5
(47) 25.07.2018
(22) 10.09.2015
(54) A WIDEBAND ANTENNA FOR MOBILE SYSTEM WITH METAL BACK COVER
(73) BlackBerry Limited
(72) GU, Huanhuan
KANJ, Houssam
ALI, Shirook M.
(31) 201414486772
(32) 15.09.2014
(33) United States of America

(51) H01Q 9/04
H01Q 21/06
H01Q 21/00
(11) EP2838159
(21) EP14162443.7
(47) 25.07.2018
(22) 28.03.2014
(54) Wideband patch antennas and antenna arrays
(73) Nuctech Company Limited
Tsinghua University
(72) Zhao, Ziran
Chen, Zhiqiang
Li, Yuanjing
Wu, Wanlong
Liu, Yinong
Yang, Jieqing
Liu, Wenguo
Sang, Bin
Zheng, Lei
(31) 201310356878
(32) 15.08.2013
(33) China

(51) H01Q 9/42
H01Q 5/328
(11) EP2815459
(21) EP13704641.3
(47) 25.07.2018
(87) US2013021551
22.08.2013
(22) 15.01.2013
(54) ELECTRONIC DEVICE ANTENNAS WITH FILTER AND TUNING CIRCUITRY
(73) Apple Inc.
(72) MCMILIN, Emily, B.
LI, Qingxiang
SCHLUB, Robert, W.
(31) 201213399800
(32) 17.02.2012
(33) United States of America

(51) H01Q 15/00
H01Q 15/10
H01Q 15/14
H01Q 15/23
H01Q 19/06

H01Q 19/10
G02B 1/118
(11) EP2738872
(21) EP11870155.6
(47) 25.07.2018
(87) CN2011082443
31.01.2013
(22) 18.11.2011
(54) FRONT FEED SATELLITE TELEVISION ANTENNA AND SATELLITE TELEVISION RECEIVER SYSTEM THEREOF
(73) Kuang-Chi Innovative Technology Ltd.
Kuang-Chi Institute of Advanced Technology
(72) LIU, Ruopeng
JI, Chunlin
YUE, Yutao
WANG, Jinjin
HONG, Yunnan
(31) 201110210218
201110210273
201110242625
201110242627
(32) 26.07.2011
26.07.2011
23.08.2011
23.08.2011
(33) China
China
China
China

(51) H01Q 19/12
H04N 21/442
H04N 21/61
H04N 21/414
(11) EP2441124
(21) EP10727288.2
(47) 25.07.2018
(87) US2010038035
16.12.2010
(22) 09.06.2010
(54) OMNIDIRECTIONAL SWITCHABLE BROADBAND ANTENNA SYSTEM
(73) The DirecTV Group, Inc.
(72) NORIN, John, L.
(31) 185552 P
(32) 09.06.2009
(33) United States of America

(51) H01Q 21/06
H01Q 21/00
(11) EP2676327
(21) EP12702554.2
(47) 25.07.2018
(87) EP2012052066
23.08.2012
(22) 07.02.2012
(54) ARRAY ANTENNA
(73) Huber+Suhner AG
(72) KLEFENZ, Frank
HUEGEL, Ulf
(31) 277112011
(32) 17.02.2011
(33) Switzerland

(51) H01Q 21/08
H01Q 21/00
(11) EP3109942
(21) EP14885247.8
(47) 25.07.2018
(87) CN2014073269
17.09.2015
(22) 12.03.2014
(54) ARRAY ANTENNA
(73) Huawei Technologies Co., Ltd.
(72) CHENG, Yujian
CHEN, Yi

(51) H01Q 21/24
H01Q 19/10
H01Q 1/24
H01Q 9/26
H01Q 9/28
H01Q 21/26
H01Q 21/06
(11) EP2378610
(21) EP09837354.1
(47) 25.07.2018
(87) CN2009075661
15.07.2010
(22) 17.12.2009
(54) DUAL POLARIZATION RADIATION UNIT AND PLANAR DIPOLE THEREOF
(73) Comba Telecom System (China) Ltd.
(72) LIU, Liangtao
(31) 200910036577
(32) 12.01.2009
(33) China

(51) H01R 4/30
H01R 9/05
H01R 13/6593
(11) EP3186856
(21) EP15756800.7
(47) 25.07.2018
(87) US2015046696
03.03.2016
(22) 25.08.2015
(54) ELECTRICAL ASSEMBLY HAVING A THREADED COUPLING NUT AND RETAINING RING
(73) TE Connectivity Corporation
(72) MYONG, Inho
(31) 201414468802
(32) 26.08.2014
(33) United States of America

(51) H01R 9/03
H01R 13/66
B60R 16/02
(11) EP2792025
(21) EP12783146.9
(47) 25.07.2018
(87) EP2012070361
20.06.2013
(22) 15.10.2012
(54) ELECTRICAL CONNECTING STRUCTURE COMPRISING AN ELECTRICAL PLUG CONNECTOR, AND AN ELECTRICAL ARRANGEMENT RELATING THERETO
(73) Robert Bosch GmbH
(72) HOFMEISTER, Werner
SAUR, Martin
BAHR, Markus
LUX, Markus
(31) 102011088333
(32) 13.12.2011
(33) Germany

(51) H01R 9/26
H01R 13/629
(11) EP3069414
(21) EP14818866.7
(47) 25.07.2018
(87) EP2014002859
21.05.2015
(22) 22.10.2014
(54) TEST PLUG BLOCK
(73) Phoenix Contact GmbH & Co. KG
(72) KLOPPENBURG, Christian
(31) 102013019066
(32) 15.11.2013
(33) Germany

(51) H01R 12/58
(11) EP2610970
(21) EP12199794.4
(47) 25.07.2018
(22) 31.12.2012
(54) SOLDERABLE CONTACT PIN FOR PRINTED CIRCUIT BOARDS AND PROCESS FOR MANUFACTURING AN ELECTRONIC DEVICE
(73) VIMERCATI S.p.A.
(72) Boano, Marco
(31) TO20111245
(32) 30.12.2011
(33) Italy

(51) H01R 13/24
H01R 12/71
H01R 13/6474
(11) EP2937950
(21) EP15164124.8
(47) 25.07.2018
(22) 17.04.2015
(54) CONNECTOR
(73) Fujitsu Component Limited
(72) Kondo, Takahiro
Sato, Koki
Kobayashi, Mitsuru
(31) 2014090557
(32) 24.04.2014
(33) Japan

(51) H01R 13/405
H01R 4/34
H01R 11/12
(11) EP2712031
(21) EP12785262.2
(47) 25.07.2018
(87) JP2012062964
22.11.2012
(22) 21.05.2012
(54) CONNECTOR
(73) Yazaki Corporation
(72) SUZUKI Toru
KATO Hajime
(31) 2011112285
(32) 19.05.2011
(33) Japan

(51) H01R 13/502
B60L 11/18
H01R 13/52
H01R 13/639
H01R 13/633
H01R 13/627
(11) EP2955793
(21) EP13878610.8
(47) 25.07.2018
(87) JP2013057893
25.09.2014

(22) 19.03.2013
(54) VEHICLE-SIDE CONNECTOR
(73) Sumitomo Wiring Systems, Ltd.
(72) SHIMIZU Tooru
MATSUDA Toshiyuki

(51) H01R 13/52
B60L 11/18
(11) EP2955795
(21) EP13879027.4
(47) 25.07.2018
(87) JP2013057890
25.09.2014
(22) 19.03.2013
(54) VEHICLE-SIDE CONNECTOR
(73) Sumitomo Wiring Systems, Ltd.
(72) MATSUDA Toshiyuki

(51) H01R 13/52
H01R 13/645
H01R 13/512
(11) EP2839551
(21) EP12867964.4
(47) 25.07.2018
(87) US2012054296
15.08.2013
(22) 07.09.2012
(54) JUMPER CABLE PLUG WITH MOISTURE RESISTANT SEAL
(73) R.A. Phillips Industries, Inc.
(72) PULUC, Oscar, A.
GUO, Zhimim
PETERSON, Thomas, D.
(31) 201213368249
(32) 07.02.2012
(33) United States of America

(51) H01R 13/527
H01R 13/74
H02G 3/08
(11) EP2439818
(21) EP11184218.3
(47) 25.07.2018
(22) 06.10.2011
(54) Explosion-proof connector
(73) Yokogawa Electric Corporation
(72) Mochizuki, Satoshi
Maeda, Naoki
(31) 2010228545
(32) 08.10.2010
(33) Japan

(51) H01R 13/527
H01R 31/06
(11) EP2356725
(21) EP09827851.8
(47) 25.07.2018
(87) US2009006063
27.05.2010
(22) 12.11.2009
(54) UNIVERSAL PROCESS TRANSMITTER CONNECTOR
(73) Rosemount Inc.
(72) BAUSCHKE, Dirk
LARSON, Todd
ARNTSON, Douglas, Wayne
DOAN, Nga
(31) 313226
(32) 18.11.2008
(33) United States of America

(51) H01R 13/58
H01R 13/595
H01R 9/24
(11) EP2814119
(21) EP14172322.1
(47) 25.07.2018
(22) 13.06.2014
(54) An electrical component
(73) Schneider Electric Danmark A/S
(72) Jensen, Per
(31) 13171783
(32) 13.06.2013
(33) European Patent Office (EPO)

(51) H01R 13/639
H01R 13/641
H01R 13/627
(11) EP3047545
(21) EP14766709.1
(47) 25.07.2018
(87) EP2014069682
19.03.2015
(22) 16.09.2014
(54) SPRING-LOCK CONNECTOR
(73) Tyco Electronics France SAS
(72) PAMART, Olivier
SIMON, Nicolas
(31) 1358887
1361571
(32) 16.09.2013
25.11.2013
(33) France
France

(51) H01R 13/64
H01R 13/639
H01R 13/629
H01R 13/62
H01R 13/436
(11) EP2235799
(21) EP09703761.8
(47) 25.07.2018
(87) US2009031390
30.07.2009
(22) 19.01.2009
(54) ELECTRICAL CONNECTOR
(73) Delphi International Operations Luxembourg S.à r.l.
(72) CAMPBELL, Jeffrey S.
HOLUB, Franklin A.
JOHANNES, Richard A.
CARRER, Louis M.
(31) 62216 P
316520
(32) 23.01.2008
12.12.2008
(33) United States of America
United States of America

(51) H01R 13/6591
H01R 4/242
H01R 4/2429
H01R 13/6467
H01R 13/6594
H01R 24/64
H05K 1/02
H05K 1/18
H01R 13/6466
H01R 13/66
(11) EP2315317
(21) EP10187962.5
(47) 25.07.2018
(22) 19.10.2010
(54) A communications outlet and method of reducing alien crosstalk
(73) Leviton Manufacturing Co., Inc.
(72) Marti, Franklin C.
Poulsen, Jeffrey Alan
Erickson, Jason
Seefried, Jeffrey P.
(31) 604207
(32) 22.10.2009
(33) United States of America

(51) H01R 13/66
H01R 13/688
H01R 24/30
(11) EP3076497
(21) EP16160663.7
(47) 25.07.2018
(22) 16.03.2016
(54) PLUG WITH FUSE AND TEMPERATURE SENSOR
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) KAWAMOTO, Takashi
BESSYO, Keisuke
(31) 2015074237
(32) 31.03.2015
(33) Japan

(51) H01R 25/16
H01R 13/11
(11) EP2461431
(21) EP11188262.7
(47) 25.07.2018
(22) 08.11.2011
(54) Dual contact beam terminal
(73) Delphi Technologies, Inc.
(72) Blasko, Raymond J.
McCall, Mark D.
Lam, Paul S.
(31) 961099
(32) 06.12.2010
(33) United States of America

(51) H01R 31/08
H01R 13/6587
H01R 12/71
H01R 4/48
(11) EP2779326
(21) EP14159161.0
(47) 25.07.2018
(22) 12.03.2014
(54) Electrical connector comprising a shunt and electrical connector assembly comprising two such connectors
(73) Amphenol Corporation
(72) Weinstein, David I.
Barthelmes, Owen R.
Hoyack, Michael A.
(31) 201313828944
(32) 14.03.2013
(33) United States of America

(51) H01R 39/64
H01R 24/68
H01R 35/04
A61L 9/00
H01R 13/58
H01R 103/00
(11) EP2771951
(21) EP12795114.3
(47) 25.07.2018

(87) US2012061785
10.05.2013
(22) 25.10.2012
(54) ROTATABLE PLUG ASSEMBLY AND METHOD OF REDUCING STRAIN IN A WIRE
(73) S.C.JOHNSON & SON, INC.
(72) RICHARD, Jesse
(31) 201113284283
(32) 28.10.2011
(33) United States of America

(51) H01S 3/08
H04B 10/50
H04J 14/02
(11) EP3058627
(21) EP14853262.5
(47) 25.07.2018
(87) US2014060625
23.04.2015
(22) 15.10.2014
(54) OPERATION AND STABILIZATION OF MOD-MUX WDM TRANSMITTERS BASED ON SILICON MICRORINGS
(73) Elenion Technologies, LLC
(72) BAEHR-JONES, Thomas
LIU, Yang
DING, Ran
(31) 201361891025 P
(32) 15.10.2013
(33) United States of America

(51) H01T 1/14
H02H 9/04
(11) EP2780990
(21) EP12801473.5
(47) 25.07.2018
(87) EP2012072850
23.05.2013
(22) 16.11.2012
(54) METHOD AND CIRCUIT ARRANGEMENT FOR DISCONNECTING AN ELECTRICAL CONNECTION BETWEEN TWO CONNECTING POINTS
(73) Phoenix Contact GmbH & Co. KG
(72) METZGER, Andreas
FINIS, Gernot
LANGE, Ralf
STRIEWE, Martin
BEHNKE, Sven
(31) 102011055425
(32) 16.11.2011
(33) Germany

(51) H01T 4/06
H01T 4/04
(11) EP2919337
(21) EP15158977.7
(47) 25.07.2018
(22) 13.03.2015
(54) PLUG-IN COMBINATION OF DEVICES
(73) Phoenix Contact GmbH & Co. KG
(72) Meyer, Thomas
Pförtner, Steffen
(31) 102014103423
(32) 13.03.2014
(33) Germany

(51) H02B 1/36
H01H 71/08
(11) EP2525453
(21) EP11166517.0
(47) 25.07.2018
(22) 18.05.2011
(54) Parameter adjustment of an insertion module of an electric low voltage switching assembly
(73) Siemens Aktiengesellschaft
(72) Bömoser, Stefan
Prölß, Manfred

(51) H02G 1/12
H02K 15/00
(11) EP2564480
(21) EP10726317.0
(47) 25.07.2018
(87) IT2010000187
03.11.2011
(22) 28.04.2010
(54) APPARATUS AND METHOD FOR STRIPPING ELECTRICAL BAR CONDUCTORS, IN PARTICULAR FOR BAR WINDINGS OF ELECTRICAL MACHINES
(73) Tecnomatic S.p.A.
(72) GUERCIONI, Sante

(51) H02G 3/06
H02G 3/04
(11) EP3055913
(21) EP14796919.0
(47) 25.07.2018
(87) PL2014050062
16.04.2015
(22) 03.10.2014
(54) MULTI-MEMBER CHANNEL BAR
(73) Sielski, Kazimierz
(72) Sielski, Kazimierz
(31) 40557413
(32) 08.10.2013
(33) Poland

(51) H02G 3/22
B60R 16/02
H01B 17/58
H01R 13/52
H05K 7/00
(11) EP2654152
(21) EP11848133.2
(47) 25.07.2018
(87) JP2011079061
21.06.2012
(22) 15.12.2011
(54) LIQUID-PROOF STRUCTURE FOR WIRE HARNESS
(73) Yazaki Corporation
(72) KATO, Hajime
(31) 2010280613
(32) 16.12.2010
(33) Japan

(51) H02G 15/00
H01R 4/36
(11) EP3185380
(21) EP15202257.0
(47) 25.07.2018
(22) 23.12.2015
(54) A HIGH VOLTAGE POWER CABLE JOINT DEVICE AND A POWER CABLE COMPRISING THE SAME
(73) NKT HV Cables GmbH
(72) SALTZER, Markus
FÄLTH, Fredrik
AXELSSON, Fredrik

(51) H02J 1/08
H02M 1/44
H02J 1/06
H02J 1/10
(11) EP2643913
(21) EP10860001.6
(47) 25.07.2018
(87) SE2010051285
31.05.2012
(22) 22.11.2010
(54) POWER SUPPLY ARRANGEMENT FOR DISTRIBUTION OF POWER
(73) Saab AB
(72) DERMARK, Daniel
NETTELBLAD, Bo

(51) H02J 3/00
(11) EP3072200
(21) EP14806784.6
(47) 25.07.2018
(87) US2014066047
28.05.2015
(22) 18.11.2014
(54) HOLISTIC OPTIMIZATION OF DISTRIBUTION AUTOMATION USING SURVIVABILITY MODELING TO SUPPORT STORM HARDENING
(73) Siemens Aktiengesellschaft
(72) AVRITZER, Alberto
SURESH, Sindhu
(31) 201361906135 P
(32) 19.11.2013
(33) United States of America

(51) H02J 3/00
G06Q 50/06
H02J 3/32
H02J 7/35
H02J 13/00
(11) EP2924838
(21) EP13815363.0
(47) 25.07.2018
(87) JP2013070759
30.05.2014
(22) 31.07.2013
(54) ENERGY MANAGEMENT SYSTEM, ENERGY MANAGEMENT METHOD, PROGRAM, SERVER DEVICE, AND LOCAL SERVER
(73) Kabushiki Kaisha Toshiba
(72) KUBOTA, Kazuto
KATAYAMA, Kyosuke
MATSUE, Kiyotaka
WADA, Takahisa
TANIMOTO, Tomohiko
TAIRA, Hiroshi
(31) 2012255301
(32) 21.11.2012
(33) Japan

(51) H02J 3/00
H02J 3/24
H02J 13/00
(11) EP3136530
(21) EP15783447.4
(47) 25.07.2018
(87) JP2015060690
29.10.2015
(22) 06.04.2015
(54) VOLTAGE STABILITY-MONITORING DEVICE AND METHOD

(73) Hitachi, Ltd.
(72) KURODA Eisuke
SATO Yasuo
TOMOBE Osamu
YAMAZAKI Jun
YATSU Masahiro
HARA Kouichi
MIYOSHI Haruki
(31) 2014090829
(32) 25.04.2014
(33) Japan

(51) H02J 3/00
H02J 13/00
H02H 7/26
H02H 3/06
(11) EP2377222
(21) EP09796563.6
(47) 25.07.2018
(87) US2009069096
08.07.2010
(22) 22.12.2009
(54) HYBRID DISTRIBUTION NETWORK POWER RESTORATION CONTROL
(73) ABB Research Ltd.
(72) WANG, Zhenyuan
STOUPIS, James
DONDE, Vaibhav
LI, Wenping
PETERSON, William
(31) 141826 P
(32) 31.12.2008
(33) United States of America

(51) H02J 3/14
(11) EP2608349
(21) EP12193610.8
(47) 25.07.2018
(22) 21.11.2012
(54) System and method of controlling operation of electric device
(73) Kabushiki Kaisha Toshiba
(72) Naoi, Shinya
Noro, Yasuhiro
Kumazawa, Toshimitsu
Kiya, Genki
(31) 2011281944
(32) 22.12.2011
(33) Japan

(51) H02J 3/14
(11) EP2487768
(21) EP11194222.3
(47) 25.07.2018
(22) 19.12.2011
(54) Electric device and power management apparatus for changing demand response (DR) control level
(73) Samsung Electronics Co., Ltd.
(72) Lee, Do Gwan
Shin, Jin Chul
(31) 20110012016
(32) 10.02.2011
(33) Korea (Republic)

(51) H02J 3/14
B65G 1/00
G06Q 10/08
H02J 4/00
H02J 1/14
H02J 3/00
(11) EP2882060
(21) EP14194976.8
(47) 25.07.2018
(22) 26.11.2014
(54) Method for controlling an electrically powered conveyor
(73) viastore systems GmbH
(72) Hahn-Woernle, Paul
(31) 102013225026
(32) 05.12.2013
(33) Germany

(51) H02J 3/18
H02J 3/14
(11) EP2634886
(21) EP12194584.4
(47) 25.07.2018
(22) 28.11.2012
(54) Reactive power compensation
(73) Siemens Aktiengesellschaft
(72) Benz, Georg
(31) 102012203125
(32) 29.02.2012
(33) Germany

(51) H02J 3/38
(11) EP3114745
(21) EP14709612.7
(47) 25.07.2018
(87) EP2014054494
11.09.2015
(22) 07.03.2014
(54) CONTROL OF A MICROGRID
(73) ABB Schweiz AG
(72) MAJUMDER, Ritwik

(51) H02J 3/38
H02J 3/46
(11) EP2922168
(21) EP15156222.0
(47) 25.07.2018
(22) 24.02.2015
(54) CONTROL METHOD FOR A PLURALITY OF GENERATORS AND SYSTEM
(73) Korea Electronics Technology Institute
(72) Park, Joon Sung
Kim, Jin Hong
Choi, Jun Hyuk
Jung, In Sung
(31) 20140031803
(32) 18.03.2014
(33) Korea (Republic)

(51) H02J 3/38
H02J 5/00
H02M 1/36
(11) EP3001530
(21) EP15185918.8
(47) 25.07.2018
(22) 18.09.2015
(54) PHOTOVOLTAIC SYSTEM AND METHOD FOR CONTROLLING THE SAME
(73) Sungrow Power Supply Co., Ltd.
(72) NI, Hua
YU, Yanfei
DAI, Shangfang
YANG, Zongjun
ZHAO, Wei
(31) 201410508157
(32) 28.09.2014
(33) China

(51) H02J 5/00
H01F 38/14
(11) EP2092626
(21) EP07819650.8
(47) 25.07.2018
(87) EP2007009638
22.05.2008
(22) 07.11.2007
(54) ELECTRIC CONSUMER, SYSTEM AND METHOD
(73) SEW-EURODRIVE GmbH & Co. KG
(72) SCHMIDT, Josef
(31) 102006053682
(32) 13.11.2006
(33) Germany

(51) H02J 7/00
(11) EP2580839
(21) EP11792144.5
(47) 25.07.2018
(87) JP2011003209
15.12.2011
(22) 07.06.2011
(54) BATTERY CHARGING SYSTEM
(73) Nissan Motor Co., Ltd
(72) NAGAKURA, Hayato
KAZAMA, Isamu
(31) 2011091896
2010131978
(32) 18.04.2011
09.06.2010
(33) Japan
Japan

(51) H02J 7/00
(11) EP3148038
(21) EP14892824.5
(47) 25.07.2018
(87) CN2014086900
26.11.2015
(22) 19.09.2014
(54) CHARGING CONTROL METHOD AND APPARATUS, TERMINAL AND COMPUTER STORAGE MEDIUM
(73) ZTE Corporation
(72) WANG, Xiaowei
(31) 201410211643
(32) 19.05.2014
(33) China

(51) H02J 7/00
B60R 16/02
B60Q 1/00
(11) EP2744064
(21) EP12822736.0
(47) 25.07.2018
(87) JP2012069797
14.02.2013
(22) 03.08.2012
(54) POWER SUPPLY DEVICE
(73) Yazaki Corporation
(72) SATAKE, Shuuji
KANAZAWA, Akiyoshi
(31) 2011175840
(32) 11.08.2011
(33) Japan

(51) H02J 7/00
H02J 7/02
(11) EP2908403
(21) EP15155099.3
(47) 25.07.2018

(22) 13.02.2015
(54) Battery state control circuit, battery state control device, and battery pack
(73) Ricoh Company, Ltd.
(72) Yamamoto, Norifumi
Nakamura, Akira
(31) 2014026709
(32) 14.02.2014
(33) Japan

(51) H02J 7/00
H02J 7/04
(11) EP3001531
(21) EP14185989.2
(47) 25.07.2018
(22) 23.09.2014
(54) METHOD FOR CHARGING A RECHARGEABLE BATTERY OF AN ELECTRIC DEVICE
(73) Braun GmbH
(72) Loth-Krausser, Hartmut
Amann, Mathias
Wachter, Christian
Hild, Holger

(51) H02J 7/02
E02F 9/20
G01R 27/26
H01M 10/44
H01M 10/48
B60W 20/00
E02F 3/32
H01M 10/42
H02J 7/00
H02K 7/00
H02K 7/18
E02F 3/43
E02F 9/26
(11) EP2816705
(21) EP13749684.0
(47) 25.07.2018
(87) JP2013052508
22.08.2013
(22) 04.02.2013
(54) EXCAVATOR AND METHOD FOR CONTROLLING EXCAVATOR
(73) Sumitomo (S.H.I.) Construction Machinery Co., Ltd.
(72) TAKEO, Jitsutaka
(31) 2012033259
(32) 17.02.2012
(33) Japan

(51) H02J 7/02
G08C 17/02
(11) EP2356733
(21) EP09832050.0
(47) 25.07.2018
(87) KR2009006469
17.06.2010
(22) 05.11.2009
(54) METHOD AND SYSTEM OF RADIO FREQUENCY (RF) POWER TRANSMISSION IN A WIRELESS NETWORK
(73) Samsung Electronics Co., Ltd.
(72) ZHU, Chunhui
NGO, Chiu
(31) 329786
20090090231
(32) 08.12.2008
23.09.2009
(33) United States of America
Korea (Republic)

(51) H02J 7/14
B60L 11/00
(11) EP3087654
(21) EP14821784.7
(47) 25.07.2018
(87) FR2014053131
02.07.2015
(22) 02.12.2014
(54) METHOD AND SYSTEM OF BATTERY MANAGEMENT FOR AUTOMOTIVE VEHICLE
(73) Renault s.a.s
(72) HIRON, Christian
(31) 1363663
(32) 27.12.2013
(33) France

(51) H02J 9/06
H02M 3/156
(11) EP2737605
(21) EP12750903.2
(47) 25.07.2018
(87) US2012048343
31.01.2013
(22) 26.07.2012
(54) DUAL BOOST CONVERTER FOR UPS SYSTEM
(73) Schneider Electric IT Corporation
(72) JAYARAMAN, Chandrasekaran
PRAKASH, Indra
KLIKIC, Damir
(31) 201113192876
(32) 28.07.2011
(33) United States of America

(51) H02J 50/10
H02J 50/12
H02J 50/05
H02J 50/80
H02J 50/60
H02J 50/40
H02J 7/00
H01M 10/42
H01M 10/46
H02J 7/02
H02J 5/00
(11) EP2742577
(21) EP12821387.3
(47) 25.07.2018
(87) JP2012070588
14.02.2013
(22) 07.08.2012
(54) FEED SYSTEM, FEED UNIT, AND ELECTRONIC UNIT
(73) Sony Corporation
(72) URAMOTO Yoichi
(31) 2011175052
2012035835
(32) 10.08.2011
22.02.2012
(33) Japan
Japan

(51) H02J 50/12
H02J 50/70
B60L 11/18
B62M 6/80
B62H 1/04
(11) EP2637888
(21) EP11764104.3
(47) 25.07.2018
(87) EP2011004722
03.05.2012
(22) 21.09.2011
(54) CHARGING ARRANGEMENT FOR A VEHICLE, AND VEHICLE
(73) Sew-Eurodrive GmbH & Co. KG
(72) SCHWESINGER, Klaus
(31) 102010049743
(32) 29.10.2010
(33) Germany

(51) H02J 50/12
H02J 50/80
(11) EP2932578
(21) EP13862509.0
(47) 25.07.2018
(87) KR2013009959
19.06.2014
(22) 05.11.2013
(54) WIRELESS POWER RECEIVER AND METHOD OF CONTROLLING THE SAME
(73) LG Innotek Co., Ltd.
(72) LEE, Jung Oh
CHANG, Ki Chul
LEE, Ki Min
(31) 20120145814
(32) 13.12.2012
(33) Korea (Republic)

(51) H02J 50/12
H02J 50/90
H01F 38/14
(11) EP3047558
(21) EP14843271.9
(47) 25.07.2018
(87) KR2014008228
19.03.2015
(22) 03.09.2014
(54) METHOD AND APPARATUS FOR DETERMINING LOCATION OF A WIRELESS POWER RECEIVING UNIT BY A WIRELESS POWER TRANSMITTING UNIT
(73) Samsung Electronics Co., Ltd.
(72) KIM, Bong Chul
KWON, Sang Wook
KIM, Ki Young
KIM, Dong Zo
PARK, Yun Kwon
PARK, Jae Hyun
SONG, Keum Su
AHN, Chi Hyung
RYU, Young Ho
LEE, Byoung Hee
(31) 20130110186
(32) 13.09.2013
(33) Korea (Republic)

(51) H02J 50/80
H02J 50/40
H05B 33/08
(11) EP2615712
(21) EP12197639.3
(47) 25.07.2018
(22) 18.12.2012
(54) WIRELESS POWER SUPPLY SYSTEM FOR LIGHTING AND LIGHTING APPARATUS

(73) Panasonic Intellectual Property Management Co., Ltd.
(72) Nakajo, Akira
Chawalarat, Nadda
Kido, Hiroshi
(31) 2012002519
2012173098
(32) 10.01.2012
03.08.2012
(33) Japan
Japan

(51) H02K 1/14
H02K 3/52
H02K 3/28
F02B 33/40
F02B 39/10
F04D 25/06
H02K 1/24
H02K 11/33
(11) EP2941815
(21) EP14703166.0
(47) 25.07.2018
(87) GB2014050266
07.08.2014
(22) 31.01.2014
(54) A STATOR ASSEMBLY FOR AN ELECTRIC SUPERCHARGER
(73) Valeo Air Management UK Limited
(72) KNIGHT, Stephen, Michael
(31) 201301793
(32) 01.02.2013
(33) United Kingdom

(51) H02K 1/16
H02K 1/18
H02K 1/14
H02K 3/38
H02K 3/52
(11) EP2936654
(21) EP13802668.7
(47) 25.07.2018
(87) EP2013076286
26.06.2014
(22) 11.12.2013
(54) STATOR FOR AN ELECTRIC MACHINE
(73) Robert Bosch GmbH
(72) AUMANN, Christian
(31) 102012224153
(32) 21.12.2012
(33) Germany

(51) H02K 1/20
H02K 1/32
(11) EP3157138
(21) EP15189357.5
(47) 25.07.2018
(22) 12.10.2015
(54) METHOD FOR COOLING A STACK OF METAL SHEETS, STACK OF METAL SHEETS, ROTOR, STATOR AND ELECTRIC MACHINE
(73) Siemens Aktiengesellschaft
(72) Rogginger, Christoph
Junge, Martin
Winkler, Günther

(51) H02K 1/27
(11) EP3139470
(21) EP16182076.6
(47) 25.07.2018
(22) 29.07.2016
(54) ROTOR BODY WITH PERMANENT MAGNETS AND ROTATING ELECTRICAL MACHINE COMPRISING SUCH A BODY
(73) VALEO EQUIPEMENTS ELECTRIQUES MOTEUR
(72) EL BARAKA, Khadija
JUGOVIC, Svetislav
(31) 1558146
(32) 03.09.2015
(33) France

(51) H02K 1/27
H02K 21/16
F04B 39/12
F04B 39/00
F25B 31/02
F04B 35/04
F04B 53/14
(11) EP3046226
(21) EP14844440.9
(47) 25.07.2018
(87) JP2014072233
19.03.2015
(22) 26.08.2014
(54) PERMANENT MAGNET-EMBEDDED ELECTRIC MOTOR, COMPRESSOR, AND REFRIGERATING AND AIR-CONDITIONING DEVICE
(73) Mitsubishi Electric Corporation
(72) NIGO, Masahiro
TSUCHIDA, Kazuchika
BABA, Kazuhiko
(31) PCT/JP2013/074849
(32) 13.09.2013
(33) World Intellectual Property Office (WIPO)

(51) H02K 1/32
(11) EP2973949
(21) EP14713256.7
(47) 25.07.2018
(87) IB2014000258
18.09.2014
(22) 07.03.2014
(54) ROTOR FOR ROTARY ELECTRIC MACHINE AND ROTARY ELECTRIC MACHINE
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
Aisin Seiki Kabushiki Kaisha
Aisin AW Co., Ltd.
(72) YAMAGISHI, Yoshitada
HIRAI, Yu
MIZUTANI, Tatsuhiko
MATSUMOTO, Masashi
MATSUMOTO, Takashi
SANO, Shinya
TAKEUCHI, Taketo
KUROKAWA, Akifumi
(31) 2013048256
(32) 11.03.2013
(33) Japan

(51) H02K 3/50
(11) EP2400637
(21) EP11167751.4
(47) 25.07.2018
(22) 26.05.2011
(54) Electric motor
(73) C. & E. Fein GmbH
(72) Dietl, Lothar
Hokenmaier, Tobias
Maier, Christoph
(31) 102010025261
(32) 23.06.2010
(33) Germany

(51) H02K 3/50
H02K 29/08
H02K 3/52
H02K 5/22
(11) EP2244358
(21) EP09720552.0
(47) 25.07.2018
(87) JP2009054798
17.09.2009
(22) 12.03.2009
(54) MOTOR
(73) Nidec Corporation
(72) FUJII, Yoshio
FUJIHARA, Hisashi
HAMAGISHI, Kenichiro
YAMADA, Yosuke
(31) 2008063626
(32) 13.03.2008
(33) Japan

(51) H02K 5/20
B64C 25/40
H02K 9/14
F01P 5/06
F01P 11/12
H02K 9/06
(11) EP2787609
(21) EP14162533.5
(47) 25.07.2018
(22) 31.03.2014
(54) Motor cooling apparatus and method
(73) Hamilton Sundstrand Corporation
(72) Pal, Debabrata
(31) 201313854459
(32) 01.04.2013
(33) United States of America

(51) H02K 7/02
(11) EP3130065
(21) EP15722271.2
(47) 25.07.2018
(87) NL2015050221
15.10.2015
(22) 07.04.2015
(54) A FLYWHEEL SYSTEM
(73) S4 Energy B.V.
(72) TEERLINK, Peter
(31) 2012577
(32) 07.04.2014
(33) Netherlands

(51) H02K 7/02
F03G 3/08
F03D 3/00
H02K 7/18
F03D 9/10
F03D 13/25
F03D 9/12
F03D 9/28
F03D 9/25
(11) EP2454800
(21) EP10800110.8
(47) 25.07.2018
(87) SE2010000195
20.01.2011
(22) 16.07.2010
(54) OFFSHORE ENERGY STORAGE DEVICE

(73) SeaTwirl AB
(72) EHMBERG, Daniel
(31) 0900995
(32) 17.07.2009
(33) Sweden

(51) H02K 9/24
F16K 17/02
F16K 24/04
(11) EP3157147
(21) EP16193515.0
(47) 25.07.2018
(22) 12.10.2016
(54) VALVE ASSEMBLY FOR VARIABLE FREQUENCY GENERATOR AND METHOD OF SEALING
(73) Hamilton Sundstrand Corporation
(72) LEMMERS, Jr., Glenn C.
(31) 201514880802
(32) 12.10.2015
(33) United States of America

(51) H02K 29/12
H02P 6/185
H02P 6/18
G05B 19/401
H02P 29/024
H02P 6/20
(11) EP2133989
(21) EP08739275.9
(47) 25.07.2018
(87) JP2008056157
09.10.2008
(22) 28.03.2008
(54) BRUSHLESS MOTOR, BRUSHLESS MOTOR CONTROL SYSTEM, AND BRUSHLESS MOTOR CONTROL METHOD
(73) Shindengen Electric Manufacturing Co., Ltd.
(72) HARADA, Tomomi
(31) 2007095450
(32) 30.03.2007
(33) Japan

(51) H02K 35/02
H02K 35/04
H02K 7/18
F03B 13/14
(11) EP2854267
(21) EP14185725.0
(47) 25.07.2018
(22) 27.09.2013
(54) Electric linear generators/motors and energy converting system with the same
(73) King Abdulaziz City for Science & Technology (KACST)
(72) Ba-abbad, Mazen Abdullah
Al-Ansari, Hany A.
Al-kudsi, Abdullah M.
Al-Otaibi, Zaid S.

(51) H02K 41/03
H02K 16/00
(11) EP3091646
(21) EP16168736.3
(47) 25.07.2018
(22) 09.05.2016
(54) LINEAR ELECTROMECHANICAL ACTUATORS
(73) Sikorsky Aircraft Corporation
(72) HIMMELMANN, Richard A.
(31) 201562158074 P
(32) 07.05.2015
(33) United States of America

(51) H02M 1/12
H02M 7/5387
H02P 27/08
H02M 7/5395
H02P 27/06
(11) EP3082240
(21) EP16160447.5
(47) 25.07.2018
(22) 15.03.2016
(54) OFFSET VOLTAGE GENERATOR AND METHOD FOR GENERATING AN OFFSET VOLTAGE OF THREE-PHASE INVERTER
(73) LSIS Co., Ltd.
(72) LEE, Hak-Jun
YOO, An-No
(31) 20150052599
(32) 14.04.2015
(33) Korea (Republic)

(51) H02M 1/32
H02M 5/458
H05B 6/06
(11) EP3084944
(21) EP14827557.1
(47) 25.07.2018
(87) JP2014084733
25.06.2015
(22) 19.12.2014
(54) POWER CONVERSION APPARATUS AND POWER CONVERSION METHOD
(73) Neturen Co., Ltd.
(72) KANAI, Takahiko
ONO, Tetsuya
ITO, Junya
(31) 2013263116
2013263117
(32) 19.12.2013
19.12.2013
(33) Japan
Japan

(51) H02M 1/42
H02M 7/483
H02M 7/49
(11) EP2647119
(21) EP11776111.4
(47) 25.07.2018
(87) EP2011005385
07.06.2012
(22) 25.10.2011
(54) NOVEL MULTI-LEVEL CONVERTER TOPOLOGY WITH THE POSSIBILITY OF DYNAMICALLY CONNECTING INDIVIDUAL MODULES IN SERIES AND IN PARALLEL
(73) Technische Universität München
(72) WEYH, Thomas
GÖTZ, Stefan, M.
(31) 102010052934
11179321
(32) 30.11.2010
30.08.2011
(33) Germany
European Patent Office (EPO)

(51) H02M 3/155
H02M 3/158
H02M 7/797
(11) EP2863528
(21) EP13188827.3
(47) 25.07.2018
(22) 16.10.2013
(54) Operation of an inverter as a DC/DC-converter
(73) Siemens Aktiengesellschaft
(72) Benesch, Norbert
Buchstaller, Dominic
Reinschke, Johannes
Sinner, Harald

(51) H02M 3/157
H02M 3/158
G05B 13/02
G05B 13/04
G01R 31/36
(11) EP3129799
(21) EP15707640.7
(47) 25.07.2018
(87) EP2015054415
15.10.2015
(22) 03.03.2015
(54) METHOD AND CONTROLLER FOR THE MODEL-PREDICTIVE CONTROL OF A MULTI-PHASE DC/DC-CONVERTER
(73) AVL List GmbH
(72) BATLINER, Martin
KÖNIG, Oliver
JAKUBEK, Stefan
PROCHART, Günter
(31) 502652014
(32) 08.04.2014
(33) Austria

(51) H02M 3/158
(11) EP2485379
(21) EP12150963.2
(47) 25.07.2018
(22) 12.01.2012
(54) POWER SUPPLY CIRCUIT WITH SCALABLE PERFORMANCE AND METHOD FOR OPERATING THE POWER SUPPLY CIRCUIT
(73) NXP B.V.
(72) Van Dijk, Luc
Buehring, Peter
(31) 201113023109
(32) 08.02.2011
(33) United States of America

(51) H02M 3/335
(11) EP2624425
(21) EP12153201.4
(47) 25.07.2018
(22) 31.01.2012
(54) A power supply device for a household appliance and an operating method thereof
(73) Whirlpool Corporation
(72) Gutierrez, Diego Neftali
Pastore, Cristiano Vito
Crisafulli, Vittorio Claudio
Calesella, Carlo
Barbati, Mario

(51) H02M 5/297
H02M 1/00
H02M 7/483
(11) EP2494688
(21) EP10776701.4
(47) 25.07.2018
(87) EP2010067378

09.06.2011
(22) 12.11.2010
(54) METHOD FOR OPERATING AN INVERTER CIRCUIT AND DEVICE FOR CARRYING OUT SAID METHOD
(73) ABB Schweiz AG
(72) KORN, Arthur
(31) 09177578
(32) 01.12.2009
(33) European Patent Office (EPO)

(51) H02M 7/23
H02M 7/217
(11) EP2564501
(21) EP11717988.7
(47) 25.07.2018
(87) EP2011056334
03.11.2011
(22) 20.04.2011
(54) SUB-MODULE FOR A MODULAR MULTI-LEVEL CONVERTER
(73) Siemens Aktiengesellschaft
(72) DOMMASCHK, Mike
EULER, Ingo
GAMBACH, Herbert
LANG, Jörg
TU, Quoc-Buu
WÜRFLINGER, Klaus
(31) 102010018970
(32) 27.04.2010
(33) Germany

(51) H02M 7/483
(11) EP2940852
(21) EP13867398.3
(47) 25.07.2018
(87) KR2013012342
03.07.2014
(22) 27.12.2013
(54) CONVERTER
(73) Hyosung Corporation
(72) JUNG, Hong Ju
KIM, Tae Gyun
YANG, Hang Jun
CHOI, Jong Yun
(31) 20120157390
(32) 28.12.2012
(33) Korea (Republic)

(51) H02M 7/487
(11) EP2953256
(21) EP15169129.2
(47) 25.07.2018
(22) 26.05.2015
(54) POWER CONVERTERS
(73) Hamilton Sundstrand Corporation
(72) White, Adam M.
Kheraluwala, Mustansir
Himmelmann, Richard A.
(31) 201414295266
(32) 03.06.2014
(33) United States of America

(51) H02M 7/5387
(11) EP2489116
(21) EP09784008.6
(47) 25.07.2018
(87) EP2009063408
21.04.2011
(22) 14.10.2009
(54) WIRELESS CONTROL OF POWER NETWORK SWITCHING DEVICES
(73) ABB Research Ltd.
(72) KORN, Arthur
DZUNG, Dacfey
SCHEIBLE, Guntram
VEFLING, Harald
VALLESTAD, Anne

(51) H02M 7/5387
H02M 1/12
H02P 27/08
H02M 7/5395
(11) EP3082247
(21) EP16160443.4
(47) 25.07.2018
(22) 15.03.2016
(54) OFFSET VOLTAGE GENERATOR AND METHOD FOR GENERATING AN OFFSET VOLTAGE OF THREE-PHASE INVERTER
(73) LSIS Co., Ltd.
(72) LEE, Hak-Jun
(31) 20150052598
(32) 14.04.2015
(33) Korea (Republic)

(51) H02M 7/797
H02M 7/12
H02M 7/48
H02M 7/49
H02M 7/25
H02J 3/36
(11) EP2928062
(21) EP13858780.3
(47) 25.07.2018
(87) JP2013079976
05.06.2014
(22) 06.11.2013
(54) POWER CONVERSION DEVICE
(73) Kabushiki Kaisha Toshiba
(72) NAKAZAWA, Yosuke
MURAO, Takeru
TAMADA, Shunsuke
(31) 2012260951
(32) 29.11.2012
(33) Japan

(51) H02P 3/20
H02P 3/22
H02P 6/24
B23Q 5/10
B25F 5/00
(11) EP2410650
(21) EP11170302.1
(47) 25.07.2018
(22) 17.06.2011
(54) HAND TOOL
(73) C. & E. Fein GmbH
(72) Kaufmann, Michael
Rinckleb, Ulf
(31) 102010032335
(32) 20.07.2010
(33) Germany

(51) H02P 7/00
A61C 17/34
H02P 25/02
H02P 31/00
(11) EP2961059
(21) EP15169330.6
(47) 25.07.2018
(22) 27.05.2015
(54) PERSONAL HYGIENE DEVICE WITH RESONANT MOTOR
(73) Braun GmbH
(72) Kervin, Küchler
Klemm, Torsten
Moehring, Andreas
Schaefer, Norbert
Stückrath, Carl
Stratmann, Martin
(31) 14174206
(32) 26.06.2014
(33) European Patent Office (EPO)

(51) H02P 9/00
F03D 7/02
F03D 7/04
H02P 9/04
(11) EP2339743
(21) EP08877421.1
(47) 25.07.2018
(87) JP2008068764
22.04.2010
(22) 16.10.2008
(54) WIND POWER GENERATION SYSTEM, AND ITS CONTROL METHOD
(73) Mitsubishi Heavy Industries, Ltd.
(72) ARINAGA, Shinji
WAKASA, Tsuyoshi
MATSUSHITA, Takatoshi

(51) H02P 25/04
H02P 1/44
(11) EP1689073
(21) EP04029795.4
(47) 25.07.2018
(22) 16.12.2004
(54) Electric motor drive
(73) GRUNDFOS A/S
(72) Beck, Flemming

(51) H02P 27/06
H02K 11/33
H02K 16/04
H02K 3/28
H02P 25/22
(11) EP2923440
(21) EP13827035.0
(47) 25.07.2018
(87) IB2013060314
30.05.2014
(22) 21.11.2013
(54) A CONTROL SYSTEM FOR AN ELECTRIC MOTOR
(73) Protean Electric Limited
(72) Burke, Richard
(31) 201221129
(32) 23.11.2012
(33) United Kingdom

(51) H02P 27/06
H02P 6/08
(11) EP2779433
(21) EP12847735.3
(47) 25.07.2018
(87) JP2012079030
16.05.2013
(22) 08.11.2012
(54) MOTOR DRIVE DEVICE
(73) Mitsubishi Heavy Industries Automotive Thermal Systems Co., Ltd.
(72) AIBA, Kenichi
WATANABE, Kyohei

TAKASHIGE, Takayuki
(31) 2011246652
(32) 10.11.2011
(33) Japan

(51) H02P 29/02
G01R 31/34
(11) EP3073634
(21) EP15160331.3
(47) 25.07.2018
(22) 23.03.2015
(54) A METHOD FOR DETERMINING THE OPERATING STATUS OF A SPRING CHARGING MOTOR FOR A LV OR MV SWITCHING APPARATUS AND A DIAGNOSTIC SYSTEM IMPLEMENTING SAID METHOD
(73) ABB Schweiz AG
(72) Magoni, Stefano
Scarpellini, Massimo
Oprandi, Alessandro

(51) H02P 29/02
H02P 9/00
H02P 9/10
(11) EP3073635
(21) EP15382144.2
(47) 25.07.2018
(22) 25.03.2015
(54) PROTECTING A PERMANENT MAGNET GENERATOR
(73) ALSTOM Renewable Technologies
(72) Urresty, Julio César

(51) H02S 50/10
(11) EP2500738
(21) EP12157310.9
(47) 25.07.2018
(22) 28.02.2012
(54) Abnormality diagnosis for photovoltaic power generation system
(73) Kabushiki Kaisha Toshiba
(72) Sato, Makoto
Hasegawa, Yoshiaki
(31) 2011059283
(32) 17.03.2011
(33) Japan

(51) H02S 50/10
(11) EP3016276
(21) EP15192379.4
(47) 25.07.2018
(22) 30.10.2015
(54) METHOD FOR DIAGNOSING A PHOTOVOLTAIC SYSTEM
(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(72) PICHENOT, Grégoire
KHALED, Imene
(31) 1460559
(32) 03.11.2014
(33) France

(51) H02S 50/10
G01R 31/02
G01R 31/04
G01R 31/28
(11) EP2388602
(21) EP10163130.7
(47) 25.07.2018
(22) 18.05.2010
(54) Method for diagnosing contacts of a photovoltaic assembly and device
(73) SMA Solar Technology AG
(72) Hopf, Markus
Bettenwort, Gerd
Bieniek, Sebastian

(51) H03B 19/00
H03B 21/01
G01S 7/03
(11) EP2853026
(21) EP13716571.8
(47) 25.07.2018
(87) US2013033553
28.11.2013
(22) 22.03.2013
(54) HYBRID DUAL MODE FREQUENCY SYNTHESIZER CIRCUIT
(73) Raytheon Company
(72) PATRIZI, Michael, Robert
(31) 201213476822
(32) 21.05.2012
(33) United States of America

(51) H03D 7/14
H03D 7/16
H03D 7/18
(11) EP2901549
(21) EP13774893.5
(47) 25.07.2018
(87) US2013062499
03.04.2014
(22) 28.09.2013
(54) WIDEBAND DOUBLE BALANCED IMAGE REJECT MIXER
(73) ViaSat Inc.
(72) ZIENKEWICZ, Rob
BUER, Kennith
(31) 201261707755 P
(32) 28.09.2012
(33) United States of America

(51) H03F 1/26
H03F 3/45
(11) EP2899882
(21) EP14152935.4
(47) 25.07.2018
(22) 28.01.2014
(54) Noise sensor
(73) NXP B.V.
(72) Stahl, Juergen
Goettle, Jens
Duerbaum, Thomas
Blom, Anton Cornelius
Pansier, Frans
Pawellek, Alexander
Halberstadt, Hans

(51) H03F 3/00
H03F 3/45
H03F 3/217
H03G 1/00
(11) EP3185415
(21) EP16172129.5
(47) 25.07.2018
(22) 31.05.2016
(54) A PROGRAMMABLE-GAIN AMPLIFIER, CORRESPONDING DEVICE AND METHOD
(73) STMicroelectronics S.r.l.
(72) SAUTTO, Marco
QUAGLIA, Fabio
RICOTTI, Giulio
MAZZANTI, Andrea
(31) UB20159673
(32) 21.12.2015
(33) Italy

(51) H03F 3/70
H03F 3/00
H03F 3/181
H03F 3/217
H03F 3/38
H03F 3/45
(11) EP2761743
(21) EP12836883.4
(47) 25.07.2018
(87) US2012057343
04.04.2013
(22) 26.09.2012
(54) RESOURCE POOLING AMPLIFIER
(73) Maxim Integrated Products, Inc.
(72) DELANO, Cary L.
(31) 201161541397 P
201213626672
(32) 30.09.2011
25.09.2012
(33) United States of America
United States of America

(51) H03H 7/38
H03H 7/09
(11) EP3139505
(21) EP16186884.9
(47) 25.07.2018
(22) 01.09.2016
(54) IMPEDANCE MATCHING DEVICE WITH COUPLED RESONATOR STRUCTURE
(73) NXP USA, Inc.
(72) Yang, Nick
(31) 201514846668
(32) 04.09.2015
(33) United States of America

(51) H03H 19/00
(11) EP3054594
(21) EP15200761.3
(47) 25.07.2018
(22) 17.12.2015
(54) DISCRETE-TIME ANALOG CIRCUIT, TRANSMITTING DEVICE, AND RECEIVING DEVICE
(73) Panasonic Corporation
(72) MORISHITA, Yohei
(31) 2015001146
2015155272
(32) 06.01.2015
05.08.2015
(33) Japan
Japan

(51) H03K 5/08
G11C 29/02
H03K 19/0185
(11) EP3029831
(21) EP14196607.7
(47) 25.07.2018
(22) 05.12.2014
(54) Process skew resilient digital CMOS circuit
(73) Stichting IMEC Nederland
(72) Gemmeke, Tobias

(51) H03K 17/082
H03K 17/18

G01K 7/42
H01L 23/00
G01R 31/04
G01R 31/26
H01L 23/34
H03K 17/08
(11) EP2270983
(21) EP10011543.5
(47) 25.07.2018
(22) 21.03.2006
(54) Integrated smart power switch
(73) Raytheon Company
(72) Jacobson, Boris S
(31) 98033
(32) 01.04.2005
(33) United States of America

(51) H03K 17/12
H03K 17/18
(11) EP2942870
(21) EP14167681.7
(47) 25.07.2018
(22) 09.05.2014
(54) Arrangement and method for a power semiconductor switch
(73) ABB Schweiz AG
(72) Niemi, Mika
Peltonen, Lauri

(51) H03K 17/78
G01V 8/20
H01H 35/00
H03K 17/94
G08C 19/00
(11) EP2677659
(21) EP11858650.2
(47) 25.07.2018
(87) JP2011074648
23.08.2012
(22) 26.10.2011
(54) OBJECT DETECTION SYSTEM
(73) Omron Corporation
(72) OSAKO Kazunori
KIKUCHI Keisaku
MURATA Toru
(31) 2011031244
(32) 16.02.2011
(33) Japan

(51) H03L 7/06
G09G 5/00
(11) EP3223431
(21) EP17158908.8
(47) 25.07.2018
(22) 28.03.2012
(54) ADJUSTMENT OF CLOCK SIGNALS REGENERATED FROM A DATA STREAM
(73) Lattice Semiconductor Corporation
(72) CHOI, Hoon
KIM, Daekyeung
YI, Ju, Hwan
BAE, Young, Don
(31) 201113083399
(32) 08.04.2011
(33) United States of America

(51) H03M 13/11
H04L 1/00
(11) EP2502351
(21) EP10768013.4
(47) 25.07.2018
(87) EP2010065640
26.05.2011
(22) 18.10.2010
(54) RECEIVER AND RECEIVING METHOD FOR RECEIVING DATA IN A BROADCASTING SYSTEM USING INCREMENTAL REDUNDANCY
(73) Saturn Licensing LLC
(72) STADELMEIER, Lothar
LOGHIN, Nabil
ROBERT, Joerg
(31) 09176187
(32) 17.11.2009
(33) European Patent Office (EPO)

(51) H04B 1/16
H04B 1/00
(11) EP2958242
(21) EP15164681.7
(47) 25.07.2018
(22) 22.04.2015
(54) METHOD AND DEVICE FOR PROCESSING A BROADCAST SIGNAL
(73) ROBERT BOSCH GMBH
(72) Erben, Peter
Nyenhuis, Detlev
Risse, Marcus
(31) 102014211830
(32) 20.06.2014
(33) Germany

(51) H04B 1/3816
H05K 7/14
(11) EP3163759
(21) EP15191821.6
(47) 25.07.2018
(22) 28.10.2015
(54) WIFI-CARD CLAMP DEVICE OF A MODEM
(73) Compal Broadband Networks Inc.
(72) Tsai, Chia-Cheng
Lin, Cheng-Shan
Wu, Chiang-Chang
Hsu, Liang-San

(51) H04B 1/52
H03H 11/34
H03H 11/38
H03H 11/42
H04B 1/58
(11) EP3041150
(21) EP14839776.3
(47) 25.07.2018
(87) JP2014070651
05.03.2015
(22) 05.08.2014
(54) WIRELESS COMMUNICATION APPARATUS
(73) Sony Corporation
(72) IIDA, Sachio
(31) 2013174602
(32) 26.08.2013
(33) Japan

(51) H04B 1/69
H04L 5/00
H04L 27/26
H04J 13/00
H04L 27/00
(11) EP2573944
(21) EP11840399.7
(47) 25.07.2018
(87) CN2011073268
18.05.2012
(22) 25.04.2011
(54) METHOD AND APPARATUS FOR DECODING AN UPLINK CONTROL CHANNEL
(73) ZTE Corporation
(72) ZHANG, Na
LI, Ping
(31) 201010541207
(32) 11.11.2010
(33) China

(51) H04B 3/04
H04B 3/32
(11) EP1721392
(21) EP05726486.3
(47) 25.07.2018
(87) US2005003820
25.08.2005
(22) 07.02.2005
(54) CABLE DIAGNOSTICS FOR 10GBASE-T TRANSCEIVERS
(73) Cisco Technology, Inc.
(72) BARRASS, Hugh
(31) 775529
(32) 09.02.2004
(33) United States of America

(51) H04B 3/32
H04B 3/54
H04L 25/02
H04L 25/03
(11) EP2738949
(21) EP13005514.8
(47) 25.07.2018
(22) 27.11.2013
(54) Coordinating transmissions of power line communication (PLC) devices
(73) Avago Technologies General IP (Singapore) Pte. Ltd.
(72) Reves Balleste, Xavier
Peeters, Miguel
Bailey, Toby
Sun, Yue
Iracheta Todo, Zacarias
(31) 201261730916 P
201314086945
(32) 28.11.2012
21.11.2013
(33) United States of America
United States of America

(51) H04B 3/54
H04L 12/721
H04B 3/487
(11) EP3138209
(21) EP15720562.6
(47) 25.07.2018
(87) US2015027980
05.11.2015
(22) 28.04.2015
(54) METHODS AND APPARATUSES FOR ROUTING OVER MULTIPLE INPUT MULTIPLE OUTPUT POWER LINE COMMUNICATION NETWORKS
(73) Cisco Technology, Inc.
(72) HUI, Jonathan, W.
VASSEUR, Jean-Philippe
HONG, Wei
(31) 201414267445

(32) 01.05.2014
(33) United States of America

(51) H04B 3/56
(11) EP2938005
(21) EP15164510.8
(47) 25.07.2018
(22) 21.04.2015
(54) POWER LINE COMMUNICATION (PLC) SIGNAL PASS-THROUGH DEVICE AND PLC SIGNAL TRANSMISSION LINE THEREFOR
(73) Sercomm Corporation
(72) Shen, Yu-Li
Yu, Yuan-Yuan
(31) 201420197758 U
(32) 22.04.2014
(33) China

(51) H04B 5/00
(11) EP2845327
(21) EP13721310.4
(47) 25.07.2018
(87) EP2013058729
07.11.2013
(22) 26.04.2013
(54) TRANSMISSION OF SIGNALS THROUGH A NON-CONTACT INTERFACE
(73) Atlas Copco Industrial Technique AB
(72) LINDSTRÖM, Lars HÅKAN Verner
(31) 1250444
(32) 03.05.2012
(33) Sweden

(51) H04B 5/00
G01D 18/00
G01F 23/26
G01F 25/00
G01D 21/00
G01N 9/34
G01F 23/296
G05B 11/01
H01H 51/00
(11) EP2786504
(21) EP12784521.2
(47) 25.07.2018
(87) EP2012070935
06.06.2013
(22) 23.10.2012
(54) SYSTEM COMPRISING AN OPERATING DEVICE AND A FIELD DEVICE, AND METHOD FOR COMMUNICATING WITH A FIELD DEVICE
(73) Endress+Hauser SE+Co. KG
(72) WERNET, Armin
UPPENKAMP, Kaj
(31) 102011087230
(32) 28.11.2011
(33) Germany

(51) H04B 5/00
H04B 5/02
H02J 50/12
(11) EP2540004
(21) EP11704922.1
(47) 25.07.2018
(87) EP2011000381
01.09.2011
(22) 28.01.2011
(54) ARRANGEMENT FOR TRANSMITTING ENERGY WITHOUT CONTACT
(73) Sew-Eurodrive GmbH & Co. KG
(72) HUA, Zhidong
(31) 102010009073
(32) 23.02.2010
(33) Germany

(51) H04B 7/02
H04W 52/24
H04W 52/40
(11) EP2345174
(21) EP09791592.0
(47) 25.07.2018
(87) US2009054084
25.02.2010
(22) 17.08.2009
(54) SYSTEM AND METHOD FOR PROCESSING POWER CONTROL COMMANDS IN A WIRELESS COMMUNICATION SYSTEM
(73) QUALCOMM Incorporated
(72) SIDI, Jonathan
SAMBHWANI, Sharad, Deepak
(31) 89770 P
491770
(32) 18.08.2008
25.06.2009
(33) United States of America
United States of America

(51) H04B 7/02
H04W 88/04
H04B 7/15
(11) EP3090494
(21) EP13900841.1
(47) 25.07.2018
(87) SE2013051629
09.07.2015
(22) 30.12.2013
(54) METHOD FOR ENABLING A BASE STATION TO DECODE DATA RECEIVED FROM A FIRST WIRELESS DEVICE USING A NETWORK CODED FORM OF THE DATA RECEIVED FROM A SECOND WIRELESS DEVICE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) GATTAMI, Ather
FODOR, Gabor
PRADINI, Aidilla

(51) H04B 7/024
(11) EP2661819
(21) EP12702336.4
(47) 25.07.2018
(87) US2012020547
12.07.2012
(22) 06.01.2012
(54) METHOD, SYSTEM AND APPARATUS FOR DOWNLINK SHARED CHANNEL RECEPTION IN COOPERATIVE MULTIPOINT TRANSMISSIONS
(73) Interdigital Patent Holdings, Inc.
(72) ZHANG, Guodong
PELLETIER, Ghyslain
HAGHIGHAT, Afshin
MARINIER, Paul
CAVE, Christopher
ADJAKPLE, Pascal M.
TSAI, Allan Y.
(31) 201161430647 P
201161480746 P
201161556062 P
(32) 07.01.2011
29.04.2011
04.11.2011
(33) United States of America
United States of America
United States of America

(51) H04B 7/04
H04B 7/06
(11) EP2197125
(21) EP09178827.3
(47) 25.07.2018
(22) 11.12.2009
(54) Communication system using multi-user multiple input multiple output (mu-mimo) communication scheme
(73) Electronics and Telecommunications Research Institute
(72) Seo, Bangwon
Ko, Young Jo
Ahn, Jae Young
(31) 20080126341
20090116554
(32) 12.12.2008
30.11.2009
(33) Korea (Republic)
Korea (Republic)

(51) H04B 7/04
H04B 7/26
H04B 7/06
H04B 7/0456
(11) EP2975779
(21) EP14764921.4
(47) 25.07.2018
(87) KR2014001990
18.09.2014
(22) 11.03.2014
(54) METHOD AND APPARATUS FOR REPORTING CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM
(73) LG Electronics Inc.
(72) KO, Hyunsoo
KANG, Jiwon
CHUNG, Jaehoon
(31) 201361776720 P
201361808191 P
201361808220 P
201361812684 P
(32) 11.03.2013
03.04.2013
04.04.2013
16.04.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) H04B 7/06
(11) EP3125438
(21) EP16181955.2
(47) 25.07.2018
(22) 29.07.2016
(54) METHOD AND APPARATUS FOR CSI REPORTING
(73) Samsung Electronics Co., Ltd.
(72) Onggosanusi, Eko
Nam, Young Han
Si, Hongbo
(31) 201562198434 P

201562220061 P
201562244472 P
201662280924 P
201615214274
(32) 29.07.2015
17.09.2015
21.10.2015
20.01.2016
19.07.2016
(33) United States of America
United States of America
United States of America
United States of America
United States of America

(51) H04B 7/06
H04B 7/08
H01Q 1/27
H04B 1/38
H04B 1/40
H04W 4/10
H01Q 1/24
H04B 1/00
(11) EP3038274
(21) EP16155026.4
(47) 25.07.2018
(22) 31.01.2011
(54) Antenna diversity apparatus
(73) BAE Systems PLC
(72) PESCOD, Christopher Ralph
MATTHEWS, James Christopher Gordon
SMITH, Andrew James
(31) 10275011
201001741
(32) 03.02.2010
03.02.2010
(33) European Patent Office (EPO)
United Kingdom

(51) H04B 7/10
H01Q 3/26
(11) EP2396854
(21) EP10711853.1
(47) 25.07.2018
(87) EP2010051639
19.08.2010
(22) 10.02.2010
(54) COMMUNICATION SYSTEM, NETWORK ELEMENT AND METHOD FOR ANTENNA ARRAY CALIBRATION
(73) Analog Devices Global Unlimited Company
(72) O'KEEFFE, Conor
O'BRIEN, Michael, William
(31) 0902409
(32) 13.02.2009
(33) United Kingdom

(51) H04B 7/26
H04W 56/00
(11) EP3160059
(21) EP16158867.8
(47) 25.07.2018
(22) 07.03.2016
(54) COMMUNICATION SYSTEM, BASE STATION, USER EQUIPMENT AND TIMING SYNCHRONIZATION METHOD FOR BASE STATION THEREOF
(73) Industrial Technology Research Institute
(72) LEE, Chung-Lai
LIU, Chia-Lung
(31) 104134512
(32) 21.10.2015
(33) Taiwan, Province of China

(51) H04B 7/26
H04W 72/12
H04W 52/36
H04L 5/00
H04L 5/14
H04W 52/14
H04W 52/32
H04W 52/34
(11) EP3057245
(21) EP14852187.5
(47) 25.07.2018
(87) KR2014009539
16.04.2015
(22) 10.10.2014
(54) METHOD AND APPARATUS FOR TRANSMITTING SRS IN CELLULAR MOBILE COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) KIM, Youngbum
CHO, Joonyounng
JI, Hyoungju
CHOI, Seunghoon
(31) 20130121346
20140012251
(32) 11.10.2013
03.02.2014
(33) Korea (Republic)
Korea (Republic)

(51) H04B 10/118
H04B 10/112
H04J 14/02
(11) EP2811667
(21) EP14171565.6
(47) 25.07.2018
(22) 06.06.2014
(54) Method and device for optical transmission with adaptive useful throughput
(73) THALES
(72) Le Kernec, Arnaud
Dervin, Mathieu
Sotom, Michel
(31) 1301304
(32) 07.06.2013
(33) France

(51) H04B 10/25
H04B 10/61
H04L 27/01
H04B 10/516
H04B 10/556
H04J 14/02
H04J 14/06
H04L 25/03
H04L 27/20
H04L 27/22
H04L 27/34
H04L 27/00
(11) EP2883314
(21) EP13827264.6
(47) 25.07.2018
(87) US2013054201
13.02.2014
(22) 08.08.2013
(54) METHODS AND APPARATUS FOR COHERENT DUOBINARY SHAPED PM-QPSK SIGNAL PROCESSING
(73) ZTE (USA) Inc.
(72) YU, Jianjun
(31) 201261681462 P
(32) 09.08.2012
(33) United States of America

(51) H04B 10/61
H04B 10/2569
(11) EP3051723
(21) EP16153109.0
(47) 25.07.2018
(22) 28.01.2016
(54) POLARISATION MODE DISPERSION (PMD) TOLERANT OPTICAL SIGNALING
(73) Ciena Corporation
(72) FARLEY, Kevin
(31) 201514607276
(32) 28.01.2015
(33) United States of America

(51) H04B 11/00
(11) EP2950467
(21) EP14169916.5
(47) 25.07.2018
(22) 26.05.2014
(54) Acoustic data transmission system
(73) Pepperl + Fuchs GmbH
(72) Kaindl, Thomas

(51) H04B 17/345
H04B 7/26
H04L 5/16
(11) EP3057248
(21) EP14851731.1
(47) 25.07.2018
(87) KR2014009523
16.04.2015
(22) 10.10.2014
(54) INTERFERENCE CANCELLATION METHOD AND APPARATUS BETWEEN TERMINALS IN WIRELESS ACCESS SYSTEM SUPPORTING FULL-DUPLEX RADIO SCHEME
(73) LG ELECTRONICS INC.
(72) KIM, Jinmin
CHUNG, Jaehoon
KIM, Kitae
CHOI, Kukheon
NOH, Kwangseok
(31) 201361889040 P
(32) 10.10.2013
(33) United States of America

(51) H04H 20/95
H04N 21/2362
H04N 21/426
H04N 21/434
H04N 21/438
H04N 21/462
H04N 21/643
H04N 21/647
(11) EP3054696
(21) EP14850234.7
(47) 25.07.2018
(87) JP2014074782
09.04.2015
(22) 19.09.2014
(54) RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD FOR SERVICES

TRANSMITTED ON A BROADCAST WAVE USING IP PACKETS
(73) Sony Corporation
(72) KITAZATO Naohisa
YAMAGISHI Yasuaki
(31) 2013209056
(32) 04.10.2013
(33) Japan

(51) H04H 60/33
H04H 60/74
H04H 60/37
H04H 60/65
(11) EP3082280
(21) EP16164556.9
(47) 25.07.2018
(22) 08.04.2016
(54) METHOD AND APPARATUS FOR IDENTIFYING AUDIO INFORMATION
(73) Xiaomi Inc.
(72) LV, Lu
LI, Shen
GUO, Tao
(31) 201510178987
(32) 15.04.2015
(33) China

(51) H04J 3/06
(11) EP2774290
(21) EP12799605.6
(47) 25.07.2018
(87) IB2012055810
10.05.2013
(22) 22.10.2012
(54) CLOCK SYNCHRONIZATION IN SHARED BASEBAND DEPLOYMENTS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) PRZADA, Jaroslaw
REMPEL, Glen
HUISMAN, Ken
(31) 201113287364
(32) 02.11.2011
(33) United States of America

(51) H04J 3/06
H04B 1/7075
H04L 7/04
H04W 56/00
H04B 1/7073
(11) EP2515456
(21) EP10851662.6
(47) 25.07.2018
(87) CN2010079393
24.11.2011
(22) 02.12.2010
(54) RECEIVING APPARATUS AND METHOD FOR MULTI-FRAME SYNCHRONIZATION
(73) ZTE Corporation
(72) QIU, Ning
LI, Qiang
ZENG, Wenqi
YU, Tiankun
LIU, Zhongwei
XING, Yannan
LIANG, Lihong
LI, Liwen
LIN, Feng
CHU, Jintao
(31) 201010184415
(32) 17.05.2010
(33) China

(51) H04J 11/00
(11) EP1599958
(21) EP04717989.0
(47) 25.07.2018
(87) US2004006759
23.09.2004
(22) 05.03.2004
(54) SYSTEM AND METHOD FOR USING CODE SPACE IN A SPREAD-SPECTRUM COMMUNICATION NETWORK
(73) QUALCOMM INCORPORATED
(72) ODENWALDER, Joseph, P.
(31) 452790 P
470770 P
783771
(32) 06.03.2003
14.05.2003
20.02.2004
(33) United States of America
United States of America
United States of America

(51) H04J 13/10
(11) EP2158688
(21) EP08777431.1
(47) 25.07.2018
(87) JP2008061286
18.12.2008
(22) 13.06.2008
(54) DEVICE FOR DESIGNING A SEQUENCE FOR CODE MODULATION OF DATA AND CHANNEL ESTIMATION
(73) Nokia Technologies Oy
(72) KOWALSKI, John M.
(31) 764061
(32) 15.06.2007
(33) United States of America

(51) H04J 99/00
H04B 7/0456
H04J 11/00
H04B 7/00
H04B 7/06
H04B 7/10
H04L 25/02
H04L 25/03
H04B 7/0413
H04B 7/04
(11) EP2375604
(21) EP10729168.4
(47) 25.07.2018
(87) JP2010000048
15.07.2010
(22) 06.01.2010
(54) WIRELESS COMMUNICATION APPARATUS, WIRELESS COMMUNICATION SYSTEM AND WIRELESS COMMUNICATION METHOD
(73) Sun Patent Trust
(72) YU, Qian
HUANG, LEI
HOSHINO, Masayuki
IMAMURA, Daichi
(31) 2009001352
(32) 07.01.2009
(33) Japan

(51) H04K 3/00
(11) EP2652894
(21) EP11830082.1
(47) 25.07.2018
(87) EP2011073153
21.06.2012
(22) 16.12.2011
(54) SPURIOUS SIGNAL GENERATOR
(73) THALES
(72) HOUIX, Hervé
BAZIN, David
(31) 1004940
(32) 17.12.2010
(33) France

(51) H04K 3/00
H04B 17/00
(11) EP2828994
(21) EP13718084.0
(47) 25.07.2018
(87) DE2013000124
03.10.2013
(22) 07.03.2013
(54) METHOD FOR THE SELF-TESTING OF A REACTIVE RADIO INTERFERER
(73) HENSOLDT Sensors GmbH
(72) MEUSLING, Askold
BRACK, Torben
PIONTEK, Hubert
(31) 102012006228
(32) 24.03.2012
(33) Germany

(51) H04L 1/00
(11) EP2491667
(21) EP10765636.5
(47) 25.07.2018
(87) EP2010065509
28.04.2011
(22) 15.10.2010
(54) FRAME DE-MAPPING APPARATUS AND METHOD
(73) Saturn Licensing LLC
(72) LOGHIN, Nabil
STADELMEIER, Lothar
ROBERT, Joerg
(31) 09173560
(32) 20.10.2009
(33) European Patent Office (EPO)

(51) H04L 1/00
G06F 11/07
(11) EP1484679
(21) EP04011340.9
(47) 25.07.2018
(22) 13.05.2004
(54) Method and system to guarantee maximum response times in complex or distributed systems , secure or unsecure systems
(73) PHOENIX CONTACT GmbH & Co. KG
(72) Meyer-Gräfe, Karsten
Kalhoff, Johannes
Horn, Steffen
Oster, Viktor
Stallmann, Oliver
(31) 10325263
(32) 03.06.2003
(33) Germany

(51) H04L 1/00
H04L 1/20
(11) EP3100389
(21) EP14805378.8
(47) 25.07.2018
(87) SE2014051321

06.08.2015
(22) 07.11.2014
(54) REPORTING SERVING CELL PACKET LOSS RATE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) KAZMI, Muhammad
CALLENDER, Christopher
(31) 201461933949 P
(32) 31.01.2014
(33) United States of America

(51) H04L 1/00
H04W 74/08
H04W 74/00
(11) EP2854319
(21) EP14193810.0
(47) 25.07.2018
(22) 05.03.2009
(54) Radio communication system, communication apparatus, radio communication network system and method therefor
(73) NEC Corporation
(72) Futaki, Hisashi
Lee, Jinsock
Hamabe, Kojiro
(31) 2008057726
(32) 07.03.2008
(33) Japan

(51) H04L 1/18
(11) EP2446572
(21) EP10729985.1
(47) 25.07.2018
(87) US2010039500
13.01.2011
(22) 22.06.2010
(54) WIRELESS COMMUNICATION HAVING REDUCED FEEDBACK DELAY
(73) Qualcomm Incorporated
(72) LUO, Tao
MALLADI, Durga Prasad
ZHANG, Xiaoxia
MONTOJO, Juan
HO, Sai Yiu Duncan
TENNY, Nathan Edward
(31) 219302 P
819355
(32) 22.06.2009
21.06.2010
(33) United States of America
United States of America

(51) H04L 1/18
(11) EP2456115
(21) EP10809440.0
(47) 25.07.2018
(87) CN2010070024
24.02.2011
(22) 05.01.2010
(54) METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING HYBRID AUTOMATIC REPEAT REQUEST FAILURE INDICATION
(73) ZTE Corporation
(72) HE, Meifang
CHENG, Xiang
ZHANG, Yu
(31) 200910166179
(32) 18.08.2009
(33) China

(51) H04L 1/18
H04L 5/00
(11) EP2740231
(21) EP12750916.4
(47) 25.07.2018
(87) US2012049444
07.02.2013
(22) 03.08.2012
(54) ALLOCATING PHYSICAL HYBRID ARQ INDICATOR CHANNEL (PHICH) RESOURCES
(73) Qualcomm Incorporated
(72) CHEN, Wanshi
DAMNJANOVIC, Jelena M.
MONTOJO, Juan
(31) 201161514757 P
201213565704
(32) 03.08.2011
02.08.2012
(33) United States of America
United States of America

(51) H04L 5/00
(11) EP2880803
(21) EP13704638.9
(47) 25.07.2018
(87) SE2013050027
06.02.2014
(22) 17.01.2013
(54) ePDCCH SEARCH SPACE DESIGN
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) FURUSKOG, Johan
LARSSON, Daniel
FRENNE, Mattias
KOORAPATY, Havish
(31) 201261679140 P
(32) 03.08.2012
(33) United States of America

(51) H04L 5/00
(11) EP2675100
(21) EP13172020.3
(47) 25.07.2018
(22) 14.06.2013
(54) Method of indicating downlink control channel and a communication device related thereto
(73) ACER INCORPORATED
(72) Lee, Chien-Min
(31) 201261659985 P
201313917618
(32) 15.06.2012
13.06.2013
(33) United States of America
United States of America

(51) H04L 5/00
(11) EP2556619
(21) EP11716705.6
(47) 25.07.2018
(87) US2011031456
13.10.2011
(22) 06.04.2011
(54) MUTING SCHEMES FOR CHANNEL STATE INFORMATION REFERENCE SIGNAL AND SIGNALING THEREOF
(73) Qualcomm Incorporated
(72) BHATTAD, Kapil
CHEN, Wanshi
GAAL, Peter
XU, Hao
(31) 201113077835
899448
321473 P
(32) 31.03.2011
06.10.2010
06.04.2010
(33) United States of America
United States of America
United States of America

(51) H04L 5/00
H04B 7/02
H04L 1/00
(11) EP2460285
(21) EP10841932.6
(47) 25.07.2018
(87) CN2010076662
14.07.2011
(22) 07.09.2010
(54) METHOD FOR MULTIPLEXING CONTROL AND DATA CHANNELS IN A MULTIPLE INPUT MULTIPLE OUTPUT(MIMO) COMMUNICATION SYSTEM
(73) Huawei Technologies Co., Ltd.
(72) BLANKENSHIP, Yufei
XIAO, Weimin
JIN, Ying
(31) 856333
293985 P
(32) 13.08.2010
11.01.2010
(33) United States of America
United States of America

(51) H04L 5/00
H04B 7/26
H04J 11/00
H04L 1/18
H04W 72/04
H04W 72/12
H04W 74/00
(11) EP2975791
(21) EP14763552.8
(47) 25.07.2018
(87) KR2014002119
18.09.2014
(22) 13.03.2014
(54) METHOD FOR TRANSMITTING CONTROL INFORMATION AND DEVICE THEREFOR
(73) LG Electronics Inc.
(72) YANG, Suckchel
YI, Yunjung
KIM, Bonghoe
AHN, Joonkui
(31) 201361780856 P
201361808615 P
201361811128 P
201361817350 P
(32) 13.03.2013
04.04.2013
12.04.2013
30.04.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) H04L 5/00
H04J 11/00

H04B 1/7103
H04W 24/02
(11) EP2982087
(21) EP14722925.6
(47) 25.07.2018
(87) US2014032872
09.10.2014
(22) 03.04.2014
(54) CHANNEL STATE INFORMATION REFERENCE SIGNAL (CSI-RS) HANDLING FOR NETWORK ASSISTED INTERFERENCE CANCELLATION
(73) Qualcomm Incorporated
(72) XU, Hao
CHEN, Wanshi
LUO, Tao
GAAL, Peter
YOO, Taesang
WEI, Yongbin
MALLADI, Durga Prasad
GEIRHOFER, Stefan
(31) 201361808167 P
201414243848
(32) 03.04.2013
02.04.2014
(33) United States of America
United States of America

(51) H04L 5/00
H04L 1/00
(11) EP2549669
(21) EP10852019.8
(47) 25.07.2018
(87) CN2010077641
01.12.2011
(22) 11.10.2010
(54) METHOD AND DEVICE FOR DE-MAPPING IN LTE DOWNLINK CONTROL CHANNEL
(73) Sanechips Technology Co., Ltd.
(72) WANG, Shuai
(31) 201010182721
(32) 25.05.2010
(33) China

(51) H04L 5/00
H04L 5/14
H04W 72/12
(11) EP3163782
(21) EP15382526.0
(47) 25.07.2018
(22) 27.10.2015
(54) METHOD TO PERFORM JOINT SCHEDULING IN THE DOWNLINK OR IN THE UPLINK OF A CENTRALIZED OFDM RADIO ACCESS NETWORK FOR A PLURALITY OF USERS CONSIDERING TIME, FREQUENCY AND SPACE DOMAINS, SCHEDULER DEVICE THEREOF AND COMPUTER PROGRAM PRODUCTS
(73) Telefonica, S.A.
(72) Lorca Hernando, Javier

(51) H04L 5/00
H04L 25/02
(11) EP2678986
(21) EP12703773.7
(47) 25.07.2018
(87) EP2012052006
30.08.2012
(22) 07.02.2012
(54) OPERATION OF USER EQUIPMENT WHEN CONTROL AND DATA INFORMATION ARE SUPPLIED BY DIFFERENT RADIO UNITS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LINDOFF, Bengt
NORDSTRÖM, Fredrik
(31) 201113033722
(32) 24.02.2011
(33) United States of America

(51) H04L 5/00
H04L 25/02
H04J 13/00
(11) EP2579661
(21) EP11786575.8
(47) 25.07.2018
(87) JP2011061679
01.12.2011
(22) 20.05.2011
(54) MOBILE STATION APPARATUS, BASE STATION APPARATUS, WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION METHOD AND INTEGRATED CIRCUIT
(73) Sharp Kabushiki Kaisha
(72) SUZUKI Shoichi
AKIMOTO, Yosuke
(31) 2010121258
(32) 27.05.2010
(33) Japan

(51) H04L 5/00
H04L 27/00
H04L 27/26
(11) EP3174236
(21) EP17151229.6
(47) 25.07.2018
(22) 23.10.2015
(54) SELECTION OF SUBFRAME FORMATS AND TRANSMISSION IN AN UNLICENSED BAND
(73) HTC Corporation
(72) WU, Chih-Hsiang
(31) 201462067446 P
(32) 23.10.2014
(33) United States of America

(51) H04L 5/00
H04W 16/10
H04W 24/10
H04W 72/04
(11) EP2852086
(21) EP14185654.2
(47) 25.07.2018
(22) 19.09.2014
(54) System and methods for band-limited subframes in wireless networks
(73) BlackBerry Limited
(72) Pourahmadi, Vahid
Jia, Yongkang
Song, Yi
Muruganathan, Siva Dharshan
Blankenship, Yufei Wu
Xu, Hua
Harrison, Robert Mark
Gao, Shiwei
Ebrahimi Tazeh Mahalleh, Masoud
(31) 201314033104
(32) 20.09.2013
(33) United States of America

(51) H04L 5/00
H04W 24/10
H04W 72/12
H04W 16/14
H04L 1/00
H04W 72/10
(11) EP3051729
(21) EP16153343.5
(47) 25.07.2018
(22) 29.01.2016
(54) DEVICE AND METHOD OF HANDLING CHANNEL STATUS INFORMATION FOR UNLICENSED SERVING CELL
(73) Acer Incorporated
(72) Lee, Chien-Min
(31) 201562109079 P
201615006125
(32) 29.01.2015
26.01.2016
(33) United States of America
United States of America

(51) H04L 5/00
H04W 76/15
H04W 28/16
(11) EP2914029
(21) EP13849485.1
(47) 25.07.2018
(87) CN2013083588
01.05.2014
(22) 16.09.2013
(54) METHOD AND DEVICE FOR MANAGEMENT OF SECONDARY CELLS IN CARRIER AGGREGATION
(73) ZTE Corporation
(72) LI, Jinglan
(31) 201210416995
(32) 26.10.2012
(33) China

(51) H04L 5/02
H04L 27/26
H04W 72/00
H04W 72/04
(11) EP1985041
(21) EP07709011.6
(47) 25.07.2018
(87) KR2007000862
23.08.2007
(22) 16.02.2007
(54) APPARATUS AND METHOD FOR ALLOCATING RESOURCES AND PERFORMING COMMUNICATION IN A WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) JUNG, Jung-Soo Samsung Electronics Co., Ltd
KIM, Dae-Gyun Samsung Electronics Co., Ltd
KIM, Yu-Chul Samsung Electronics Co., Ltd
BAE, Beom-Sik Samsung Electronics Co., Ltd
HAN, Jin-Kyu- Samsung Electronics Co., Ltd
KWON, Hwan-Joon Samsung Electronics Co., Ltd
CHO, Yun-Ok Samsung Electronics Co., Ltd
(31) 20060015951
(32) 18.02.2006

(33) Korea (Republic)

(51) H04L 7/04
H04B 7/26
H04L 1/00
(11) EP2566095
(21) EP12006093.4
(47) 25.07.2018
(22) 28.08.2012
(54) Systems and methods for frame synchronization
(73) Harris Corporation
(72) Nair, Sujit
Amirapu, Sree B.
Peterson III., Eugene H.
(31) 201113224622
(32) 02.09.2011
(33) United States of America

(51) H04L 9/00
G06K 17/00
H04W 12/06
H04L 9/08
H04L 9/32
H04L 29/06
(11) EP2838224
(21) EP13775724.1
(47) 25.07.2018
(87) CN2013072632
17.10.2013
(22) 14.03.2013
(54) AIR INTERFACE SECURITY METHOD AND DEVICE
(73) China Iwncomm Co., Ltd
(72) DU, Zhiqiang
TIE, Manxia
ZHANG, Guoqiang
(31) 201210121152
(32) 11.04.2012
(33) China

(51) H04L 9/06
(11) EP3127271
(21) EP14713496.9
(47) 25.07.2018
(87) EP2014056421
08.10.2015
(22) 31.03.2014
(54) OBFUSCATED PERFORMANCE OF A PREDETERMINED FUNCTION
(73) Irdeto B.V.
(72) WIENER, Michael

(51) H04L 9/32
(11) EP1706954
(21) EP05705404.1
(47) 25.07.2018
(87) US2005000721
04.08.2005
(22) 10.01.2005
(54) SIGNATURE-EFFICIENT REAL TIME CREDENTIALS FOR OCSP AND DISTRIBUTED OCSP
(73) ASSA ABLOY AB
(72) ENGBERG, David
LIBIN, Phil
MICALI, Silvio
(31) 535666 P
536817 P
(32) 09.01.2004
15.01.2004
(33) United States of America
United States of America

(51) H04L 9/32
G06F 15/16
H04L 29/08
H04L 29/06
(11) EP2761806
(21) EP12836757.0
(47) 25.07.2018
(87) US2012057657
04.04.2013
(22) 27.09.2012
(54) HOST AGNOSTIC INTEGRATION AND INTEROPERATION SYSTEM
(73) Microsoft Technology Licensing, LLC
(72) RUHLEN, Matthew James
YUHAS JR., Kenneth John
FIELDS, Mark T.
ABADI, Martin
(31) 201161539975 P
201113329964
(32) 27.09.2011
19.12.2011
(33) United States of America
United States of America

(51) H04L 9/32
H04L 9/00
H04L 29/06
(11) EP3010177
(21) EP15189617.2
(47) 25.07.2018
(22) 13.10.2015
(54) METHOD FOR AUTHENTICATING A CLIENT DEVICE WITH A SERVER USING A SECRET ELEMENT
(73) Morpho
(72) BRINGER, Julien
CHABANNE, Hervé
CIPIERE, Olivier
HUGEL, Rodolphe
LESCUYER, Roch
(31) 1459804
(32) 13.10.2014
(33) France

(51) H04L 12/12
H04L 12/28
F24F 5/00
H02J 3/14
F24F 11/00
F24F 140/50
(11) EP3068069
(21) EP16154249.3
(47) 25.07.2018
(22) 04.02.2016
(54) NETWORK SYSTEM AND METHOD FOR CONTROLLING THE SAME
(73) LG Electronics Inc.
(72) KIM, Jusu
KIM, Sangwon
CHOI, Daehyun
LEE, Kyoungteak
(31) 20150033966
(32) 11.03.2015
(33) Korea (Republic)

(51) H04L 12/18
(11) EP2538611
(21) EP12172963.6
(47) 25.07.2018
(22) 21.06.2012
(54) Conferencing and collaboration
(73) Mitel Networks Corporation
(72) Couse, Peter
(31) 201113134923
(32) 21.06.2011
(33) United States of America

(51) H04L 12/18
(11) EP2987274
(21) EP14730024.8
(47) 25.07.2018
(87) US2014037562
13.11.2014
(22) 09.05.2014
(54) DYNAMIC MULTI-DESTINATION ADDRESSING
(73) Huawei Technologies Co., Ltd.
(72) EASTLAKE, Donald, E., III
(31) 201361822175 P
(32) 10.05.2013
(33) United States of America

(51) H04L 12/18
H04L 12/58
(11) EP2406917
(21) EP10713054.4
(47) 25.07.2018
(87) US2010026446
16.09.2010
(22) 05.03.2010
(54) PUSH NOTIFICATION SERVICE
(73) Apple Inc.
(72) BELL, Kris, M.
BLEAU, Darryl, N.
DAVEY, Jeffery, T.
(31) 158693 P
479606
(32) 09.03.2009
05.06.2009
(33) United States of America
United States of America

(51) H04L 12/24
(11) EP3076600
(21) EP16160110.9
(47) 25.07.2018
(22) 14.03.2016
(54) DISPLAY METHOD, DEVICE, AND PROGRAM
(73) FUJITSU LIMITED
(72) Takezawa, Daisuke
Kubota, Ryosuke
Yamane, Shinji
Nogami, Tetsuya
(31) 2015073709
(32) 31.03.2015
(33) Japan

(51) H04L 12/24
H04L 12/26
H04L 12/703
H04L 12/707
H04L 12/729
H04L 12/751
H04L 12/801
H04L 12/721
H04L 12/851
(11) EP2813037
(21) EP12705670.3
(47) 25.07.2018
(87) EP2012053058
15.08.2013

(22) 23.02.2012
(54) MONITORING CARRIER ETHERNET NETWORKS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) MAGGIARI, Massimiliano
BEVILACQUA, Michela
MARCENARO, Carla
(31) 12154269
(32) 07.02.2012
(33) European Patent Office (EPO)

(51) H04L 12/24
H04L 29/06
H04L 9/32
(11) EP2908466
(21) EP14154813.1
(47) 25.07.2018
(22) 12.02.2014
(54) Network system for retrieval of configuration related data
(73) regify S.A.
(72) Kammerer, Kurt
Schmid, Volker

(51) H04L 12/24
H04L 29/08
H04W 28/22
H04L 12/70
(11) EP2987275
(21) EP13715992.7
(47) 25.07.2018
(87) EP2013057776
23.10.2014
(22) 15.04.2013
(54) ENHANCED QOS CONTROL IN PCRF
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) STENFELT, John
CASTRO CASTRO, Fabian

(51) H04L 12/26
H04L 12/24
(11) EP3205054
(21) EP15778749.0
(47) 25.07.2018
(87) IB2015057364
14.04.2016
(22) 24.09.2015
(54) METHOD, TRAFFIC MONITOR (TM), REQUEST ROUTER (RR) AND SYSTEM FOR MONITORING A CONTENT DELIVERY NETWORK (CDN)
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ZHU, Zhongwen
MUTHIREDDY, Ramakoteswara
GREGOIRE, Nadine
(31) 201462061888 P
(32) 09.10.2014
(33) United States of America

(51) H04L 12/28
(11) EP3171550
(21) EP16198625.2
(47) 25.07.2018
(22) 14.11.2016
(54) MESSAGE RECEPTION DEVICE AND SCREEN TRANSITION METHOD
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) NAKAMURA, Koji
YOSHIMURA, Yasuo
(31) 2015225398
(32) 18.11.2015
(33) Japan

(51) H04L 12/28
H04L 9/32
H04L 29/02
H04L 29/06
H04L 12/741
(11) EP2583415
(21) EP11796367.8
(47) 25.07.2018
(87) US2011040525
22.12.2011
(22) 15.06.2011
(54) METHOD, DIAMETER NODE, AND COMPUTER READABLE MEDIUM FOR PROVIDING DYNAMIC ORIGINATION-BASED ROUTING KEY REGISTRATION IN A DIAMETER NETWORK
(73) Tekelec, Inc.
(72) KANODE, Mark, Edward
MARSICO, Peter, Joseph
(31) 355002 P
(32) 15.06.2010
(33) United States of America

(51) H04L 12/28
H04L 12/46
H04L 12/721
H04L 12/717
(11) EP2656563
(21) EP11815698.3
(47) 25.07.2018
(87) FR2011053169
28.06.2012
(22) 22.12.2011
(54) METHOD OF COMMUNICATION BETWEEN TWO ITEMS OF TERMINATION EQUIPMENT
(73) Orange
(72) JOUNAY, Frédéric
LE CLECH, Fabien
(31) 1061157
(32) 23.12.2010
(33) France

(51) H04L 12/46
(11) EP2654249
(21) EP11849263.6
(47) 25.07.2018
(87) JP2011073874
21.06.2012
(22) 17.10.2011
(54) RELAY COMMUNICATION SYSTEM
(73) Murata Machinery, Ltd.
(72) TANIMOTO, Yoshifumi
(31) 2010280039
(32) 16.12.2010
(33) Japan

(51) H04L 12/46
(11) EP2757742
(21) EP11872299.0
(47) 25.07.2018
(87) JP2011070767
21.03.2013
(22) 12.09.2011
(54) ON-VEHICLE GATEWAY APPARATUS AND COMMUNICATION SYSTEM FOR VEHICLE
(73) Toyota Jidosha Kabushiki Kaisha
(72) HIRASHIMA, Osamu
SATOH, Yuusuke
KAWAI, Katsunori
MAKINO, Masahiro
HARA, Koutarou

(51) H04L 12/58
(11) EP2572328
(21) EP11783939.9
(47) 25.07.2018
(87) US2011034800
24.11.2011
(22) 02.05.2011
(54) TRUSTED E-MAIL COMMUNICATION IN A MULTI-TENANT ENVIRONMENT
(73) Microsoft Technology Licensing, LLC
(72) GOUREVITCH, Gregory
BOCTOR, Victor William Habib
DE GRAAF, Wilbert
(31) 785348
(32) 21.05.2010
(33) United States of America

(51) H04L 12/58
(11) EP2860915
(21) EP14163383.4
(47) 25.07.2018
(22) 03.04.2014
(54) Method of handling SMS messages and related communication system
(73) Acer Incorporated
(72) Chuang, Chia-Yun
(31) 201314052768
(32) 13.10.2013
(33) United States of America

(51) H04L 12/58
H04L 29/08
(11) EP3079312
(21) EP14868632.2
(47) 25.07.2018
(87) CN2014081416
11.06.2015
(22) 01.07.2014
(54) METHOD OF SERVICE SYNCHRONIZATION AND SHARING AND MULTI-DEVICE CONTROL IN DIGITAL HOME
(73) Institute of Acoustics,Chinese Academy of Sciences
Beijing Intellix Technologies Co. Ltd.
(72) HU, Linlin
GUO, Zhichuan
ZHANG, Wu
WANG, Jinlin
(31) 201310642371
(32) 03.12.2013
(33) China

(51) H04L 12/66
H04L 29/06
(11) EP2002684
(21) EP07762636.4
(47) 25.07.2018
(87) US2007002175
09.08.2007
(22) 26.01.2007
(54) SUPPORTING CIRCUIT SWITCHED INTERWORKING
(73) InterDigital Technology Corporation
(72) SHAHEEN, Kamel, M.
(31) 763639 P
(32) 31.01.2006

(33) United States of America

(51) H04L 12/66
H04W 56/00
(11) EP2014021
(21) EP07741908.3
(47) 25.07.2018
(87) JP2007058472
08.11.2007
(22) 12.04.2007
(54) COMMUNICATION APPARATUS AND CONTROL METHOD, PROGRAM, AND STORAGE MEDIUM THEREOF
(73) Canon Kabushiki Kaisha
(72) AOKI, Norihito
(31) 2006126927
(32) 28.04.2006
(33) Japan

(51) H04L 12/701
H04L 12/703
H04L 12/707
H04L 12/24
(11) EP1851559
(21) EP06720965.0
(47) 25.07.2018
(87) US2006006238
31.08.2006
(22) 21.02.2006
(54) METHOD AND APPARATUS FOR CONSTRUCTING A REPAIR PATH AROUND A NON-AVAILABLE COMPONENT IN A DATA COMMUNICATIONS NETWORK
(73) Cisco Technology, Inc.
(72) BRYANT, Stewart, Frederick
SHAND, Ian, Michael, Charles
(31) 64275
(32) 22.02.2005
(33) United States of America

(51) H04L 12/701
H04L 12/741
H04L 12/747
(11) EP2033378
(21) EP07730602.5
(47) 25.07.2018
(87) FI2007000133
13.12.2007
(22) 16.05.2007
(54) A PACKET CLASSIFICATION METHOD FOR NETWORKS WITH STATIC ROUTING
(73) Nokia Technologies Oy
(72) BALANDINA, Elena
BALANDIN, Sergey
(31) 20060563
(32) 07.06.2006
(33) Finland

(51) H04L 12/709
H04L 12/707
H04L 12/28
H04L 12/703
(11) EP2843880
(21) EP13781648.4
(47) 25.07.2018
(87) JP2013054421
31.10.2013
(22) 15.02.2013
(54) SWITCH, TRANSMISSION METHOD, PROGRAM, AND RECORDING MEDIUM
(73) Allied Telesis Holdings K.K.
(72) YAMAMOTO, Hiroyuki
(31) 2012103709
(32) 27.04.2012
(33) Japan

(51) H04L 12/723
H04L 12/851
H04L 12/913
H04L 12/927
(11) EP2692099
(21) EP12765895.3
(47) 25.07.2018
(87) US2012022580
04.10.2012
(22) 25.01.2012
(54) SOFT PREEMPTION FOR MINIMIZING PREEMPTIONS IN A NETWORK
(73) Cisco Technology, Inc.
(72) GANDHI, Rakesh
SAWAYA, Robert
SAAD, Tarek
ISRAR, Junaid
(31) 201113077352
(32) 31.03.2011
(33) United States of America

(51) H04L 12/741
H04L 12/715
(11) EP3195537
(21) EP15771278.7
(47) 25.07.2018
(87) IB2015056612
10.03.2016
(22) 31.08.2015
(54) FORWARDING TABLE PRECEDENCE IN SDN
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) HE, Jiang
WANG, He
ZHAO, Zhenning
LI, Xianmin
(31) 201414478189
(32) 05.09.2014
(33) United States of America

(51) H04L 12/741
H04L 12/743
H04L 12/745
H04L 12/701
(11) EP2869510
(21) EP14189968.2
(47) 25.07.2018
(22) 22.10.2014
(54) EXPRESS HEADER FOR PACKETS WITH HIERARCHICALLY STRUCTURED VARIABLE-LENGTH IDENTIFIERS
(73) Cisco Technology, Inc.
(72) Solis, Ignacio
Mosko, Marc E.
(31) 201314069251
(32) 31.10.2013
(33) United States of America

(51) H04L 12/803
H04L 29/08
(11) EP2790362
(21) EP12865297.1
(47) 25.07.2018
(87) CN2012086560
18.07.2013
(22) 13.12.2012
(54) NETWORK LOAD CONTROL METHOD AND REGISTRATION SERVER
(73) ZTE Corporation
(72) TAO, Quanjun
WANG, Wei
WU, Jianhua
(31) 201210007024
(32) 11.01.2012
(33) China

(51) H04L 12/931
H04L 1/00
H04L 12/937
(11) EP3070894
(21) EP16163413.4
(47) 25.07.2018
(22) 19.10.2010
(54) MULTIPROCESSOR SYSTEM WITH HIBERNATION STATE
(73) III Holdings 2, LLC
(72) DAVIS, Mark, Bradley
BORLAND, David, James
(31) 256723 P
794996
(32) 30.10.2009
07.06.2010
(33) United States of America
United States of America

(51) H04L 25/02
H02M 7/538
(11) EP3082310
(21) EP15178857.7
(47) 25.07.2018
(22) 29.07.2015
(54) DRIVING MODULE AND DRIVING METHOD
(73) MediaTek, Inc
(72) Hou, Chun-Chih
(31) 201514685608
(32) 14.04.2015
(33) United States of America

(51) H04L 25/02
H04L 5/00
H04B 7/06
(11) EP2654257
(21) EP13164398.3
(47) 25.07.2018
(22) 19.04.2013
(54) Method and apparatus for blind detection of secondary pilot signal in a wireless communication system
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) Jonsson, Elias
Uesaka, Kazuyoshi
(31) 201213452652
(32) 20.04.2012
(33) United States of America

(51) H04L 25/02
H04L 5/00
H04W 16/28
H04B 7/06
(11) EP2879424
(21) EP13828200.9
(47) 25.07.2018
(87) CN2013081240
13.02.2014
(22) 09.08.2013
(54) METHOD AND APPARATUS FOR MEASURING PILOT

(73) ZTE Corporation
(72) ZHANG, Chenchen
SUN, Yunfeng
GUO, Senbao
(31) 201210282533
(32) 09.08.2012
(33) China

(51) H04L 25/03
H04W 24/02
H04L 25/02
(11) EP2641369
(21) EP11796746.3
(47) 25.07.2018
(87) FR2011052644
24.05.2012
(22) 15.11.2011
(54) METHOD OF COMMUNICATION IN A COOPERATIVE NETWORK
(73) Orange
(72) PHAN HUY, Dinh Thuy
LEGOUABLE, Rodolphe
(31) 1059520
(32) 19.11.2010
(33) France

(51) H04L 27/20
G02B 26/06
H04B 10/50
(11) EP2557748
(21) EP10848734.9
(47) 25.07.2018
(87) CN2010076052
06.10.2011
(22) 17.08.2010
(54) METHOD AND APPARATUS FOR CONTROLLING PHASE DELAY OFFSET POINT OF MODULATOR
(73) ZTE Corporation
(72) YI, Hong
CHEN, Jianhua
(31) 201010140013
(32) 30.03.2010
(33) China

(51) H04L 27/26
(11) EP1949636
(21) EP06839907.0
(47) 25.07.2018
(87) US2006060950
24.05.2007
(22) 15.11.2006
(54) SYNCHRONISATION IN A MULTICARRIER RECEIVER WITH GUARD INTERVAL CARRELATION
(73) QUALCOMM Incorporated
(72) GLAZKO, Serguei A.
LAI, Kuei-chiang
PATEL, Shimman
(31) 737087 P
386865
(32) 15.11.2005
22.03.2006
(33) United States of America
United States of America

(51) H04L 27/26
H04L 1/18
H04W 52/42
H04L 1/06
(11) EP2008419
(21) EP07746073.1
(47) 25.07.2018
(87) KR2007001911
25.10.2007
(22) 19.04.2007
(54) TRANSMISSION METHOD OF MOBILE STATION FOR RANDOM ACCESS CHANNEL DIVERSITY
(73) Electronics and Telecommunications Research Institute
Samsung Electronics Co., Ltd.
(72) YI, Hyo-Seok
KIM, Il-Gyu
PARK, Hyeong-Geun
KO, Young-Jo
CHANG, Kapseok
KIM, Young-Hoon
BANG, Seung-Chan
(31) 20060035326
20060072268
20070003087
20070038150
(32) 19.04.2006
31.07.2006
10.01.2007
19.04.2007
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)

(51) H04L 27/26
H04L 5/00
H04L 1/04
(11) EP2269356
(21) EP09733130.0
(47) 25.07.2018
(87) IB2009051559
22.10.2009
(22) 14.04.2009
(54) Improved Dual Carrier Modulation Precoding
(73) Koninklijke Philips N.V.
(72) WANG, Dong
BIRRU, Dagnachew
(31) 46121 P
161897 P
(32) 18.04.2008
20.03.2009
(33) United States of America
United States of America

(51) H04L 27/26
H04L 5/00
H04L 27/00
(11) EP2654259
(21) EP11856395.6
(47) 25.07.2018
(87) CN2011080301
26.07.2012
(22) 28.09.2011
(54) METHOD OF TRANSMITTING SIGNALS AND DEVICE THEREOF
(73) Huawei Technologies Co., Ltd.
(72) SUN, Guolin
ZHOU, Xiangwei
JIANG, Wei
(31) 201110024052
(32) 21.01.2011
(33) China

(51) H04L 27/26
H04L 5/00
H04W 8/30
H04W 72/04
H04B 7/06
(11) EP3101858
(21) EP16165317.5
(47) 25.07.2018
(22) 10.08.2012
(54) REFERENCE SIGNAL CONFIGURATION FOR EXTENSION CARRIERS
(73) Interdigital Patent Holdings, Inc.
(72) SHIN, Sung-Hyuk
KOO, Chang-Soo
XI, Fengjun
LEE, Moon-il
STERN-BERKOWITZ, Janet, A.
PELLETIER, Ghyslain
(31) 201161523276 P
(32) 12.08.2011
(33) United States of America

(51) H04L 27/26
H04L 25/02
H04L 25/03
(11) EP2497240
(21) EP10774198.5
(47) 25.07.2018
(87) EP2010066517
12.05.2011
(22) 29.10.2010
(54) Low complexity OFDM data reception with decreased power consumption
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) WILHELMSSON, Leif
SVENSSON, Jim
(31) 257618 P
707702
(32) 03.11.2009
18.02.2010
(33) United States of America
United States of America

(51) H04L 27/26
H04W 52/02
H04W 72/04
H04L 5/00
H04J 1/04
H04L 1/18
H04L 1/00
H04W 24/02
(11) EP2577926
(21) EP11725561.2
(47) 25.07.2018
(87) US2011037717
01.12.2011
(22) 24.05.2011
(54) RETUNING GAPS AND SCHEDULING GAPS IN DISCONTINUOUS RECEPTION
(73) InterDigital Patent Holdings, Inc.
(72) TERRY, Stephen E.
PELLETIER, Ghyslain
MARINIER, Paul
(31) 356359 P
348510 P
347997 P
(32) 18.06.2010
26.05.2010
25.05.2010
(33) United States of America
United States of America
United States of America

(51) H04L 27/38
H03D 1/22
H03D 3/00
H04B 1/10
H04B 1/30
H04B 1/74
(11) EP2777238
(21) EP12791047.9
(47) 25.07.2018
(87) US2012064513
16.05.2013
(22) 09.11.2012
(54) DYNAMIC RECEIVER SWITCHING
(73) Qualcomm Incorporated
(72) FERNANDO, Udara C.
(31) 201161557838 P
201213402781
(32) 09.11.2011
22.02.2012
(33) United States of America
United States of America

(51) H04L 29/06
(11) EP2755365
(21) EP14150299.7
(47) 25.07.2018
(22) 07.01.2014
(54) CABLE MODEM AND METHOD OF SELECTING COMMUNICATION PROTOCOLS THEREOF
(73) Compal Broadband Networks Inc.
(72) Cheng, Jen-Cheng
(31) 102100720
(32) 09.01.2013
(33) Taiwan, Province of China

(51) H04L 29/06
(11) EP1391073
(21) EP02729059.2
(47) 25.07.2018
(87) US2002013521
14.11.2002
(22) 30.04.2002
(54) METHOD AND SYSTEM FOR INCREASING SECURITY OF A SECURE CONNECTION
(73) Vasco Data Security International GmbH
(72) COULIER, Frank
(31) 287858 P
(32) 01.05.2001
(33) United States of America

(51) H04L 29/06
(11) EP1690391
(21) EP04810353.5
(47) 25.07.2018
(87) US2004036834
19.05.2005
(22) 05.11.2004
(54) TRANSPARENT OPTIMIZATION FOR TRANSMISSION CONTROL PROTOCOL INITIAL SESSION ESTABLISHMENT
(73) Juniper Networks, Inc.
(72) SINGH, Balraj
SINGH, Amit P
PAXSON, Vern
(31) 517934 P
983131
(32) 05.11.2003
04.11.2004
(33) United States of America
United States of America

(51) H04L 29/06
(11) EP1916819
(21) EP07119074.8
(47) 25.07.2018
(22) 23.10.2007
(54) Compression device and associated decompression device
(73) Alcatel Lucent
(72) Niddam, David
Delamotte, Luc
Wuilque, Pascal
(31) 0654472
(32) 24.10.2006
(33) France

(51) H04L 29/06
(11) EP2145450
(21) EP08750942.8
(47) 25.07.2018
(87) IB2008001201
27.11.2008
(22) 14.05.2008
(54) A NODE AND METHOD TO PROVIDE AND KEEP REAL-TIME UP-TO-DATE DATA IN A DISTRIBUTED HASH TABLE
(73) Nokia Technologies Oy
(72) MATUSZEWSKI, Marcin
GARCIA-MARTIN, Miguel A.
(31) 798942
(32) 17.05.2007
(33) United States of America

(51) H04L 29/06
(11) EP2380329
(21) EP09832961.8
(47) 25.07.2018
(87) EP2009063593
24.06.2010
(22) 16.10.2009
(54) METHOD OF MANAGING SENSITIVE DATA IN AN ELECTRONIC TOKEN
(73) Gemalto SA
(72) FAURE, Frédéric
PARIS, Jean-Sébastien
(31) 08305985
(32) 19.12.2008
(33) European Patent Office (EPO)

(51) H04L 29/06
(11) EP3229436
(21) EP16205683.2
(47) 25.07.2018
(22) 09.11.2011
(54) RETRIEVING DATA STORED SECURELY IN THE CLOUD
(73) Huawei Technologies Co., Ltd.
(72) ZHANG, Jingbin
HE, Chengdong

(51) H04L 29/06
H04L 12/24
(11) EP2366241
(21) EP09752853.3
(47) 25.07.2018
(87) EP2009065486
24.06.2010
(22) 19.11.2009
(54) NETWORK ANALYSIS
(73) ABB Research Ltd.
(72) BRAENDLE, Markus
SCHIERHOLZ, Ragnar
HADELI, Hadeli
TUDUCE, Cristian
(31) 08171902
(32) 17.12.2008
(33) European Patent Office (EPO)

(51) H04L 29/06
H04L 12/26
H04L 12/801
H04L 12/851
H04L 29/08
(11) EP3198842
(21) EP15781196.9
(47) 25.07.2018
(87) US2015051951
31.03.2016
(22) 24.09.2015
(54) MANAGING CLASSIFIED NETWORK STREAMS
(73) Microsoft Technology Licensing, LLC
(72) TALAT, Ahmed
BHATT, Vibhor
SINNEMAKI, Jeff
ALEKSENKO, Alexei
SACSON, Ilia
FULLER, Jeffrey C
SALMAN, Milena
RAVI, Madhusudhan
KARAM, Mohammed M
JAIN, Neel
(31) 201414497313
(32) 25.09.2014
(33) United States of America

(51) H04L 29/06
H04L 12/26
H04N 5/783
H04N 21/2343
H04N 21/239
H04N 21/24
H04N 21/44
H04N 21/442
H04N 21/6373
H04N 21/647
H04N 21/845
H04L 12/801
H04L 12/825
H04L 12/835
(11) EP2820823
(21) EP13710662.1
(47) 25.07.2018
(87) US2013027813
06.09.2013
(22) 26.02.2013
(54) IMPROVED DASH CLIENT AND RECEIVER WITH BUFFER WATER-LEVEL DECISION-MAKING
(73) Qualcomm Incorporated
(72) GAO, Qiang
LUBY, Michael George
MAO, Yinian
MINDER, Lorenz Christoph
(31) 201261603569 P
201313745811
(32) 27.02.2012
20.01.2013
(33) United States of America
United States of America

(51) H04L 29/06

H04L 12/28
(11) EP2517412
(21) EP10809296.6
(47) 25.07.2018
(87) FR2010052814
30.06.2011
(22) 20.12.2010
(54) BACKUP DEVICE OF A UPnP CONTROLLER
(73) Orange
(72) MURPHY, Vincent
AGRO, Roberto
(31) 0959568
(32) 24.12.2009
(33) France

(51) H04L 29/06
H04L 12/58
(11) EP2281382
(21) EP09769500.1
(47) 25.07.2018
(87) FR2009051012
30.12.2009
(22) 29.05.2009
(54) AUTOMATED ESTABLISHMENT OF A COMMUNICATION BETWEEN TWO TERMINALS
(73) Orange
(72) MOUNIR ALAOUI, Salim
PINCHAUD, Pascal
(31) 0853581
(32) 30.05.2008
(33) France

(51) H04L 29/06
H04L 12/58
H04L 29/08
(11) EP2574001
(21) EP12195542.1
(47) 25.07.2018
(22) 29.03.2005
(54) System and method for peer-to-peer hybrid communications
(73) Damaka, Inc.
(72) Chaturvedi, Sivakumar
Gundabathula, Satish
Chaturvedi, Rameshkumar
(31) 583536 P
628183 P
628291 P
81068
(32) 29.06.2004
15.11.2004
17.11.2004
15.03.2005
(33) United States of America
United States of America
United States of America
United States of America

(51) H04L 29/06
H04L 12/701
H04L 29/08
(11) EP2800336
(21) EP14166755.0
(47) 25.07.2018
(22) 30.04.2014
(54) Processing data
(73) Metaswitch Networks Ltd
(72) Evans, Michael
Williams, Matthew
Crampton, Shaun
(31) 201307811
201308080
201308078
201400841
201414166819
(32) 30.04.2013
03.05.2013
03.05.2013
17.01.2014
28.01.2014
(33) United Kingdom
United Kingdom
United Kingdom
United Kingdom
United States of America

(51) H04L 29/06
H04L 12/703
H04L 12/725
H04L 12/26
(11) EP2534792
(21) EP11742894.6
(47) 25.07.2018
(87) US2011024588
18.08.2011
(22) 11.02.2011
(54) METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR INTER-DIAMETER-MESSAGE PROCESSOR ROUTING
(73) Tekelec, Inc.
(72) WALLACE, Donald, E.
KANODE, Mark, Edward
SPRAGUE, David, Michael
CRAIG, Jeffrey, Alan
KARMARKAR, Kedar, Kashinath
TOMAR, Mahesh
(31) 304310 P
(32) 12.02.2010
(33) United States of America

(51) H04L 29/06
H04L 29/08
(11) EP2475148
(21) EP12162746.7
(47) 25.07.2018
(22) 20.10.2010
(54) Card application toolkit support for IP multimedia system
(73) BlackBerry Limited
(72) Ali, Syed Hussain
Cormier, Jean-Philippe
Allen, Andrew Michael

(51) H04L 29/06
H04L 29/08
(11) EP2643957
(21) EP11794309.2
(47) 25.07.2018
(87) US2011062119
31.05.2012
(22) 23.11.2011
(54) OBJECT-BASED TRANSPORT PROTOCOL
(73) Qualcomm Incorporated
(72) WATSON, Mark
VICISANO, Lorenzo
WANG, Bin
CHEN, Shuzhen
PAKZAD, Payam
DAS, Saumitra Mohan
GUPTA, Rajarshi
(31) 952729
(32) 23.11.2010
(33) United States of America

(51) H04L 29/06
H04L 29/08
H04L 12/14
(11) EP3050275
(21) EP14784314.8
(47) 25.07.2018
(87) FR2014052336
02.04.2015
(22) 19.09.2014
(54) ENHANCED PROTOCOL CONVERSION IN A TELECOMMUNICATIONS NETWORK FOR PROVIDING SERVICES HAVING IMPROVED QUALITY OF SERVICE
(73) Orange
(72) BIHANNIC, Nicolas
BAJDOURI, Najib
BESSE, Julien
(31) 1359253
(32) 25.09.2013
(33) France

(51) H04L 29/06
H04M 3/50
G06F 15/16
H04L 29/12
G06F 9/50
H04L 29/08
(11) EP2929448
(21) EP13860235.4
(47) 25.07.2018
(87) US2013073196
12.06.2014
(22) 04.12.2013
(54) SYSTEM AND METHOD FOR ADDITION AND REMOVAL OF SERVERS IN SERVER CLUSTER
(73) Greeneden U.S. Holdings II, LLC
(72) GLAGOLEV, Anatoliy
TIKIN, Alexander
KOLESOV, Victor
RAIS, Philippe
SAYKO, Vyacheslav
BUDILOVSKY, Grygoriy
(31) 201261733408 P
201313844099
201313844159
201313844190
201313844027
201313843951
(32) 04.12.2012
15.03.2013
15.03.2013
15.03.2013
15.03.2013
15.03.2013
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

(51) H04L 29/06
H04N 21/238

H04N 21/2385
H04N 21/24
H04N 21/854
H04N 19/172
H04N 19/149
H04N 19/46
H04N 19/115
H04N 19/127
H04N 19/142
H04N 19/146
H04N 19/164
(11) EP1845690
(21) EP07106115.4
(47) 25.07.2018
(22) 13.04.2007
(54) Information-transmission apparatus and information-transmission method
(73) Canon Kabushiki Kaisha
(72) Hamanaka, Akiyoshi
(31) 2006111360
(32) 13.04.2006
(33) Japan

(51) H04L 29/06
H04Q 11/00
(11) EP2482515
(21) EP10788749.9
(47) 25.07.2018
(87) CN2010072634
23.12.2010
(22) 11.05.2010
(54) METHOD AND SYSTEM FOR DISPATCHING UPNLINK MESSAGES BASED ON GIGABIT PASSIVE OPTICAL NETWORK GPON
(73) ZTE Corporation
(72) YANG, Donghu
(31) 200910190223
(32) 23.09.2009
(33) China

(51) H04L 29/06
H04W 8/22
H04L 29/08
H04W 88/02
(11) EP2335392
(21) EP09820309.4
(47) 25.07.2018
(87) FI2009050767
22.04.2010
(22) 28.09.2009
(54) METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING COMPOSITE CAPABILITY INFORMATION FOR DEVICES IN DISTRIBUTED NETWORKS
(73) Nokia Technologies Oy
(72) SATHISH, Sailesh Kumar
(31) 196426 P
(32) 17.10.2008
(33) United States of America

(51) H04L 29/06
H04W 12/06
G06Q 10/10
G06F 21/00
H04W 8/24
H04L 12/58
G06F 21/60
H04L 9/00
H04W 4/12
(11) EP2649767
(21) EP11793340.8
(47) 25.07.2018
(87) EP2011006152
14.06.2012
(22) 07.12.2011
(54) METHOD FOR ENCRYPTING AN ELECTRONIC TEXT MESSAGE
(73) Giesecke+Devrient Mobile Security GmbH
(72) ANGERMEIER, Stefan
SCHUSTER, Helmut
(31) 102010054059
(32) 10.12.2010
(33) Germany

(51) H04L 29/06
H04W 12/06
H04W 92/18
(11) EP3119058
(21) EP16182646.6
(47) 25.07.2018
(22) 20.12.2010
(54) METHOD AND APPARATUS FOR AUTHENTICATION
(73) Motorola Solutions, Inc.
(72) BLANCO, Alejandro G.
HANNA, George S.
PRESTON, John B.
BOERGER, Mark
(31) 748982
(32) 29.03.2010
(33) United States of America

(51) H04L 29/06
H04W 88/08
(11) EP1701476
(21) EP06004631.5
(47) 25.07.2018
(22) 07.03.2006
(54) Adaptation gateway for transmission of audio/data stream in 2G and 3G communication networks
(73) Vodafone GmbH
(72) Hertle, Jochen, Dr.
Alger, Michael, Dr.
(31) 102005010653
(32) 08.03.2005
(33) Germany

(51) H04L 29/08
(11) EP2745495
(21) EP12773259.2
(47) 25.07.2018
(87) EP2012068798
28.03.2013
(22) 24.09.2012
(54) SYSTEM FOR LIVE -MIGRATION AND AUTOMATED RECOVERY OF APPLICATIONS IN A DISTRIBUTED SYSTEM
(73) Open Invention Network, LLC
(72) MARSDEN, Luke
(31) 201116408
(32) 23.09.2011
(33) United Kingdom

(51) H04L 29/08
(11) EP1964357
(21) EP06809713.8
(47) 25.07.2018
(87) IB2006053945
28.06.2007
(22) 26.10.2006
(54) CONTENT AGGREGATION SERVICE FOR MOBILE ENVIRONMENT
(73) Vringo Infrastructure Inc.
(72) GARCIA-MARTIN, Miguel An.
SUOTULA, Janne K.
LOUHISUO, Juha
(31) 05028048
389026
(32) 21.12.2005
27.03.2006
(33) European Patent Office (EPO)
United States of America

(51) H04L 29/08
G06F 9/445
H04W 4/00
(11) EP3032802
(21) EP14865382.7
(47) 25.07.2018
(87) CN2014092469
04.06.2015
(22) 28.11.2014
(54) METHOD FOR SHARING APPLICATION BETWEEN TERMINALS, AND TERMINALS
(73) Huawei Device (Dongguan) Co., Ltd.
(72) WANG, Chan
WU, Huangwei
HUANG, Jiejing
HUANG, Xi
(31) 201310632696
(32) 29.11.2013
(33) China

(51) H04L 29/08
H04L 12/24
(11) EP2351330
(21) EP09774993.1
(47) 25.07.2018
(87) US2009006168
17.06.2010
(22) 18.11.2009
(54) DETERMINISTIC SESSION LOAD-BALANCING AND REDUNDANCY OF ACCESS SERVERS IN A COMPUTER NETWORK
(73) Cisco Technology, Inc.
(72) DEC, Wojciech
TOWNSLEY, William
LE FAUCHEUR, Francois
(31) 323805
(32) 26.11.2008
(33) United States of America

(51) H04L 29/08
H04W 4/00
H04W 8/24
(11) EP3276916
(21) EP16181896.8
(47) 25.07.2018
(22) 29.07.2016
(54) METHOD AND COMMUNICATION NETWORK WITH A PLURALITY OF SUBNETWORKS FOR CARRYING OUT AN ELECTRONIC APPLICATION
(73) Deutsche Telekom AG
(72) EINSIEDLER, Hans Joachim
HÄNSGE, Kay
SZCZEPANSKI, Roman

(51) H04L 29/08

H04W 28/06
(11) EP2827676
(21) EP14168759.0
(47) 25.07.2018
(22) 19.05.2014
(54) Wireless device, radio network node, methods therein, computer program and computer readable storage medium
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) Pradas, Jose Luis
Wallerius, Roger
Jonsson, Anders
(31) 201361824401 P
(32) 17.05.2013
(33) United States of America

(51) H04L 29/08
H04W 84/18
(11) EP3146699
(21) EP15728695.6
(47) 25.07.2018
(87) US2015032237
26.11.2015
(22) 22.05.2015
(54) OPERATING A DEVICE OF A DATA PATH GROUP NETWORK
(73) Qualcomm Incorporated
(72) PATIL, Abhishek, Pramod
CHERIAN, George
ABRAHAM, Santosh, Paul
(31) 201462002093 P
201514718906
(32) 22.05.2014
21.05.2015
(33) United States of America
United States of America

(51) H04L 29/12
(11) EP2504981
(21) EP10790874.1
(47) 25.07.2018
(87) IB2010055224
03.06.2011
(22) 17.11.2010
(54) WIRELESS NETWORK SYSTEM WITH ENHANCED ADDRESS CONFLICT RESOLVING FUNCTIONALITY
(73) Philips Lighting Holding B.V.
(72) MCCORMACK, James Joseph Anthony
VAN LEEUWEN, Franciscus Wilhelmus Adrianus Alphonsus
(31) 09177330
(32) 27.11.2009
(33) European Patent Office (EPO)

(51) H04L 29/12
H04L 12/26
H04L 29/06
(11) EP2197179
(21) EP09161713.4
(47) 25.07.2018
(22) 02.06.2009
(54) Apparatus and method for fast detection of communication path failures
(73) Mitel Networks Corporation
(72) Sun, Jianli
(31) 316488
(32) 12.12.2008
(33) United States of America

(51) H04L 29/14
H04L 12/28
(11) EP3001648
(21) EP15182849.8
(47) 25.07.2018
(22) 28.08.2015
(54) CONTROL OF COMMUNICATION BETWEEN A COMMUNICATION SERVER OUTSIDE THE BUILDING AND A COMMUNICATION UNIT INSIDE THE BUILDING
(73) Deutsche Telekom AG
(72) HUND, Martin
UNTERSCHÜTZ, Thomas
SINNING, Thorsten
(31) 102014113884
(32) 25.09.2014
(33) Germany

(51) H04M 1/23
H04M 1/725
G08B 25/01
G08B 25/12
H04B 1/00
H04M 1/02
H04W 76/00
H04B 1/38
H04M 1/03
H04W 88/02
(11) EP2642732
(21) EP13160289.8
(47) 25.07.2018
(22) 21.03.2013
(54) Handheld monophone
(73) Schmittschneider, Karl
(72) Schmittschneider, Karl
(31) 102012102542
(32) 23.03.2012
(33) Germany

(51) H04M 1/725
H04W 12/04
H04W 88/04
(11) EP3160116
(21) EP16194594.4
(47) 25.07.2018
(22) 19.10.2016
(54) METHOD FOR AUTOMATICALLY PAIRING A PLURALITY OF WIRELESS TERMINALS TO A NETWORK ACCESS POINT
(73) Sagemcom Broadband SAS
(72) JAULIN, Jean-Philippe
GUILCHER, Hoel
(31) 1560118
(32) 23.10.2015
(33) France

(51) H04M 3/00
G06F 9/44
H04L 29/06
H04L 29/08
G06F 9/445
H04W 4/00
H04W 8/24
G06F 8/65
(11) EP1470697
(21) EP03715962.1
(47) 25.07.2018
(87) US2003002895
07.08.2003
(22) 31.01.2003
(54) SYSTEM AND METHOD FOR UPDATING DATASET VERSIONS RESIDENT ON A WIRELESS DEVICE
(73) QUALCOMM INCORPORATED
(72) MINEAR, Brian
LEKVEN, Eric, K.
OLIVER, Mitchell. B.
NGUYEN, Phil
GARDNER, Richard, Wayne, III
SPRIGG, Stephen, A.
(31) 61875
(32) 31.01.2002
(33) United States of America

(51) H04M 3/22
H04W 12/02
H04L 29/06
(11) EP2070354
(21) EP06830375.9
(47) 25.07.2018
(87) EP2006069326
12.06.2008
(22) 05.12.2006
(54) SYSTEM, APPARATUS AND METHOD FOR LOCATION RELATED DATA INTERCEPTION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) DE LUCA, Enrico
IMBIMBO, Amedeo
SESNIC, Tom

(51) H04M 3/42
H04M 3/51
(11) EP2916530
(21) EP14157749.4
(47) 25.07.2018
(22) 05.03.2014
(54) Method for controlling the recording of communication data
(73) ASC telecom AG
(72) Schmitt, Peter
Rösel, Ralf

(51) H04M 3/487
H04M 3/533
H04M 3/42
(11) EP1672896
(21) EP05027289.7
(47) 25.07.2018
(22) 14.12.2005
(54) Providing customized messages to callers of unavailable called subscribers
(73) Provenance Asset Group LLC
(72) Qian, Jing
Aziz, Mohammed
Fuming, Wu
(31) 16254
(32) 17.12.2004
(33) United States of America

(51) H04M 3/533
H04L 29/06
(11) EP2335390
(21) EP09787219.6
(47) 25.07.2018
(87) IB2009054061
11.03.2010
(22) 27.08.2009
(54) VERIFYING AUTHENTICITY OF VOICE MAIL PARTICIPANTS IN TELEPHONY NETWORKS
(73) Alcatel Lucent

(72) GUSTAVE, Christophe
CHOW, Stanley
CHEN, Shu-Lin
(31) 231430
(32) 03.09.2008
(33) United States of America

(51) H04M 3/56
H04M 7/00
H04L 29/06
(11) EP3068121
(21) EP16159662.2
(47) 25.07.2018
(22) 10.03.2016
(54) TRANSMISSION SYSTEM, INFORMATION PROCESSING APPARATUS, COMPUTER PROGRAM PRODUCT, AND METHOD OF INFORMATION PROCESSING
(73) Ricoh Company, Ltd.
(72) GYOBU, Yoshikazu
(31) 2015049761
(32) 12.03.2015
(33) Japan

(51) H04M 11/00
G06F 12/00
G06F 13/00
H04W 8/20
H04L 29/08
H04W 12/04
H04L 29/06
G01S 19/14
H04L 9/08
H04W 4/02
H04W 4/00
G01S 5/02
(11) EP2478691
(21) EP10815133.3
(47) 25.07.2018
(87) JP2010005467
17.03.2011
(22) 06.09.2010
(54) SERVER AND METHOD, NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM, AND MOBILE CLIENT TERMINAL AND METHOD
(73) Sony Corporation
(72) ABE, Shinichiro
ARISAWA, Shigeru
USUI, Takashi
ESAKA, Seiji
SONODA, Shuhei
TAKADA, Masayuki
YAMASUGE, Hiroyuki
(31) 2009212083
(32) 14.09.2009
(33) Japan

(51) H04M 11/02
H04N 7/18
(11) EP3148169
(21) EP16188907.6
(47) 25.07.2018
(22) 15.09.2016
(54) INTERCOM SYSTEM, INTERCOM MASTER DEVICE, AND COMMUNICATION METHOD
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) HAMASAKI, Toshiyuki
KOYAMA, Kazuhiro
UE, Chikashi
MATSUO, Kotaro
(31) 2015190059
(32) 28.09.2015
(33) Japan

(51) H04M 15/00
H04W 4/24
(11) EP2041952
(21) EP06826443.1
(47) 25.07.2018
(87) US2006041225
02.05.2008
(22) 20.10.2006
(54) SYSTEM AND METHOD FOR RATING AN IP-BASED WIRELESS TELECOMMUNICATION BASED ON ACCESS POINT
(73) T-Mobile USA, Inc.
(72) CALDWELL, Christopher E.
LINKOLA, Janne P.
(31) PCT/US2006/003968
(32) 11.10.2006
(33) World Intellectual Property Office (WIPO)

(51) H04M 15/00
H04W 4/24
H04L 12/14
(11) EP2979500
(21) EP14773816.5
(47) 25.07.2018
(87) US2014031912
02.10.2014
(22) 26.03.2014
(54) APPARATUS, COMPUTER PROGRAM AND METHOD FOR ESTABLISHING WIRELESS CONNECTIONS BASED ON ACCESS CONDITIONS
(73) Bandwidthx Inc.
(72) VISURI, Pertti Juhani
SALO, Randy
VAN HAMERSVELD, Christian
ZAGURSKY, Dan
MOSES, Brian
VISURI, Johanna Katariina
(31) 201361805473 P
201414225310
(32) 26.03.2013
25.03.2014
(33) United States of America
United States of America

(51) H04M 15/00
H04W 4/24
H04L 12/14
(11) EP1949572
(21) EP06825742.7
(47) 25.07.2018
(87) US2006039688
26.04.2007
(22) 11.10.2006
(54) SYSTEM AND METHOD FOR BILLING IP-BASED WIRELESS TELECOMMUNICATIONS IN A CONVERGED NETWORK
(73) T-Mobile, USA, Inc
(72) CALDWELL, Christopher
LINKOLA, Janne
(31) 726105 P
(32) 12.10.2005
(33) United States of America

(51) H04M 15/00
H04W 72/04
H04W 72/12
G06F 9/50
(11) EP3015981
(21) EP14275225.2
(47) 25.07.2018
(22) 31.10.2014
(54) Networked resource provisioning system
(73) Khalifa University of Science, Technology and Research
Emirates Telecommunications Corporation
British Telecommunications public limited company
(72) SHAKYA, Sid
OWUSU, Gilbert
LEE, Seuk Beum
RUTA, Dymitr
POON, Kin
NTOFON, Okung

(51) H04N 1/00
(11) EP2725777
(21) EP13189948.6
(47) 25.07.2018
(22) 23.10.2013
(54) User terminal apparatus and method of control thereof
(73) HP Printing Korea Co., Ltd.
(72) Kim, Jeong-hun
Park, In-chang
Kan, Hyung-jong
Song, Mi-sook
(31) 201261717181 P
20120134849
20120134847
(32) 23.10.2012
26.11.2012
26.11.2012
(33) United States of America
Korea (Republic)
Korea (Republic)

(51) H04N 1/00
(11) EP2466867
(21) EP11192928.7
(47) 25.07.2018
(22) 12.12.2011
(54) Image forming apparatus
(73) Brother Kogyo Kabushiki Kaisha
(72) Kozaki, Daisuke
Morinaga, Takeru
(31) 2010280384
(32) 16.12.2010
(33) Japan

(51) H04N 1/19
G06T 1/00
H04N 1/04
H04N 1/401
H04N 1/12
H04N 1/00
H04N 1/10
H04N 1/193
(11) EP3007422
(21) EP14807933.8
(47) 25.07.2018
(87) JP2014064848
11.12.2014
(22) 04.06.2014

(54) DOCUMENT READING DEVICE AND IMAGE FORMING DEVICE PROVIDED WITH SAME
(73) Kyocera Document Solutions Inc.
(72) HORIGUCHI Yasuyuki
(31) 2013119335
(32) 05.06.2013
(33) Japan

(51) H04N 1/401
G06T 1/00
(11) EP2429170
(21) EP11179752.8
(47) 25.07.2018
(22) 01.09.2011
(54) Image forming apparatus and image forming method
(73) Ricoh Company, Ltd.
(72) Nakamura, Satoshi
(31) 2010200697
(32) 08.09.2010
(33) Japan

(51) H04N 1/405
H04N 1/52
(11) EP2645696
(21) EP13153071.9
(47) 25.07.2018
(22) 29.01.2013
(54) Threshold matrix generation method, image data generation method, image data generation apparatus, image recording apparatus, and threshold matrix
(73) SCREEN Holdings Co., Ltd.
(72) Takahama, Ikuhiko
Asai, Hiroshi
(31) 2012074257
(32) 28.03.2012
(33) Japan

(51) H04N 1/54
H04N 1/60
(11) EP2642745
(21) EP13160070.2
(47) 25.07.2018
(22) 20.03.2013
(54) Print control device, image forming system, and computer-readable storage medium
(73) Ricoh Company, Ltd.
(72) Yoshida, Makoto
Suzuki, Hiroaki
Kitagawa, Hiroo
(31) 2012065471
(32) 22.03.2012
(33) Japan

(51) H04N 1/62
H04N 1/60
(11) EP2587787
(21) EP12189472.9
(47) 25.07.2018
(22) 22.10.2012
(54) Image processing apparatus
(73) Kyocera Document Solutions Inc.
(72) Nishiura, Mitsuko
(31) 2011237078
2011237079
(32) 28.10.2011
28.10.2011
(33) Japan
Japan

(51) H04N 5/217
(11) EP2154880
(21) EP09167729.4
(47) 25.07.2018
(22) 12.08.2009
(54) Image sensing apparatus, image processing method and image processing program
(73) CANON KABUSHIKI KAISHA
(72) Ikedo, Hideki
(31) 2008207787
2009092987
(32) 12.08.2008
07.04.2009
(33) Japan
Japan

(51) H04N 5/225
G03B 17/02
H05K 5/04
(11) EP3123707
(21) EP14841360.2
(47) 25.07.2018
(87) DE2014200694
01.10.2015
(22) 10.12.2014
(54) CAMERA SYSTEM OF A DRIVER-ASSISTANCE SYSTEM, AND A METHOD FOR PRODUCING SAME
(73) Conti Temic Microelectronic GmbH
(72) GRUBER, Andreas
IGEL, Christoph
MÜLLER, Gerhard
PFEIFFER, Franz
POWILEIT, Hendrik
STEIDLE, Wolfgang
(31) 102014205708
(32) 27.03.2014
(33) Germany

(51) H04N 5/225
H04M 1/02
G03B 17/04
G03B 17/12
G03B 17/17
H04N 7/14
G03B 11/04
(11) EP3139584
(21) EP16161640.4
(47) 25.07.2018
(22) 22.03.2016
(54) CAMERA-LENS AUTOMATIC POP-UP DEVICE AND TERMINAL
(73) Xiaomi Inc.
(72) Xiong, Ying
Wu, Fenghui
(31) 201510557208
(32) 02.09.2015
(33) China

(51) H04N 5/232
B66F 11/04
F16M 11/18
(11) EP2974269
(21) EP14714953.8
(47) 25.07.2018
(87) EP2014055221
18.09.2014
(22) 14.03.2014
(54) METHOD AND SYSTEM FOR ENABLING POINTING CONTROL OF AN ACTIVELY STABILIZED CAMERA
(73) Freefly Systems Inc.
(72) WEBB, Steve
ELLISON, John
FIRCHAU, Tabb
BLOOMFIELD, David
(31) 201361792878 P
(32) 15.03.2013
(33) United States of America

(51) H04N 5/253
H04N 1/195
H04N 3/38
H04N 1/387
H04N 1/00
H04N 5/235
H04N 1/409
(11) EP2769538
(21) EP12795584.7
(47) 25.07.2018
(87) GB2012052564
25.04.2013
(22) 17.10.2012
(54) MOTION PICTURE SCANNING SYSTEM
(73) iMetafilm Ltd
(72) HOWELL, Michael
(31) 201118012
(32) 19.10.2011
(33) United Kingdom

(51) H04N 5/262
(11) EP2506562
(21) EP10831797.5
(47) 25.07.2018
(87) KR2010008163
26.05.2011
(22) 18.11.2010
(54) ADAPTIVE OBJECT TRACKING METHOD, SYSTEM, AND COMPUTER READABLE RECORDING MEDIUM
(73) Intel Corporation
(72) CHOI, Song Ki
HEO, Chung Bin
(31) 20090113560
(32) 23.11.2009
(33) Korea (Republic)

(51) H04N 5/347
H01L 27/146
H04N 5/3745
(11) EP2512126
(21) EP10852353.1
(47) 25.07.2018
(87) CN2010073443
08.12.2011
(22) 01.06.2010
(54) MULTISPECTRAL PHOTORECEPTIVE DEVICE AND SAMPLING METHOD THEREOF
(73) Boly Media Communications (Shenzhen) Co., Ltd
(72) HU, Xiaoping

(51) H04N 5/374
(11) EP2879376
(21) EP14195232.5
(47) 25.07.2018
(22) 27.11.2014
(54) Image sensor and method of driving image sensor
(73) Samsung Electronics Co., Ltd
(72) Choi, Jaehyuk
Shin, Jungsoon

(31) 20130146665
(32) 28.11.2013
(33) Korea (Republic)

(51) H04N 5/44
G08C 17/02
G08C 19/28
(11) EP3261337
(21) EP17186329.3
(47) 25.07.2018
(22) 02.11.2011
(54) SYSTEM AND METHOD FOR CONFIGURING THE REMOTE CONTROL FUNCTIONALITY OF A PORTABLE DEVICE
(73) Universal Electronics, Inc.
(72) ARLING, Paul D.
HAYES, Patrick H.
(31) 201113026768
201113198072
(32) 14.02.2011
04.08.2011
(33) United States of America
United States of America

(51) H04N 5/44
H04N 5/50
H04N 7/16
H04N 7/24
H04N 7/52
(11) EP2327205
(21) EP09786955.6
(47) 25.07.2018
(87) IB2009053618
25.02.2010
(22) 17.08.2009
(54) DYNAMIC SWITCHING BETWEEN DIGITAL TV SERVICES
(73) TP Vision Holding B.V.
(72) VLOT, Marnix, C.
(31) 08162860
(32) 22.08.2008
(33) European Patent Office (EPO)

(51) H04N 5/74
G01B 11/25
G06T 3/00
H04N 5/225
H04N 5/232
G06T 15/08
G06T 15/20
H04N 5/262
H04N 9/31
G06T 17/00
G06T 5/00
(11) EP3110138
(21) EP15745354.9
(47) 25.07.2018
(87) JP2015000020
27.08.2015
(22) 07.01.2015
(54) PROJECTION SYSTEM, SEMICONDUCTOR INTEGRATED CIRCUIT, AND IMAGE CORRECTION METHOD
(73) Panasonic Intellectual Property Corporation of America
(72) FUCHIKAMI, Ryuji
OHASHI, Masahiro
(31) 2014028441
2014222824
(32) 18.02.2014
31.10.2014
(33) Japan
Japan

(51) H04N 7/14
G09B 5/06
H04N 7/18
G09B 5/00
G06F 3/01
E04H 3/00
(11) EP3128106
(21) EP15179997.0
(47) 25.07.2018
(22) 06.08.2015
(54) LECTURE SYSTEM, INFORMATION PROCESSING APPARATUS, AND STORAGE MEDIUM
(73) Toshiba TEC Kabushiki Kaisha
(72) SERIZAWA, Yasutoshi

(51) H04N 13/00
G09G 3/34
(11) EP2494786
(21) EP10779868.8
(47) 25.07.2018
(87) US2010053373
12.05.2011
(22) 20.10.2010
(54) STEREOSCOPIC DUAL MODULATOR DISPLAY DEVICE USING FULL COLOR ANAGLYPH
(73) Dolby Laboratories Licensing Corporation
(72) BASLER, Brad
GIARETTA, Giorgio
(31) 255596 P
(32) 28.10.2009
(33) United States of America

(51) H04N 19/119
H04N 19/176
H04N 19/46
(11) EP2955918
(21) EP15173416.7
(47) 25.07.2018
(22) 17.08.2011
(54) VIDEO DECODING USING TRANSFORMATION UNIT OF VARIABLE TREE STRUCTURE
(73) Samsung Electronics Co., Ltd
(72) LEE, Tammy
HAN, Woo-Jin
(31) 374348 P
(32) 17.08.2010
(33) United States of America

(51) H04N 19/119
H04N 19/176
H04N 19/46
(11) EP2955917
(21) EP15173411.8
(47) 25.07.2018
(22) 17.08.2011
(54) VIDEO DECODING METHOD USING TRANSFORMATION UNIT OF VARIABLE TREE STRUCTURE
(73) Samsung Electronics Co., Ltd
(72) LEE, Tammy
HAN, Woo-Jin
(31) 374348 P
(32) 17.08.2010
(33) United States of America

(51) H04N 19/176
H04N 19/124
(11) EP2681914
(21) EP12702743.1
(47) 25.07.2018
(87) US2012023497
13.09.2012
(22) 01.02.2012
(54) QUANTIZED PULSE CODE MODULATION IN VIDEO CODING
(73) Qualcomm Incorporated
(72) SOLE ROJALS, Joel
KARCZEWICZ, Marta
(31) 201161449413 P
201213362928
(32) 04.03.2011
31.01.2012
(33) United States of America
United States of America

(51) H04N 19/186
H04N 19/30
H04N 19/46
H04N 19/96
H04N 19/80
(11) EP3011742
(21) EP14737433.4
(47) 25.07.2018
(87) US2014042352
24.12.2014
(22) 13.06.2014
(54) INTER-COMPONENT FILTERING
(73) Qualcomm Incorporated
(72) LI, Xiang
PU, Wei
CHEN, Jianle
KARCZEWICZ, Marta
(31) 201361836064 P
201414301205
(32) 17.06.2013
10.06.2014
(33) United States of America
United States of America

(51) H04N 19/196
H04N 19/13
H04N 19/11
H04N 19/463
(11) EP2661890
(21) EP12701199.7
(47) 25.07.2018
(87) US2012020346
12.07.2012
(22) 05.01.2012
(54) INDICATING INTRA-PREDICTION MODE SELECTION FOR VIDEO CODING USING CABAC
(73) Qualcomm Incorporated
(72) KARCZEWICZ, Marta
WANG, Xianglin
CHIEN, Wei-Jung
(31) 201161430520 P
201161446402 P
201161448623 P
201213343573
(32) 06.01.2011
24.02.2011
02.03.2011
04.01.2012

(33) United States of America
United States of America
United States of America
United States of America

(51) H04N 19/196
H04N 19/61
H04N 19/40
H04N 19/59
(11) EP1805995
(21) EP05819521.5
(47) 25.07.2018
(87) US2005039679
04.05.2006
(22) 27.10.2005
(54) METHOD FOR GENERATING MULTIPLE TRANSCODED OUTPUTS BASED ON A SINGLE VIDEO INPUT
(73) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(72) SHEN, Bo
TROTT, Mitchell
(31) 975244
(32) 27.10.2004
(33) United States of America

(51) H04N 19/30
(11) EP2875641
(21) EP12879814.7
(47) 25.07.2018
(87) CN2012000890
03.01.2014
(22) 29.06.2012
(54) SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR SCALABLE VIDEO CODING BASED ON COEFFICIENT SAMPLING
(73) Intel Corporation
(72) ZHANG, Wenhao
CHIU, Yi-Jen
XU, Lidong
HAN, Yu
JIANG, Hong

(51) H04N 19/33
H04N 19/59
(11) EP2982117
(21) EP14724905.6
(47) 25.07.2018
(87) US2014032904
09.10.2014
(22) 04.04.2014
(54) INTER-LAYER REFERENCE PICTURE ENHANCEMENT FOR MULTIPLE LAYER VIDEO CODING
(73) VID SCALE, Inc.
(72) HE, Yuwen
YE, Yan
(31) 201361809115 P
201361812687 P
201361845318 P
(32) 05.04.2013
16.04.2013
11.07.2013
(33) United States of America
United States of America
United States of America

(51) H04N 19/463
H04N 19/467
H04N 19/48
H04N 19/91
H04N 19/13
H04N 19/18
H04N 19/117
H04N 19/176
(11) EP3182707
(21) EP17154805.0
(47) 25.07.2018
(22) 06.11.2012
(54) METHOD AND RECORDING MEDIUM STORING CODED IMAGE DATA
(73) Dolby International AB
(72) Henry, Felix
Clare, Gordon
(31) 1160109
(32) 07.11.2011
(33) France

(51) H04N 19/50
H04N 19/70
H04N 19/46
H04N 19/51
H04N 19/91
H04N 19/18
H04N 19/59
H04N 19/139
H04N 19/176
H04N 19/129
H04N 19/124
H04N 19/136
H04N 19/13
H04N 19/61
(11) EP3244612
(21) EP17177435.9
(47) 25.07.2018
(22) 11.04.2011
(54) CODING OF SIGNIFICANCE MAPS AND TRANSFORM COEFFICIENT BLOCKS
(73) GE Video Compression, LLC
(72) KIRCHHOFFER, Heiner
SCHWARZ, Heiko
NGUYEN, Tung
MARPE, Detlev
WIEGAND, Thomas
(31) PCT/EP2010/054822
10159766
(32) 13.04.2010
13.04.2010
(33) World Intellectual Property Office (WIPO)
European Patent Office (EPO)

(51) H04N 19/597
H04N 19/52
(11) EP2777266
(21) EP12791713.6
(47) 25.07.2018
(87) EP2012072180
16.05.2013
(22) 08.11.2012
(54) MULTI-VIEW CODING WITH EXPLOITATION OF RENDERABLE PORTIONS
(73) GE Video Compression, LLC
(72) BOSSE, Sebastian
SCHWARZ, Heiko
WIEGAND, Thomas
BRUST, Heribert
(31) 201161558643 P
(32) 11.11.2011
(33) United States of America

(51) H04N 19/70
H04N 19/174
H04N 19/46
(11) EP2810441
(21) EP13705054.8
(47) 25.07.2018
(87) US2013023867
08.08.2013
(22) 30.01.2013
(54) METHOD OF CODING VIDEO AND STORING VIDEO CONTENT
(73) QUALCOMM Incorporated
(72) WANG, Ye-Kui
CHEN, Ying
(31) 201261592462 P
201313753278
(32) 30.01.2012
29.01.2013
(33) United States of America
United States of America

(51) H04N 19/70
H04N 19/61
H04N 19/50
H04N 19/463
H04N 19/19
H04N 19/147
H04N 19/119
(11) EP2651128
(21) EP11846191.2
(47) 25.07.2018
(87) JP2011006807
14.06.2012
(22) 05.12.2011
(54) IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODING DEVICE, AND IMAGE DECODING DEVICE
(73) Sun Patent Trust
(72) SASAI, Hisao c/o Panasonic Corporation
NISHI, Takahiro c/o Panasonic Corporation
SHIBAHARA, Youji c/o Panasonic Corporation
SUGIO, Toshiyasu, c/o Panasonic Corporation
(31) 419965 P
(32) 06.12.2010
(33) United States of America

(51) H04N 21/234
H04N 21/2343
H04N 19/172
H04N 19/107
H04N 19/114
H04N 19/142
H04N 21/845
(11) EP3095249
(21) EP14702465.7
(47) 25.07.2018
(87) EP2014050960
23.07.2015
(22) 17.01.2014
(54) PROCESSING SEGMENTED MEDIA CONTENT WITH SCENE CHANGES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) JONES, Anthony

(51) H04N 21/2365
H04N 21/234
H04N 21/2343
(11) EP2947889
(21) EP15168886.8

(47) 25.07.2018
(22) 22.05.2015
(54) SELECTING CONTENT TRANSMISSIONS BASED ON ENCODING PARAMETERS
(73) Comcast Cable Communications, LLC
(72) Syed, Yasser F.
Wester, Donald J.
(31) 201414285131
(32) 22.05.2014
(33) United States of America

(51) H04N 21/41
H04N 21/436
H04N 21/4363
H04N 21/442
H04N 21/84
(11) EP3148203
(21) EP16001916.2
(47) 25.07.2018
(22) 01.09.2016
(54) DISPLAY DEVICE AND OPERATING METHOD OF A DISPLAY DEVICE
(73) LG ELECTRONICS INC.
(72) YEOM, Jungho
KIM, Youngwoo
LEE, Eunju
KIM, Kihyung
KIM, Myongsun
LEE, Doyoung
(31) 20150133921
(32) 22.09.2015
(33) Korea (Republic)

(51) H04N 21/43
H04N 21/44
H04N 21/81
H04N 21/439
H04N 21/2668
(11) EP2876891
(21) EP14193072.7
(47) 25.07.2018
(22) 13.11.2014
(54) METHOD AND APPARATUS FOR MATCHING OF CORRESPONDING FRAMES IN MULTIMEDIA STREAMS
(73) Thomson Licensing
(72) ONNO, Stéphane
NEUMANN, Christoph
DEFRANCE, Serge
(31) 13306595
(32) 21.11.2013
(33) European Patent Office (EPO)

(51) H04N 21/436
H04N 21/4363
H04N 21/443
H04L 12/28
H04L 29/06
H04N 5/445
H04N 21/418
H04N 21/41
H04N 21/422
H04N 21/462
H04N 7/10
(11) EP2961175
(21) EP15172740.1
(47) 25.07.2018
(22) 18.06.2015
(54) VIDEO STREAMING SERVICE SYSTEM AND METHOD FOR AUTOMATIC HOME NETWORK CONNECTION
(73) Humax Co., Ltd.
(72) PARK, Sung Heum
(31) 20140077344
(32) 24.06.2014
(33) Korea (Republic)

(51) H04N 21/4788
H04N 21/442
(11) EP2727374
(21) EP12727569.1
(47) 25.07.2018
(87) US2012041490
03.01.2013
(22) 08.06.2012
(54) SYSTEMS AND METHODS FOR RECOMMENDING MATCHING PROFILES IN AN INTERACTIVE MEDIA GUIDANCE APPLICATION
(73) Rovi Guides, Inc.
(72) LEE, Bo, Hye
(31) 201113170641
(32) 28.06.2011
(33) United States of America

(51) H04Q 1/08
G02B 6/44
(11) EP2534846
(21) EP11705379.3
(47) 25.07.2018
(87) US2011024623
18.08.2011
(22) 11.02.2011
(54) COMMUNICATIONS BLADED PANEL SYSTEM
(73) ADC Telecommunications, Inc.
(72) ANDERSON, Chad
KOSTECKA, Ryan
STONE, David, George
WENTWORTH, Michael, J.
COFFEY, Joseph, C.
(31) 439693 P
413844 P
303948 P
(32) 04.02.2011
15.11.2010
12.02.2010
(33) United States of America
United States of America
United States of America

(51) H04Q 3/52
H04Q 11/00
H04J 14/02
(11) EP3021595
(21) EP14823275.4
(47) 25.07.2018
(87) JP2014067452
15.01.2015
(22) 30.06.2014
(54) OPTICAL CROSS-CONNECT DEVICE
(73) Japan Science and Technology Agency
(72) SATO Ken-ichi
HASEGAWA Hiroshi
(31) 2013144936
(32) 10.07.2013
(33) Japan

(51) H04Q 9/00
(11) EP2396971
(21) EP10704138.6
(47) 25.07.2018
(87) EP2010051793
19.08.2010
(22) 12.02.2010
(54) SENSOR AND SENSOR NETWORK FOR AN AIRCRAFT
(73) Airbus Operations GmbH
(72) MÜLLER, Jan
GLASER, Daniel
SCHWARK, Uwe
(31) 102009009189
153047 P
(32) 16.02.2009
17.02.2009
(33) Germany
United States of America

(51) H04Q 9/00
G08C 17/02
(11) EP2433440
(21) EP10778423.3
(47) 25.07.2018
(87) US2010035666
25.11.2010
(22) 20.05.2010
(54) INFRASTRUCTURE MONITORING DEVICES, SYSTEMS, AND METHODS
(73) Mueller International, LLC
(72) HYLAND, Gregory, E.
KEEFE, Robert, Paul
ZAKAS, Manetta, Edmunds
BARKER, C., Robert
(31) 180600 P
(32) 22.05.2009
(33) United States of America

(51) H04Q 9/04
(11) EP2401871
(21) EP10746430.7
(47) 25.07.2018
(87) KR2010001174
02.09.2010
(22) 25.02.2010
(54) REMOTE USER INTERFACE SYSTEM AND METHOD
(73) Samsung Electronics Co., Ltd.
(72) PARK, Ho Yeon
RYU, Young Sun
SONG, Jae Yeon
JUNG, Bo Sun
(31) 20090016935
20090035776
(32) 27.02.2009
24.04.2009
(33) Korea (Republic)
Korea (Republic)

(51) H04R 1/10
(11) EP1843627
(21) EP06126546.8
(47) 25.07.2018
(22) 19.12.2006
(54) A personal voice-transmitted device
(73) Peng, Yan-Ru
(72) Peng, Yan-Ru
(31) 200610066726
(32) 05.04.2006
(33) China

(51) H04R 1/10
H04M 1/05

(11) EP2011364
(21) EP07734361.4
(47) 25.07.2018
(87) IB2007001042
01.11.2007
(22) 20.04.2007
(54) HEADSET WITH INTEGRAL HOOK
(73) Provenance Asset Group LLC
(72) JAAKKOLA, Mikael
(31) 411238
(32) 24.04.2006
(33) United States of America

(51) H04R 1/10
H04R 5/033
(11) EP3213527
(21) EP15790780.9
(47) 25.07.2018
(87) US2015057603
06.05.2016
(22) 27.10.2015
(54) SELF-VOICE OCCLUSION MITIGATION IN HEADSETS
(73) Bose Corporation
(72) RING, Martin David
ISABELLE, Steven H.
(31) 201414527967
(32) 30.10.2014
(33) United States of America

(51) H04R 1/28
H04R 1/02
(11) EP2962475
(21) EP13876115.0
(47) 25.07.2018
(87) CN2013072050
04.09.2014
(22) 01.03.2013
(54) SPEAKER
(73) Harman International Industries, Incorporated
(72) LI, Steve

(51) H04R 1/40
H04R 1/10
H04R 25/00
G01C 9/00
(11) EP2908550
(21) EP15154417.8
(47) 25.07.2018
(22) 10.02.2015
(54) A hearing aid device comprising a sensor member
(73) Oticon A/S
(72) Pedersen, Michael Syskind
Møller, Kenneth Rueskov
Petersen, Svend Oscar
Kiemer, Niels Stubager
Nielsen, Jesper Kofoed
Ohl, Björn
Elmlund, Marianne Kleist
Carvalho, Karin
Bendsen, Henrik
Pedersen, Regin Kopp
Bürger, Christian C.
Munk, Steen Michael
Christophersen, Morten
Pedersen, Julie Hefting
Westergård, Bo
Oxenbøll, Maria
(31) 14155022
(32) 13.02.2014
(33) European Patent Office (EPO)

(51) H04R 1/40
H04S 7/00
H04R 29/00
(11) EP3136746
(21) EP16186466.5
(47) 25.07.2018
(22) 31.08.2016
(54) AREA-SOUND REPRODUCTION SYSTEM AND AREA-SOUND REPRODUCTION METHOD
(73) Panasonic Intellectual Property Corporation of America
(72) SAKAGUCHI, Atsushi
(31) 2015170332
2016110608
(32) 31.08.2015
02.06.2016
(33) Japan
Japan

(51) H04R 3/00
(11) EP3136748
(21) EP16185093.8
(47) 25.07.2018
(22) 22.08.2016
(54) TECHNIQUES FOR OPTIMIZING THE POLARITIES OF AUDIO INPUT CHANNELS
(73) Harman International Industries, Inc.
(72) KIRSCH, James M.
(31) 201514834427
(32) 24.08.2015
(33) United States of America

(51) H04R 3/00
H04R 1/08
H04R 1/38
(11) EP2695399
(21) EP12715487.0
(47) 25.07.2018
(87) US2012030686
04.10.2012
(22) 27.03.2012
(54) PAIRED MICROPHONES FOR REJECTING NOISE
(73) Bose Corporation
(72) RING, Martin David
(31) 201113078629
(32) 01.04.2011
(33) United States of America

(51) H04R 3/00
H04W 4/00
H04W 8/00
H04W 12/04
H04L 29/06
H04W 12/06
H04W 84/12
H04W 88/06
(11) EP2996353
(21) EP15182817.5
(47) 25.07.2018
(22) 27.08.2015
(54) COMMUNICATION APPARATUS AND CONTROL METHOD OF THE SAME
(73) Samsung Electronics Co., Ltd.
(72) KANG, Yong-jin
KIM, Ki-hun
(31) 20140121337
(32) 12.09.2014
(33) Korea (Republic)

(51) H04R 7/04
H01L 41/083
H01L 41/09
H04R 1/28
H04R 17/00
B06B 1/06
G10K 11/00
(11) EP2884765
(21) EP13827226.5
(47) 25.07.2018
(87) JP2013065293
13.02.2014
(22) 31.05.2013
(54) ACOUSTIC GENERATOR, ACOUSTIC GENERATION DEVICE, AND ELECTRONIC APPARATUS
(73) Kyocera Corporation
(72) FUKUOKA, Shuichi
KUSHIMA, Noriyuki
HIRAYAMA, Takeshi
TAKAHASHI, Tooru
MAKINO, Yutaka
ISHIHARA, Atsushi
NINOMIYA, Hiroshi
YAMAKAWA, Kenji
MIYAZATO, Kentarou
(31) 2012179065
2012218931
2012286794
(32) 10.08.2012
29.09.2012
28.12.2012
(33) Japan
Japan
Japan

(51) H04R 25/00
(11) EP3105942
(21) EP15706338.9
(47) 25.07.2018
(87) US2015015271
13.08.2015
(22) 10.02.2015
(54) CONVERSATION ASSISTANCE SYSTEM
(73) Bose Corporation
(72) EICHFELD, Jahn Dmitri
RABINOWITZ, William M.
BERARDI, William
TROTTER, John
SHAY, Michael
(31) 201461937873 P
(32) 10.02.2014
(33) United States of America

(51) H04R 25/00
H04L 29/06
H04L 9/00
G06Q 10/02
(11) EP2866470
(21) EP13189628.4
(47) 25.07.2018
(22) 22.10.2013
(54) Private audio streaming at point of sale
(73) GN Hearing A/S
(72) Pedersen, Brian Dam

(51) H04R 25/00
H04R 1/10
(11) EP3207721
(21) EP14784238.9

(47) 25.07.2018
(87) EP2014072112
21.04.2016
(22) 15.10.2014
(54) TRANSDUCER PROTECTION SYSTEM, HEARING DEVICE AND USAGE OF A TRANSDUCER PROTECTION SYSTEM
(73) Sonova AG
(72) KARAMUK, Erdal
MUELLER, Josef
VONLANTHEN, Andi
JENNI, Thomas

(51) H04S 7/00
(11) EP2003933
(21) EP08009673.8
(47) 25.07.2018
(22) 28.05.2008
(54) Device and method for adjusting a sound position of an audio system in the interior of a motor vehicle
(73) Volkswagen Aktiengesellschaft
(72) Kuhn, Mathias
Dehmann, Rainer
(31) 102007026542
(32) 08.06.2007
(33) Germany

(51) H04W 4/00
H04L 12/24
H04W 84/22
H04L 29/08
G06F 11/20
(11) EP2775740
(21) EP11875068.6
(47) 25.07.2018
(87) JP2011078516
10.05.2013
(22) 09.12.2011
(54) NETWORK SYSTEM, NODE DEVICE GROUP, SENSOR DEVICE GROUP, AND METHOD FOR TRANSMITTING AND RECEIVING SENSOR DATA
(73) Omron Corporation
(72) TAKENAKA, Hideki
(31) 2011242574
(32) 04.11.2011
(33) Japan

(51) H04W 4/00
H04L 29/08
G06F 17/30
(11) EP3019970
(21) EP14823306.7
(47) 25.07.2018
(87) US2014043923
15.01.2015
(22) 24.06.2014
(54) INTEROPERABILITY MECHANISMS FOR INTERNET OF THINGS INTEGRATION PLATFORM
(73) Neura, Inc.
(72) SHAASHUA, Triinu Magi
SHAASHUA, Ori
(31) 201361845369 P
201313957255
(32) 11.07.2013
01.08.2013
(33) United States of America
United States of America

(51) H04W 4/00
H04W 56/00
H04W 72/04
H04W 74/08
H04W 72/00
H04W 36/00
(11) EP3205144
(21) EP15775318.7
(47) 25.07.2018
(87) US2015051158
14.04.2016
(22) 21.09.2015
(54) CHANNEL STRUCTURE FOR A CELLULAR INTERNET OF THINGS SYSTEM
(73) Qualcomm Incorporated
(72) LI, Junyi
LANE, Frank, Anton
(31) 201414511173
(32) 10.10.2014
(33) United States of America

(51) H04W 4/02
(11) EP3130160
(21) EP15716662.0
(47) 25.07.2018
(87) US2015023530
15.10.2015
(22) 31.03.2015
(54) WIRELESS DOCKING/UNDOCKING USING FINE TIME MEASUREMENT
(73) Qualcomm Incorporated
(72) HUANG, Xiaolong
DE VEGT, Rolf
ALDANA, Carlos, Horacio
(31) 201461977374 P
201514673399
(32) 09.04.2014
30.03.2015
(33) United States of America
United States of America

(51) H04W 4/02
(11) EP2360602
(21) EP11153638.9
(47) 25.07.2018
(22) 08.02.2011
(54) AUTOMATIC EMERGENCY CALL LANGUAGE PROVISIONING
(73) Ford Global Technologies, LLC
(72) Hatton, David Anthony
(31) 705762
(32) 15.02.2010
(33) United States of America

(51) H04W 4/02
H04L 29/08
(11) EP1937014
(21) EP06026471.0
(47) 25.07.2018
(22) 20.12.2006
(54) Method for determining the applicability of location dependent features to a communication connection within a mobile communication network, sensing device and network unit
(73) Vodafone GmbH
(72) Moutarazak, Said

(51) H04W 4/02
H04W 4/40
H04L 29/08
G08G 1/16
(11) EP2452511
(21) EP09812467.0
(47) 25.07.2018
(87) IB2009055998
13.01.2011
(22) 30.12.2009
(54) GLOBAL POSITIONING SYSTEM (GPS)-BASED COMMUNICATION FILTER
(73) Sony Mobile Communications Inc.
(72) SPJUTH, Par
(31) 224593 P
540901
(32) 10.07.2009
13.08.2009
(33) United States of America
United States of America

(51) H04W 4/08
H04W 4/06
(11) EP2716081
(21) EP12721151.4
(47) 25.07.2018
(87) US2012036971
06.12.2012
(22) 08.05.2012
(54) GROUP ID AND QOS GROUP IDENTIFICATION FOR STREAM MULTIPLEXING IN MULTICAST AND BROADCAST SYSTEMS
(73) Qualcomm Incorporated
(72) GHOLMIEH, Ralph, A.
NAIK, Nagaraju
(31) 201161491030 P
201213436367
(32) 27.05.2011
30.03.2012
(33) United States of America
United States of America

(51) H04W 4/12
(11) EP2608581
(21) EP11861326.4
(47) 25.07.2018
(87) CN2011082474
25.04.2013
(22) 18.11.2011
(54) METHOD, SYSTEM AND APPARATUS FOR INDICATING TYPE OF MESSAGES
(73) ZTE Corporation
(72) XU, Hui
WU, Chuanxi
SUN, Qingbo
(31) 201110314769
(32) 17.10.2011
(33) China

(51) H04W 4/18
H04L 29/08
H04W 4/50
H04W 4/38
H04W 4/70
H04W 4/00
H04W 80/02
(11) EP2574084
(21) EP12186057.1
(47) 25.07.2018
(22) 26.09.2012
(54) Method for reconfiguring a protocol of an application program
(73) Samsung Electronics Co., Ltd
(72) Kim, Tae Seok

Park, Tae Rim
(31) 20110096907
(32) 26.09.2011
(33) Korea (Republic)

(51) H04W 4/70
H04L 12/24
H04L 12/26
H04W 24/04
(11) EP3114861
(21) EP14884720.5
(47) 25.07.2018
(87) SE2014050258
11.09.2015
(22) 04.03.2014
(54) A METHOD AND A FIRST NODE FOR MANAGING MODES OF OPERATION OF A SERVICE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SACHS, Joachim
MILDH, Gunnar
HÖÖK, Mikael
FRODIGH, Magnus
DAHLMAN, Erik
KALLIN, Harald

(51) H04W 8/26
H04W 76/12
H04W 80/04
H04L 29/06
(11) EP2497244
(21) EP10776436.7
(47) 25.07.2018
(87) IB2010054851
12.05.2011
(22) 26.10.2010
(54) VIRTUAL CARE-OF ADDRESS FOR MOBILE IP
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) VALLURI, Vamsidhar
RAHMAN, Shahriar, I.
(31) 614163
(32) 06.11.2009
(33) United States of America

(51) H04W 12/00
H04L 29/06
H04L 29/08
H04L 9/16
H04W 12/04
H04W 4/00
H04L 9/14
(11) EP2907330
(21) EP12886225.7
(47) 25.07.2018
(87) IB2012055448
17.04.2014
(22) 09.10.2012
(54) METHOD AND APPARATUS FOR DISABLING ALGORITHMS IN A DEVICE
(73) Nokia Technologies Oy
(72) HOLTMANNS, Silke
LINDHOLM, Rune

(51) H04W 12/04
H04L 9/08
H04W 8/26
H04W 36/08
H04W 74/00
H04W 88/08
H04W 92/10
(11) EP2184933
(21) EP10001502.3
(47) 25.07.2018
(22) 25.04.2008
(54) A METHOD AND APPARATUS FOR NEW KEY DERIVATION UPON HANDOFF IN WIRELESS NETWORKS
(73) Qualcomm Incorporated
(72) Vanderveen, Michaela
(31) 109082
914033 P
(32) 24.04.2008
26.04.2007
(33) United States of America
United States of America

(51) H04W 12/04
H04L 29/06
H04W 12/06
(11) EP3183857
(21) EP15750901.9
(47) 25.07.2018
(87) US2015044449
25.02.2016
(22) 10.08.2015
(54) SECURE PROVISIONING OF AN AUTHENTICATION CREDENTIAL
(73) Qualcomm Incorporated
(72) BENOIT, Olivier, Jean
TINNAKORNSRISUPHAP, Peerapol
(31) 201414462272
(32) 18.08.2014
(33) United States of America

(51) H04W 12/04
H04W 12/08
H04W 84/12
(11) EP2852201
(21) EP14185664.1
(47) 25.07.2018
(22) 19.09.2014
(54) Method, device, system and storage medium for controlling access to a router
(73) Xiaomi Inc.
(72) Fan, Jialin
Qu, Heng
Yang, Guizhen
XIA, Yongfeng
(31) 201310439636
(32) 24.09.2013
(33) China

(51) H04W 12/08
H04W 12/06
G06F 3/12
H04N 1/00
H04N 1/44
H04L 29/06
(11) EP2566210
(21) EP12182412.2
(47) 25.07.2018
(22) 30.08.2012
(54) Image Forming Apparatus Supporting Peer-To-Peer Connection and Method of Controlling Peer-To-Peer Connection Thereof
(73) HP Printing Korea Co., Ltd.
(72) Park, Hyun-wook
(31) 20110089251
(32) 02.09.2011
(33) Korea (Republic)

(51) H04W 12/08
H04W 24/00
G06F 21/57
H04L 29/06
H04W 4/02
H04W 12/12
(11) EP2769570
(21) EP12841657.5
(47) 25.07.2018
(87) US2012060455
25.04.2013
(22) 16.10.2012
(54) MOBILE RISK ASSESSMENT
(73) McAfee, LLC
(72) BASAVAPATNA, Prasanna Ganapathi
GADDALA, Satish Kumar
SCHRECKER, Sven
GOLDSCHLAG, David Moshe
(31) 201161548194 P
201161548224 P
201113339221
(32) 17.10.2011
18.10.2011
28.12.2011
(33) United States of America
United States of America
United States of America

(51) H04W 12/08
H04W 80/04
H04W 80/10
(11) EP2078262
(21) EP07868642.5
(47) 25.07.2018
(87) US2007083288
15.05.2008
(22) 01.11.2007
(54) SYSTEMS AND METHODS FOR SIGNAL REDUCTION IN WIRELESS COMMUNICATION
(73) Cisco Technology, Inc.
(72) RAMANKUTTY, Rajesh
(31) 590775
(32) 01.11.2006
(33) United States of America

(51) H04W 12/12
G06F 21/88
H04W 4/02
H04M 1/67
H04W 4/021
(11) EP3136767
(21) EP16182090.7
(47) 25.07.2018
(22) 29.07.2016
(54) DETERMINATION OF SUSPICIOUS MOVEMENT OF PORTABLE DEVICE
(73) BlackBerry Limited
(72) ALMALKI, Nazih
OLIVER, Robert
CHEN, Zhe
INWOOD, Andrew
CIETWIERKOWSKI, Marcin
(31) 201514834156
(32) 24.08.2015
(33) United States of America

(51) H04W 12/12
H04W 36/00
H04W 48/18
H04W 76/16
H04W 12/08

H04L 29/06
(11) EP3228108
(21) EP15802102.2
(47) 25.07.2018
(87) EP2015078119
09.06.2016
(22) 01.12.2015
(54) METHOD, COMPUTER PROGRAM AND NETWORK NODE FOR ENSURING SECURITY OF SERVICE REQUESTS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) NORRMAN, Karl
GEMSKI, Sven
(31) 201462088097 P
(32) 05.12.2014
(33) United States of America

(51) H04W 16/10
H04B 15/00
(11) EP2604055
(21) EP10855742.2
(47) 25.07.2018
(87) CN2010001226
16.02.2012
(22) 13.08.2010
(54) AUTOMATIC GUARD PERIOD ADJUSTMENT IN TIME DIVISION DUPLEXED WIRELESS COMMUNICATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) HOYMANN, Christian
GAN, Jiansong

(51) H04W 16/14
(11) EP2952031
(21) EP14703916.8
(47) 25.07.2018
(87) JP2014052182
07.08.2014
(22) 24.01.2014
(54) COMMUNICATION SYSTEM FOR SHARING RESOURCES BETWEEN MULTIPLE NETWORK OPERATORS
(73) NEC Corporation
(72) ARNOTT, Robert
GUO, Tao
(31) 201301656
(32) 30.01.2013
(33) United Kingdom

(51) H04W 16/14
H04L 27/00
(11) EP3011772
(21) EP14734986.4
(47) 25.07.2018
(87) US2014039278
24.12.2014
(22) 23.05.2014
(54) CONFIGURING A NETWORK OF DEVICES TO OPERATE WITHIN A TELEVISION WHITESPACE SPECTRUM
(73) Silver Spring Networks, Inc.
(72) SIEBERT, Cristina
NOTOR, John
FLAMMER, George H., III
(31) 201313921004
(32) 18.06.2013
(33) United States of America

(51) H04W 16/14
H04W 36/04
(11) EP2892265
(21) EP12883461.1
(47) 25.07.2018
(87) CN2012080768
06.03.2014
(22) 30.08.2012
(54) METHOD, DEVICE AND SYSTEM FOR PROCESSING COMMUNICATION SERVICE
(73) Huawei Technologies Co., Ltd.
(72) MA, Liyan
GUO, Fangfu

(51) H04W 16/14
H04W 84/12
(11) EP2534769
(21) EP10845857.1
(47) 25.07.2018
(87) KR2010007385
18.08.2011
(22) 26.10.2010
(54) METHOD AND APPARATUS OF TRANSMITTING PPDU IN WIRELESS LOCAL AREA NETWORK
(73) LG Electronics Inc.
(72) KIM, Eun Sun
SEOK, Yong Ho
LEE, Dae Won
(31) 20100077516
305545 P
302552 P
(32) 11.08.2010
18.02.2010
09.02.2010
(33) Korea (Republic)
United States of America
United States of America

(51) H04W 16/28
H04W 76/14
H04W 16/26
H04W 64/00
(11) EP2988559
(21) EP13806583.4
(47) 25.07.2018
(87) CN2013081622
27.12.2013
(22) 16.08.2013
(54) METHOD FOR ESTABLISHING MILLIMETRIC WAVE RADIO COMMUNICATION LINK AND TERMINAL DEVICE
(73) ZTE Corporation
(72) WANG, Qian
CHEN, Lin
YU, Zhong
ZHI, Zhou
(31) 201310192249
(32) 22.05.2013
(33) China

(51) H04W 24/02
(11) EP2897401
(21) EP13837853.4
(47) 25.07.2018
(87) CN2013082214
20.03.2014
(22) 23.08.2013
(54) METHOD AND DEVICE FOR GUARANTEEING CONSISTENCY OF PLANNING DATA
(73) ZTE Corporation
(72) LIU, Kangkang
PAN, Chunjin
ZHANG, Shihui
JIANG, Bingxin
MENG, Tian
JIN, Haitao
(31) 201210341559
(32) 14.09.2012
(33) China

(51) H04W 24/02
(11) EP3177059
(21) EP16205959.6
(47) 25.07.2018
(22) 27.03.2014
(54) SELECTION OF A BASESTATION PHYSICAL LAYER IDENTIFIER
(73) Ubiquisys Limited
(72) GRECH, Sandro
GIUSTINA, Andrea
BRIERS, James
SALAMI, Gbenga
(31) 201305698
(32) 28.03.2013
(33) United Kingdom

(51) H04W 24/02
H04W 12/04
H04L 12/24
H04L 29/06
(11) EP2903324
(21) EP13848912.5
(47) 25.07.2018
(87) CN2013085694
01.05.2014
(22) 22.10.2013
(54) WIRELESS NETWORK ADAPTER AND SELF-CONFIGURATION METHOD OF SAME
(73) Schneider Electric Industries SAS
(72) YE, Jun
CHICHE, Thierry
(31) 201210414356
(32) 25.10.2012
(33) China

(51) H04W 24/02
H04W 48/12
H04W 84/12
H04W 88/06
(11) EP3016429
(21) EP15192104.6
(47) 25.07.2018
(22) 29.10.2015
(54) NETWORK CONTROL
(73) Comcast Cable Communications, LLC
(72) Sanderson, Philip Andrew
Lynn, Thomas William Jr.
Attanasio, Joseph
Khemani, Yash Lachmandas
(31) 201414526997
(32) 29.10.2014
(33) United States of America

(51) H04W 24/06
H04W 88/02
(11) EP2878149
(21) EP14775532.6
(47) 25.07.2018
(87) JP2014001588
02.10.2014
(22) 19.03.2014

(54) COMMUNICATIONS SYSTEM
(73) NEC Corporation
(72) DELSOL, Thomas
LAIR, Yannick
(31) 201305821
(32) 28.03.2013
(33) United Kingdom

(51) H04W 24/10
(11) EP2761922
(21) EP12834627.7
(47) 25.07.2018
(87) KR2012007464
04.04.2013
(22) 18.09.2012
(54) METHOD AND APPARATUS FOR REPORTING LOCATION INFORMATION
(73) LG Electronics Inc.
(72) YI, Seung June
CHUN, Sung Duck
JUNG, Sung Hoon
LEE, Young Dae
PARK, Sung Jun
(31) 201161539955 P
201161541099 P
(32) 27.09.2011
30.09.2011
(33) United States of America
United States of America

(51) H04W 24/10
H04B 7/04
H04B 7/06
(11) EP2996375
(21) EP13884352.9
(47) 25.07.2018
(87) JP2013063088
13.11.2014
(22) 09.05.2013
(54) MOBILE STATION AND REPORTING METHOD
(73) Fujitsu Limited
(72) JITSUKAWA, Daisuke

(51) H04W 24/10
H04L 5/00
(11) EP2941041
(21) EP13867465.0
(47) 25.07.2018
(87) KR2013012280
03.07.2014
(22) 27.12.2013
(54) METHOD OF TRANSMITTING AND RECEIVING CHANNEL QUALITY INDICATOR INFORMATION IN WIRELESS ACCESS SYSTEM AND DEVICE SUPPORTING SAME
(73) LG Electronics Inc.
(72) KIM, Kitae
KIM, Jinmin
KO, Hyunsoo
CHUNG, Jaehoon
(31) 201261746132 P
(32) 27.12.2012
(33) United States of America

(51) H04W 24/10
H04L 25/02
(11) EP2989821
(21) EP13883145.8
(47) 25.07.2018
(87) CN2013074769
30.10.2014
(22) 26.04.2013
(54) A METHOD AND DEVICE FOR ENABLING DOWNLINK COORDINATED MULTIPOINT COMMUNICATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ZHANG, Zhan
LI, Shaohua
LIU, Jinhua

(51) H04W 24/10
H04W 24/02
H04W 72/04
(11) EP2648444
(21) EP11844914.9
(47) 25.07.2018
(87) CN2011083356
07.06.2012
(22) 02.12.2011
(54) METHOD, SYSTEM, AND DEVICE FOR CONFIRMING UPLINK-DOWNLINK CONFIGURATION
(73) Datang Mobile Communications Equipment Co., Ltd.
(72) PAN, Xueming
SUN, Shaohui
XIAO, Guojun
QIN, Fei
SHEN, Zukang
DING, Yu
(31) 201010570409
(32) 02.12.2010
(33) China

(51) H04W 24/10
H04W 28/16
H04W 52/24
H04J 11/00
H04J 99/00
H04W 52/32
H04L 5/00
H04L 25/00
H04W 52/14
(11) EP2741537
(21) EP12819190.5
(47) 25.07.2018
(87) JP2012069670
07.02.2013
(22) 02.08.2012
(54) COMMUNICATION SYSTEM, TERMINALS AND BASE STATION
(73) Sharp Kabushiki Kaisha
(72) IMAMURA Kimihiko
OUCHI Wataru
AKIMOTO Yosuke
NOGAMI Toshizo
NAKASHIMA Daiichiro
SHIMEZAWA Kazuyuki
SUZUKI Shoichi
KATO Yasuyuki
UEMURA Katsunari
(31) 2011169317
(32) 02.08.2011
(33) Japan

(51) H04W 24/10
H04W 72/04
H04W 48/12
(11) EP3014908
(21) EP14817727.2
(47) 25.07.2018
(87) US2014044135
31.12.2014
(22) 25.06.2014
(54) COMMUNICATIONS IN AN AD-HOC MULTICAST NETWORK
(73) Intel Corporation
(72) STEPHENS, Adrian P.
STOJANOVSKI, Alexandre S.
KHORYAEV, Alexey
(31) 201361841230 P
(32) 28.06.2013
(33) United States of America

(51) H04W 28/06
H04W 72/12
H04W 80/02
(11) EP2008481
(21) EP07759044.6
(47) 25.07.2018
(87) US2007064555
25.10.2007
(22) 21.03.2007
(54) METHOD AND APPARATUS FOR PREDICTION OF A CONNECTION IDENTIFIER IN A DOWNLINK BURST
(73) Google Technology Holdings LLC
(72) SCHAAP, Wim
(31) 404359
(32) 14.04.2006
(33) United States of America

(51) H04W 28/10
H04W 92/12
(11) EP2429235
(21) EP11192741.4
(47) 25.07.2018
(22) 04.02.2008
(54) Method and apparatus for enchancing RLC for flexible RLC PDU size
(73) InterDigital Technology Corporation
(72) Pani, Diana
Miller, James M.
Marinier, Paul
Terry, Stephen E.
Grandhi, Sudheer A.
(31) 88783107 P
89547107 P
91372807 P
(32) 02.02.2007
18.03.2007
24.04.2007
(33) United States of America
United States of America
United States of America

(51) H04W 28/18
H04W 16/14
H04W 64/00
H04W 84/18
(11) EP2753118
(21) EP12827161.6
(47) 25.07.2018
(87) JP2012071847
07.03.2013
(22) 29.08.2012
(54) WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD
(73) Toyota Jidosha Kabushiki Kaisha
(72) ALTINTAS, Onur
ONISHI, Ryokichi

NISHIBORI, Mitsuhiro
(31) 2011187753
2012078924
(32) 30.08.2011
30.03.2012
(33) Japan
Japan

(51) H04W 36/00
(11) EP2544483
(21) EP10847742.3
(47) 25.07.2018
(87) CN2010077718
22.09.2011
(22) 13.10.2010
(54) BASE STATION AND HANDOVER PROCESSING METHOD FOR DIGITAL CLUSTER COMMUNICATION
(73) ZTE Corporation
(72) PEI, Fan
(31) 201010150640
(32) 16.03.2010
(33) China

(51) H04W 36/00
H04W 48/20
H04W 88/06
H04W 36/22
H04W 92/20
H04W 84/12
H04W 84/04
(11) EP3105973
(21) EP15746591.5
(47) 25.07.2018
(87) SE2015050058
13.08.2015
(22) 22.01.2015
(54) INTERWORKING BETWEEN NETWORKS OPERATING ACCORDING TO DIFFERENT RADIO ACCESS TECHNOLOGIES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) TAN BERGSTÖRM, Mattias
HEDBERG, Tomas
(31) 201461937729 P
(32) 10.02.2014
(33) United States of America

(51) H04W 36/00
H04W 76/20
(11) EP2787759
(21) EP12862003.6
(47) 25.07.2018
(87) CN2012087362
04.07.2013
(22) 25.12.2012
(54) METHOD FOR REPORTING MEASUREMENT REPORT OF MEASUREMENT EVENT
(73) Huawei Technologies Co., Ltd.
(72) CHAI, Li
LIN, Bo
SHI, Jie
(31) 201110459643
(32) 31.12.2011
(33) China

(51) H04W 36/14
H04W 36/26
H04W 36/28
(11) EP2433399
(21) EP10718024.2
(47) 25.07.2018
(87) US2010034190
25.11.2010
(22) 10.05.2010
(54) METHOD FOR CONSERVING RESOURCES DURING WIRELESS HANDOVER OF A MULTI-MODE MOBILE DEVICE
(73) Google Technology Holdings LLC
(72) SAYEEDI, Shahab M.,
BALLANTYNE, Wayne W.,
(31) 180401 P
774106
(32) 21.05.2009
05.05.2010
(33) United States of America
United States of America

(51) H04W 36/14
H04W 36/34
H04W 36/00
H04W 76/34
(11) EP2975882
(21) EP14763802.7
(47) 25.07.2018
(87) KR2014002104
18.09.2014
(22) 13.03.2014
(54) METHOD AND APPARATUS FOR CHANGING PROXIMITY SERVICE-BASED RADIO ACCESS TECHNOLOGY
(73) LG Electronics Inc.
(72) KIM, Laeyoung
KIM, Jaehyun
KIM, Taehyeon
KIM, Hyunsook
(31) 201361785780 P
201361812223 P
201361842960 P
201361872851 P
(32) 14.03.2013
15.04.2013
03.07.2013
03.09.2013
(33) United States of America
United States of America
United States of America
United States of America

(51) H04W 36/32
H04L 29/08
G01C 21/34
H04W 64/00
(11) EP2446680
(21) EP10792520.8
(47) 25.07.2018
(87) US2010038478
29.12.2010
(22) 14.06.2010
(54) GPS ASSISTED NETWORK HANDOVER
(73) Intel Corporation
(72) SYDIR, Jaroslaw J.
SKEBA, Kirk W.
(31) 459145
(32) 26.06.2009
(33) United States of America

(51) H04W 40/02
H04L 12/725
H04L 12/707
H04W 8/08
H04W 84/04
(11) EP2315412
(21) EP10176463.7
(47) 25.07.2018
(22) 13.09.2010
(54) Distributed platform for controlling resources in a radio access network
(73) Vodafone Group plc
(72) Chami, Youssef
Fox, David
Allen, Steve
Cheng, Matthew
Gallego-Lopez, Marina
(31) 201011162
201002389
0916239
(32) 02.07.2010
12.02.2010
16.09.2009
(33) United Kingdom
United Kingdom
United Kingdom

(51) H04W 40/02
H04L 12/727
H04L 12/721
H04L 12/733
H04W 40/38
(11) EP2858416
(21) EP14152090.8
(47) 25.07.2018
(22) 22.01.2014
(54) Communication system, communication device, program and communication method
(73) NINTENDO CO., LTD.
(72) Nakata, Tetsuya
Tojo, Haruki
Ito, Jun
Mifune, Masashi
Nishino, Tomohiro
(31) 2013207626
(32) 02.10.2013
(33) Japan

(51) H04W 48/02
H04W 72/04
(11) EP2471313
(21) EP09848815.8
(47) 25.07.2018
(87) SE2009050948
03.03.2011
(22) 25.08.2009
(54) ADMISSION CONTROL IN A WIRELESS COMMUNICATION SYSTEM
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) WIDELL, Daniel

(51) H04W 48/08
H04W 52/02
H04B 17/26
(11) EP2752058
(21) EP12759564.3
(47) 25.07.2018
(87) US2012052927
07.03.2013
(22) 29.08.2012
(54) APPARATUS AND METHOD FOR MONITORING OF BACKGROUND APPLICATION EVENTS
(73) Qualcomm Incorporated
(72) MEYLAN, Arnaud

BEN-ZUR, Liat
GIARETTA, Gerardo
SHAH, Tejash R.
(31) 201161528628 P
201161543701 P
201213490408
(32) 29.08.2011
05.10.2011
06.06.2012
(33) United States of America
United States of America
United States of America

(51) H04W 48/08
H04W 52/24
H04W 84/04
H04W 84/18
H04W 52/28
(11) EP2609776
(21) EP11752698.8
(47) 25.07.2018
(87) US2011048801
01.03.2012
(22) 23.08.2011
(54) PROXIMITY AGENT BASED OUT OF BAND COMMUNICATION FOR FEMTOCELL OPERATION
(73) Qualcomm Incorporated
(72) DAS, Soumya
CHAUBEY, Nishith
SOLIMAN, Samir S.
(31) 861616
(32) 23.08.2010
(33) United States of America

(51) H04W 48/10
H04W 52/02
H04W 88/10
H04W 36/00
H04W 36/14
H04W 48/18
H04W 84/04
(11) EP2735197
(21) EP12818178.1
(47) 25.07.2018
(87) FI2012050663
31.01.2013
(22) 27.06.2012
(54) IDLE MODE ACCESS THROUGH ASSISTED DISCOVERY
(73) Nokia Technologies Oy
(72) ONG, Eng Hwee
MARIN, Janne
KIUKKONEN, Niko
(31) 201113188878
(32) 22.07.2011
(33) United States of America

(51) H04W 48/14
H04W 12/04
H04L 29/06
H04W 4/02
H04W 8/18
H04W 8/20
H04W 8/24
H04W 88/06
(11) EP1492302
(21) EP04102807.7
(47) 25.07.2018
(22) 18.06.2004
(54) Method and system for establishing short-range service sessions
(73) Nokia Technologies Oy
(72) Palin, Arto
Salokannel, Juha
Leppänen, Jari P.
(31) 602661
(32) 25.06.2003
(33) United States of America

(51) H04W 48/16
H04W 48/18
H04W 88/06
(11) EP2498549
(21) EP11157302.8
(47) 25.07.2018
(22) 08.03.2011
(54) Improved network access and a mobile station configured for the same
(73) BlackBerry Limited
(72) Barbu, Ion
Bakthavathsalu, Krishna Kumar
Kholaif, Ahmad Mohammad Mohammad
Mendahawi, Nayef Fawaz

(51) H04W 48/20
(11) EP2214426
(21) EP08790478.5
(47) 25.07.2018
(87) JP2008002274
30.04.2009
(22) 22.08.2008
(54) CELL SELECTION SYSTEM, CELL SELECTION METHOD, AND PORTABLE TERMINAL
(73) Panasonic Intellectual Property Corporation of America
(72) AOYAMA, Takahisa
HIRANO, Jun
ARAMAKI, Takashi
FUKUI, Akito
(31) 2007278434
(32) 26.10.2007
(33) Japan

(51) H04W 52/02
(11) EP2725851
(21) EP12191066.5
(47) 25.07.2018
(22) 02.11.2012
(54) SYSTEM AND METHOD OF REJECTING A LOW POWER STATE BASED ON A COVER DETECTION BY A MOBILE WIRELESS COMMUNICATION DEVICE
(73) BlackBerry Limited
(72) Parco, Adam Louis
Tomm, Alexander Michael
(31) 201213660546
(32) 25.10.2012
(33) United States of America

(51) H04W 52/02
(11) EP3087784
(21) EP14821419.0
(47) 25.07.2018
(87) US2014069682
02.07.2015
(22) 11.12.2014
(54) DRX WAKEUP RULE IN AN EICIC ENVIRONMENT
(73) QUALCOMM Incorporated
(72) FARAJIDANA, Amir
LUO, Xiliang
GOROKHOV, Alexei, Yurievitch
MAHMOUD, Hisham, A.
SAINTS, Keith, William
(31) 201314139803
(32) 23.12.2013
(33) United States of America

(51) H04W 52/02
(11) EP2502450
(21) EP10795428.1
(47) 25.07.2018
(87) FR2010052415
19.05.2011
(22) 10.11.2010
(54) METHOD AND SYSTEM FOR SAVING ENERGY IN A MOBILE TERMINAL
(73) Alcatel Lucent
(72) HEBBAR, Abdelkrim
MAARADJI, Abderrahmane
BIZOUARN, Erick
(31) 0905503
(32) 16.11.2009
(33) France

(51) H04W 52/02
H04B 17/00
H04W 52/36
H04W 76/06
(11) EP2672764
(21) EP13165068.1
(47) 25.07.2018
(22) 24.04.2013
(54) METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR WIRELESS SHORT-RANGE COMMUNICATION DISCONNECTION
(73) Nokia Technologies Oy
(72) Palin, Arto
Luukkala, Vesa-Veikko
(31) 201213491021
(32) 07.06.2012
(33) United States of America

(51) H04W 52/02
H04L 12/28
(11) EP3136793
(21) EP16161754.3
(47) 25.07.2018
(22) 22.03.2016
(54) METHOD AND APPARATUS FOR AWAKENING ELECTRONIC DEVICE
(73) Xiaomi Inc.
(72) CHEN, Hong
DING, Yi
LI, Feiyun
(31) 201510542949
(32) 28.08.2015
(33) China

(51) H04W 52/02
H04W 28/24
H04L 29/06
H04M 1/725
H04M 1/02
H04W 4/20
(11) EP2269407
(21) EP09739413.4
(47) 25.07.2018
(87) US2009040318
05.11.2009
(22) 13.04.2009

(54) METHOD OF OPTIMIZING POWER CONSUMPTION IN A WIRELESS DEVICE
(73) Motorola Solutions, Inc.
(72) REINISCH, William
WATSON, Craig
WHEATLEY, David
NARASIMHAN, Nitya
(31) 112811
(32) 30.04.2008
(33) United States of America

(51) H04W 52/02
H04W 48/02
H04W 84/12
(11) EP3010289
(21) EP15188983.9
(47) 25.07.2018
(22) 08.10.2015
(54) METHOD AND APPARATUS FOR CONTROLLING SIGNAL TRANSMISSION AND COMPUTER PROGRAM PRODUCT
(73) Xiaomi Inc.
(72) HUANG, Qiuzhi
FAN, Jialin
QU, Heng
(31) 201410555668
(32) 17.10.2014
(33) China

(51) H04W 52/32
H04W 52/34
H04L 1/00
H04W 52/24
H04W 72/08
H04W 84/04
(11) EP2465307
(21) EP10747546.9
(47) 25.07.2018
(87) US2010045196
17.02.2011
(22) 11.08.2010
(54) METHOD AND APPARATUS FOR INTERFERENCE MITIGATION BY PUNCTURING TRANSMISSION OF INTERFERING CELLS
(73) Qualcomm Incorporated
(72) SEONG, Kibeom
LUO, Tao
YOO, Taesang
ZHANG, Xiaoxia
DOAN, Dung N.
(31) 233107 P
853168
(32) 11.08.2009
09.08.2010
(33) United States of America
United States of America

(51) H04W 52/36
(11) EP3183917
(21) EP14758967.5
(47) 25.07.2018
(87) EP2014068901
10.03.2016
(22) 05.09.2014
(54) BASE STATION CONTROLLER FOR CONTROLLING A RADIO FREQUENCY EMISSION OF AT LEAST ONE ANTENNA OF A BASE STATION
(73) Huawei Technologies Co., Ltd.
(72) SOTEK, Karel
KAPADIA, Mayank
LI, Jinbo

(51) H04W 52/38
H04W 52/24
H04W 52/36
(11) EP2768262
(21) EP14155402.2
(47) 25.07.2018
(22) 17.02.2014
(54) Method and apparatus for power control and multiplexing for device to device communication in wireless cellular communication system
(73) Samsung Electronics Co., Ltd.
(72) Kwak,, Yongjun
Cho,, Joonyoung
Ji,, Hyoungju
Ro,, Sangmin
(31) 20130016488
20140014221
(32) 15.02.2013
07.02.2014
(33) Korea (Republic)
Korea (Republic)

(51) H04W 52/42
H04B 7/0413
(11) EP2849355
(21) EP13760797.4
(47) 25.07.2018
(87) KR2013002007
19.09.2013
(22) 13.03.2013
(54) METHOD AND DEVICE FOR DETERMINING TRANSMISSION POWER IN MULTI-ANTENNA COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) LEE, Byung Moo
BANG, Jong Ho
CHOI, Jin Hyeock
KANG, Byung Chang
(31) 20120025801
(32) 13.03.2012
(33) Korea (Republic)

(51) H04W 56/00
(11) EP2822334
(21) EP13775540.1
(47) 25.07.2018
(87) CN2013074003
17.10.2013
(22) 10.04.2013
(54) METHOD, SYSTEM AND DEVICE FOR CALIBRATING DEVIATION AMONG MULTIPLE ACCESS POINTS
(73) ZTE Corporation
(72) ZHAO, Yajun
MO, Linmei
HUANG, Chen
XU, Hanqing
LI, Yujie
SUN, Baoyu
WANG, Qian
SUN, Yunfeng
(31) 201210106029
(32) 12.04.2012
(33) China

(51) H04W 56/00
(11) EP2957139
(21) EP13874970.0
(47) 25.07.2018
(87) US2013047966
21.08.2014
(22) 26.06.2013
(54) METHODS, WIRELESS COMMUNICATION STATIONS, AND SYSTEM FOR SYNCHRONIZING DEVICES AND NEIGHBOR AREA NETWORKING (NAN) CONFIGURATION
(73) Intel IP Corporation
(72) QI, Emily H.
PARK, Minyoung
KAIDAR, Oren
(31) 201361763931 P
(32) 12.02.2013
(33) United States of America

(51) H04W 56/00
B61L 15/00
(11) EP2763474
(21) EP12836999.8
(47) 25.07.2018
(87) JP2012074420
04.04.2013
(22) 24.09.2012
(54) WIRELESS COMMUNICATION NETWORK SYSTEM SYNCHRONIZATION METHOD
(73) The Nippon Signal Co., Ltd.
(72) YAMAGUCHI, Terufumi
SAITO, Hiroki
OTSUKA, Yuhei
SHIRAI, Toshihito
(31) 2011218180
(32) 30.09.2011
(33) Japan

(51) H04W 56/00
H04W 16/16
(11) EP2984881
(21) EP14722121.2
(47) 25.07.2018
(87) EP2014056951
16.10.2014
(22) 07.04.2014
(54) COMMUNICATION METHOD COMPLYING WITH A DECT TYPE STANDARD
(73) Safran Electronics & Defense
(72) CHIODINI, Alain
ROVER, Arnaud
(31) 1353109
(32) 08.04.2013
(33) France

(51) H04W 56/00
H04W 36/00
(11) EP2759175
(21) EP12833095.8
(47) 25.07.2018
(87) KR2012007537
28.03.2013
(22) 20.09.2012
(54) METHOD AND APPARATUS FOR ACQUIRING SYNCHRONIZATION IN RADIO COMMUNICATION SYSTEM
(73) LG Electronics Inc.
(72) SEO, Inkwon

SEO, Hanbyul
KIM, Kijun
KIM, Hakseong
(31) 201161537553 P
201261586113 P
(32) 21.09.2011
12.01.2012
(33) United States of America
United States of America

(51) H04W 60/00
H04W 68/02
H04W 4/14
H04W 8/20
H04W 4/00
(11) EP2695457
(21) EP12768671.5
(47) 25.07.2018
(87) KR2012002508
11.10.2012
(22) 04.04.2012
(54) MESSAGING OVER A NETWORK
(73) Samsung Electronics Co., Ltd.
(72) ZISIMOPOULOS, Haris
KAURA, Ricky
(31) 201105694
(32) 04.04.2011
(33) United Kingdom

(51) H04W 64/00
G01S 5/02
H04W 84/04
(11) EP2670201
(21) EP13169453.1
(47) 25.07.2018
(22) 28.05.2013
(54) Access node locations in a network
(73) Comcast Cable Communications, LLC
(72) Ong, Ivan
Urban, David
Lowery, Clifton
(31) 201213483981
(32) 30.05.2012
(33) United States of America

(51) H04W 64/00
G01S 19/48
G01S 19/13
G01S 5/00
G01S 5/10
G01S 19/11
G01S 5/02
(11) EP1639855
(21) EP04756388.7
(47) 25.07.2018
(87) US2004020921
13.01.2005
(22) 28.06.2004
(54) METHOD AND APPARATUS FOR WIRELESS NETWORK HYBRID POSITIONING
(73) Qualcomm, Incorporated
(72) MOEGLEIN, Mark
ROWITCH, Douglas N.
RILEY, Wyatt
DELOACH, James D., Jr.
SHEYNBLAT, Leonid
(31) 483094 P
877205
(32) 27.06.2003
25.06.2004
(33) United States of America
United States of America

(51) H04W 64/00
H04W 76/27
H04W 36/32
H04W 8/08
(11) EP2880929
(21) EP12790690.7
(47) 25.07.2018
(87) SE2012051107
06.02.2014
(22) 15.10.2012
(54) METHOD AND ARRANGEMENT IN A TELECOMMUNICATIONS NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) WAGER, Stefan
WIEMANN, Henning
FOLKE, Mats
WÄNSTEDT, Stefan
YAVUZ, Emre
(31) 201261679136 P
(32) 03.08.2012
(33) United States of America

(51) H04W 72/00
(11) EP1806023
(21) EP05820861.2
(47) 25.07.2018
(87) US2005038517
04.05.2006
(22) 24.10.2005
(54) TIME MULTIPLEXING OF UNICAST AND MULTICAST SIGNALS ON A DOWNLINK CARRIER FREQUENCY IN A WIRELESS COMMUNICATION SYSTEM
(73) QUALCOMM INCORPORATED
(72) WILLENEGGER, Serge D.
TIEDEMANN, Edward G., Jr.
(31) 621440 P
227688
(32) 22.10.2004
14.09.2005
(33) United States of America
United States of America

(51) H04W 72/00
H04W 72/08
H04W 16/14
(11) EP2696635
(21) EP13168477.1
(47) 25.07.2018
(22) 21.05.2013
(54) SMALL-SCALE BASE STATION, COMMUNICATION SYSTEM, AND COMMUNICATION METHOD
(73) FUJITSU LIMITED
(72) HIRATA, Akira
(31) 2012174624
(32) 07.08.2012
(33) Japan

(51) H04W 72/04
H04L 5/00
H04L 5/14
(11) EP2360984
(21) EP09832941.0
(47) 25.07.2018
(87) CN2009075667
24.06.2010
(22) 17.12.2009
(54) A CARRIER WAVE CONVERGING METHOD IN A FDD SYSTEM AND A DEVICE THEREOF, AND A METHOD FOR OBTAINING UPWARD/DOWNWARD CHANNELS RECIPROCITY AND A DEVICE THEREOF
(73) Huawei Technologies Co., Ltd.
(72) SUN, Lixin
LV, Yongxia
WAN, Lei
(31) 200810241622
200910004683
(32) 17.12.2008
26.02.2009
(33) China
China

(51) H04W 72/04
H04W 52/02
H04L 1/00
H04L 1/06
G01D 4/00
(11) EP2574125
(21) EP12005531.4
(47) 25.07.2018
(22) 30.07.2012
(54) TIME DIVISION MULTIPLE ACCESS (TDMA) MEDIA ACCESS CONTROL (MAC) ADAPTED FOR SINGLE USER, MULTIPLE USER, MULTIPLE ACCESS, AND/OR MIMO WIRELESS COMMUNICATIONS
(73) Avago Technologies General IP (Singapore) Pte. Ltd.
(72) Amini, Peiman
Fischer, Matthew
(31) 201161539352 P
201161539357 P
201213539186
(32) 26.09.2011
26.09.2011
29.06.2012
(33) United States of America
United States of America
United States of America

(51) H04W 72/04
H04W 52/02
H04W 4/00
(11) EP2734001
(21) EP13189164.0
(47) 25.07.2018
(22) 17.10.2013
(54) Method and apparatus for communicating in an increased coverage area to a wireless communication unit
(73) General Dynamics C4 Systems, Inc.
(72) Beale, Martin
(31) 201213667946
(32) 02.11.2012
(33) United States of America

(51) H04W 72/04
H04W 92/10
(11) EP2408248
(21) EP10750597.6
(47) 25.07.2018
(87) JP2010001749
16.09.2010
(22) 11.03.2010

(54) RADIO TERMINAL, RADIO BASE STATION, CHANNEL SIGNAL FORMING METHOD, AND CHANNEL SIGNAL RECEIVING METHOD
(73) Sun Patent Trust
(72) NAKAO, Seigo
NISHIO, Akihiko
IMAMURA, Daichi
(31) 2009059501
(32) 12.03.2009
(33) Japan

(51) H04W 72/08
H04W 24/10
H04B 7/06
H04B 17/24
H04B 17/309
H04W 84/18
H04B 17/345
(11) EP2446659
(21) EP10792522.4
(47) 25.07.2018
(87) US2010038499
29.12.2010
(22) 14.06.2010
(54) RADIO RESOURCE MEASUREMENT TECHNIQUES IN DIRECTIONAL WIRELESS NETWORKS
(73) Intel Corporation
(72) CORDEIRO, Carlos
GOPALAKRISHNAN, Praveen
(31) 459264
(32) 26.06.2009
(33) United States of America

(51) H04W 72/08
H04W 72/12
H04W 72/04
(11) EP2894918
(21) EP15156289.9
(47) 25.07.2018
(22) 14.11.2012
(54) METHODS AND APPARATUS FOR REDUCING INTERFERENCE IN A HETEROGENEOUS NETWORK
(73) Qualcomm Incorporated
(72) Song, Osok
Vajapeyam, Madhavan S.
(31) 201161559343 P
201161578783 P
201213675110
(32) 14.11.2011
21.12.2011
13.11.2012
(33) United States of America
United States of America
United States of America

(51) H04W 72/08
H04W 84/04
(11) EP2603988
(21) EP11816623.0
(47) 25.07.2018
(87) KR2011005905
16.02.2012
(22) 11.08.2011
(54) METHOD AND APPARATUS OF CONTROLLING RESOURCE OF FEMTO BASE STATION FOR PROTECTING INTERFERENCE VICTIM TERMINAL AND CONTROLLING INTERFERENCE AMONG FEMTO BASE STATIONS
(73) Samsung Electronics Co., Ltd.
(72) LEE, Nam Yoon
HONG, Young Jun
JANG, Kyung Hun
CLERCKX, Bruno
CHO, Joon Young
(31) 20100078326
(32) 13.08.2010
(33) Korea (Republic)

(51) H04W 72/10
(11) EP2260671
(21) EP09718706.6
(47) 25.07.2018
(87) US2009035190
17.09.2009
(22) 25.02.2009
(54) METHODS AND APPARATUS FOR USING CONNECTION IDENTIFIERS HAVING DIFFERENT PRIORITIES AT DIFFERENT TIMES
(73) QUALCOMM Incorporated
(72) LI, Junyi
LAROIA, Rajiv
TAVILDAR, Saurabh
WU, Xinzhou
(31) 47761
(32) 13.03.2008
(33) United States of America

(51) H04W 72/12
H04W 52/14
H04L 5/00
H04L 5/14
(11) EP2793422
(21) EP14169694.8
(47) 25.07.2018
(22) 19.03.2012
(54) Method for multi-radio co-existence on adjacent frequency bands
(73) Google Technology Holdings LLC
(72) Frank, Colin
Krishnamurthy, Sandeep
Nimbalker, Ajit
Nory, Ravikiran
Love, Robert T
Stewart, Kenneth A
(31) 201113083105
(32) 08.04.2011
(33) United States of America

(51) H04W 72/12
H04W 84/12
(11) EP3141064
(21) EP15724437.7
(47) 25.07.2018
(87) US2015029502
12.11.2015
(22) 06.05.2015
(54) METHODS AND APPARATUS FOR SIGNALING USER ALLOCATIONS IN MULTI-USER WIRELESS COMMUNICATION NETWORKS
(73) Qualcomm Incorporated
(72) REBEIZ, Eric Pierre
TANDRA, Rahul
VERMANI, Sameer
TIAN, Bin
(31) 201461989992 P
201462020243 P
201562141593 P
201514704878
(32) 07.05.2014
02.07.2014
01.04.2015
05.05.2015
(33) United States of America
United States of America
United States of America
United States of America

(51) H04W 74/00
H04W 84/12
(11) EP2784946
(21) EP12850791.0
(47) 25.07.2018
(87) KR2012010016
30.05.2013
(22) 26.11.2012
(54) GROUPING-BASED DATA TRANSCEIVING METHOD IN WIRELESS LAN SYSTEM AND APPARATUS FOR SUPPORTING SAME
(73) LG Electronics Inc.
(72) SEOK, Yong Ho
PARK, Jong Hyun
YOU, Hyang Sun
(31) 201161563597 P
201161567127 P
(32) 24.11.2011
06.12.2011
(33) United States of America
United States of America

(51) H04W 74/08
(11) EP2991431
(21) EP13883261.3
(47) 25.07.2018
(87) CN2013090890
30.10.2014
(22) 30.12.2013
(54) METHOD, DEVICE AND COMPUTER READABLE STORAGE MEDIUM FOR PROCESSING CHANNEL ACCESS
(73) ZTE Corporation
(72) YANG, Dan
XING, Weimin
LV, Kaiying
SUN, Bo
LI, Nan
(31) 201310145483
(32) 24.04.2013
(33) China

(51) H04W 74/08
(11) EP2982209
(21) EP14722058.6
(47) 25.07.2018
(87) US2014032548
09.10.2014
(22) 01.04.2014
(54) SYSTEMS AND METHODS FOR COLLISION MANAGEMENT IN A NEIGHBORHOOD AWARE NETWORK
(73) QUALCOMM Incorporated
(72) ABRAHAM, Santosh Paul
CHERIAN, George
RAISSINIA, Alireza
FREDERIKS, Guido Robert
(31) 201361808052 P

201361824926 P
201361828529 P
201414231403
(32) 03.04.2013
17.05.2013
29.05.2013
31.03.2014
(33) United States of America
United States of America
United States of America
United States of America

(51) H04W 74/08
H04W 4/70
H04W 52/02
(11) EP2837252
(21) EP13717825.7
(47) 25.07.2018
(87) GB2013050913
17.10.2013
(22) 10.04.2013
(54) TELECOMMUNICATIONS APPARATUS AND METHODS FOR COMMUNICATING WITH A FIRST AND A SECOND TYPE OF DEVICES
(73) SCA IPLA Holdings Inc.
(72) MORIOKA, Yuichi
(31) 201206347
(32) 11.04.2012
(33) United Kingdom

(51) H04W 74/08
H04W 74/00
(11) EP2269398
(21) EP08874129.3
(47) 25.07.2018
(87) KR2008007799
05.11.2009
(22) 30.12.2008
(54) RANDOM ACCESS CHANNEL PREAMBLE SELECTION
(73) LG Electronics Inc.
(72) VUJCIC, Dragan
(31) 48542 P
(32) 28.04.2008
(33) United States of America

(51) H04W 74/08
H04W 76/28
H04W 84/12
H04W 88/06
(11) EP3241400
(21) EP15816625.6
(47) 25.07.2018
(87) US2015064174
07.07.2016
(22) 07.12.2015
(54) DYNAMIC ADAPTIVE AND NON-ADAPTIVE MODE SWITCHING
(73) Microsoft Technology Licensing, LLC
(72) NAKAHARA, Mike
ADERMANN, Stanley William
(31) 201462099031 P
201514692221
(32) 31.12.2014
21.04.2015
(33) United States of America
United States of America

(51) H04W 76/00
(11) EP2890210
(21) EP15154096.0
(47) 25.07.2018
(22) 21.03.2011
(54) Method for state transition and network device
(73) Huawei Technologies Co., Ltd.
(72) Wang, Xueliang
Zhou, Lin
Tang, Zongquan
Shen, Zhichao
(31) 201010129163
(32) 22.03.2010
(33) China

(51) H04W 76/10
(11) EP3097740
(21) EP14816326.4
(47) 25.07.2018
(87) EP2014079174
30.07.2015
(22) 23.12.2014
(54) COMMUNICATIONS DEVICE
(73) Sony Corporation
(72) MORIOKA, Yuichi
(31) 14152430
(32) 24.01.2014
(33) European Patent Office (EPO)

(51) H04W 76/14
H04W 4/18
H04W 4/00
H04L 29/06
H04L 29/08
H04W 84/18
H04W 4/80
(11) EP3219126
(21) EP15794874.6
(47) 25.07.2018
(87) EP2015076020
19.05.2016
(22) 09.11.2015
(54) METHOD FOR TRANSMITTING DATA BETWEEN TWO SUBSCRIBERS
(73) Makaio GmbH
(72) SCHRAMM, Christoph
(31) 102014223211
(32) 13.11.2014
(33) Germany

(51) H04W 76/20
H04W 76/10
H04W 72/08
H04W 72/12
H04W 28/08
H04W 28/02
H04W 40/16
(11) EP3014815
(21) EP14817957.5
(47) 25.07.2018
(87) US2014043411
31.12.2014
(22) 20.06.2014
(54) DEVICE-TO-DEVICE CONTENTION MANAGEMENT SCHEME FOR MOBILE BROADBAND NETWORKS
(73) Intel Corporation
(72) PYATTAEV, Alexander
JOHNSSON, Kerstin
(31) 201313931415
(32) 28.06.2013
(33) United States of America

(51) H04W 76/32
H04W 8/10
H04W 36/00
H04W 36/12
(11) EP2139253
(21) EP07855902.8
(47) 25.07.2018
(87) CN2007003902
25.09.2008
(22) 29.12.2007
(54) A METHOD FOR AVOIDING RESOURCES BEING RELEASED MISTAKENLY DURING A HANDOVER PROCESS
(73) ZTE Corporation
(72) ZHU, Jinguo
FANG, Min
ZONG, Zaifeng
YE, Minya
(31) 200710088239
200710097791
(32) 20.03.2007
29.04.2007
(33) China
China

(51) H04W 76/50
H04W 4/90
H04L 29/06
(11) EP2502431
(21) EP10773589.6
(47) 25.07.2018
(87) EP2010064715
19.05.2011
(22) 04.10.2010
(54) EMERGENCY SERVICE IN IMS NETWORK
(73) Nokia Solutions and Networks Oy
(72) VARGA, Jozsef
SZEMAN, Andras
PASZTOR, Andras
(31) PCT/EP2009/065247
(32) 16.11.2009
(33) World Intellectual Property Office (WIPO)

(51) H04W 84/18
H04W 52/02
(11) EP3207760
(21) EP15797726.5
(47) 25.07.2018
(87) US2015055813
21.04.2016
(22) 15.10.2015
(54) COMMUNICATION BETWEEN DEVICES OF A NEIGHBOR AWARE NETWORK
(73) Qualcomm Incorporated
(72) PATIL, Abhishek Pramod
ABRAHAM, Santosh Paul
CHERIAN, George
RAISSINIA, Alireza
CHO, James
FREDERIKS, Guido
(31) 201462064904 P
201562109530 P
201562205472 P
201514883469
(32) 16.10.2014
29.01.2015
14.08.2015
14.10.2015
(33) United States of America

United States of America
United States of America
United States of America

(51) H04W 88/06
H04W 24/08
H04W 48/18
H04W 36/14
(11) EP2929726
(21) EP12797945.8
(47) 25.07.2018
(87) EP2012074869
12.06.2014
(22) 07.12.2012
(54) METHOD AN APPARATUS FOR LOGGING INFORMATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) NYLANDER, Tomas
STÅLNACKE, Per-Daniel

(51) H04W 88/08
H04B 1/74
(11) EP2782415
(21) EP14172994.7
(47) 25.07.2018
(22) 26.10.2009
(54) Communication system, apparatus and method
(73) Huawei Technologies Co., Ltd.
(72) He, Yong
Ni, Hui
(31) 200810171577
200810176220
(32) 27.10.2008
14.11.2008
(33) China
China

(51) H05B 3/44
H05B 3/46
A24F 47/00
(11) EP3020292
(21) EP15194605.0
(47) 25.07.2018
(22) 13.11.2015
(54) ATOMIZING DEVICE AND ELECTRONIC CIGARETTE HAVING SAME
(73) Shenzhen First Union Technology Co., Ltd.
(72) LI, Yonghai
XU, Zhongli
HU, Shuyun
(31) 201420680673 U
(32) 14.11.2014
(33) China

(51) H05B 6/64
F24C 15/02
(11) EP2469178
(21) EP11194415.3
(47) 25.07.2018
(22) 20.12.2011
(54) Cooking oven
(73) BSH Hausgeräte GmbH
(72) Dengler, Klaus
de Vries, Markus
Kieslinger, Michael
Lappat, Hans
Lebacher, Rainer
Nitschke, Andreas
Roch, Klemens
Siebert, Sebastian
Sojer, Stefan
Stein, Thomas
(31) 102010064092
(32) 23.12.2010
(33) Germany

(51) H05B 33/08
(11) EP2503847
(21) EP12001523.5
(47) 25.07.2018
(22) 06.03.2012
(54) Lighting device and illumination apparatus
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) Naruo, Masahiro
(31) 2011064353
(32) 23.03.2011
(33) Japan

(51) H05B 33/08
(11) EP2186382
(21) EP08803855.9
(47) 25.07.2018
(87) EP2008061887
19.03.2009
(22) 08.09.2008
(54) METHOD AND DEVICE FOR ADJUSTING THE COLOR OR PHOTOMETRIC PROPERTIES OF AN LED ILLUMINATION DEVICE
(73) Arnold & Richter Cine Technik GmbH & Co. Betriebs KG
(72) KRÄMER, Regine
(31) 102007044556
(32) 07.09.2007
(33) Germany

(51) H05B 33/08
(11) EP2575411
(21) EP11182843.0
(47) 25.07.2018
(22) 27.09.2011
(54) LED driver with compensation of thermally induced colour drift
(73) Infineon Technologies AG
(72) Logiudice, Andrea

(51) H05B 33/08
H05B 33/12
(11) EP2904877
(21) EP13798739.2
(47) 25.07.2018
(87) IB2013058515
17.04.2014
(22) 13.09.2013
(54) METHODS AND APPARATUS FOR COMPENSATING A REMOVAL OF LEDS FROM AN LED ARRAY
(73) Philips Lighting Holding B.V.
(72) ALIAKSEYEU, Dzmitry Viktorovich
NEWTON, Philip Steven
ENGELEN, Dirk Valentinus René
DEKKER, Tim
(31) 201261710894 P
(32) 08.10.2012
(33) United States of America

(51) H05B 33/08
H05B 37/02
B61L 5/18
(11) EP3028546
(21) EP14759182.0
(47) 25.07.2018
(87) EP2014068850
26.03.2015
(22) 04.09.2014
(54) METHOD FOR SETTING AN LED SIGNAL TRANSMITTER IN TERMS OF DAY AND NIGHT MODE, AND LED SIGNAL TRANSMITTER
(73) Siemens Aktiengesellschaft
(72) ERET, Claus
(31) 102013218998
(32) 20.09.2013
(33) Germany

(51) H05B 37/02
(11) EP2786641
(21) EP12798245.2
(47) 25.07.2018
(87) EP2012073619
06.06.2013
(22) 26.11.2012
(54) MASTER ILLUMINATING DEVICE, ILLUMINATING DEVICE AND ILLUMINATION CONTROL SYSTEM
(73) LEDVANCE GmbH
(72) ZHUANG, Xihe
TJACO, Middel
LIN, Daxin
DAI, Xuewei
YE, Zesheng
(31) 201110385667
(32) 28.11.2011
(33) China

(51) H05B 37/02
(11) EP2923532
(21) EP13805591.8
(47) 25.07.2018
(87) IB2013060242
30.05.2014
(22) 19.11.2013
(54) SIGNAL-LEVEL BASED CONTROL OF POWER GRID LOAD SYSTEMS
(73) Philips Lighting Holding B.V.
(72) YSEBOODT, Lennart
WENDT, Matthias
BOEKE, Ulrich
(31) 201261729691 P
(32) 26.11.2012
(33) United States of America

(51) H05B 37/02
(11) EP2229802
(21) EP08857652.5
(47) 25.07.2018
(87) IB2008055025
11.06.2009
(22) 01.12.2008
(54) LIGHTING SYSTEM AND REMOTE CONTROL DEVICE AND CONTROL METHOD THEREFORE
(73) Philips Lighting Holding B.V.
(72) VAN DE SLUIS, Bartel, M.
FERI, Lorenzo
(31) 07122247
(32) 04.12.2007
(33) European Patent Office (EPO)

(51) H05B 37/02
A61B 90/35
H05B 33/08
H05B 35/00

F21W 131/20
(11) EP3202236
(21) EP15787567.5
(47) 25.07.2018
(87) EP2015074995
12.05.2016
(22) 28.10.2015
(54) SURGICAL LIGHT AND METHOD FOR OPERATING A SURGICAL LIGHT
(73) TRUMPF Medizin Systeme GmbH + Co. KG
(72) SCHMID, Michael
FRENZEL, Mathias
(31) 102014222793
(32) 07.11.2014
(33) Germany

(51) H05B 37/02
H05B 33/08
(11) EP2959750
(21) EP14705888.7
(47) 25.07.2018
(87) IB2014058893
28.08.2014
(22) 11.02.2014
(54) METHODS AND APPARATUS FOR CONTROLLING LIGHTING
(73) Philips Lighting Holding B.V.
(72) ALIAKSEYEU, Dzmitry Viktorovich
NEWTON, Philip Steven
VAN DE SLUIS, Bartel Marinus
CLOUT, Ramon Antoine Wiro
LASHINA, Tatiana Aleksandrovna
(31) 201361766369 P
(32) 19.02.2013
(33) United States of America

(51) H05H 1/34
B23K 10/00
(11) EP3174373
(21) EP16197093.4
(47) 25.07.2018
(22) 03.11.2016
(54) PLASMA ARC TORCH WITH TUNGSTEN ELECTRODE
(73) AIR LIQUIDE WELDING FRANCE
(72) RENAULT, Thierry
UHLIG, Peter
BOSELLI, Marco
COLOMBO, Vittorio
(31) 1561308
(32) 24.11.2015
(33) France

(51) H05H 1/50
F41H 13/00
H05H 1/48
(11) EP2926361
(21) EP12883678.0
(47) 25.07.2018
(87) US2012052492
06.03.2014
(22) 27.08.2012
(54) SYSTEM FOR PLASMA GENERATION
(73) JH Quantum Technology Inc.
(72) HUNT, Jack

(51) H05K 3/10
H05K 3/12
H05K 3/14
H05K 1/03
B05B 1/30
B05B 17/06
B05B 5/16
B05B 5/14
(11) EP2810541
(21) EP13743392.6
(47) 25.07.2018
(87) FI2013050098
08.08.2013
(22) 30.01.2013
(54) METHOD AND ARRANGEMENT FOR TRANSFERRING ELECTRICALLY CONDUCTIVE MATERIAL IN FLUID FORM ON A SUBSTRATE TO BE PRINTED
(73) Stora Enso Oyj
(72) MAIJALA, Juha
SIRVIÖ, Petri
(31) 20125088
(32) 30.01.2012
(33) Finland

(51) H05K 7/14
(11) EP2672795
(21) EP13169561.1
(47) 25.07.2018
(22) 28.05.2013
(54) MOVABLE LUGS AND ASSISTANCE DEVICE FOR REMOVING EQUIPMENT FROM RACK
(73) Tseng, Ching-Chao
(72) Chen, Ching-Sheng
(31) 101120412
(32) 07.06.2012
(33) Taiwan, Province of China

(51) H05K 7/14
H01R 4/34
H05K 7/00
H01F 27/29
(11) EP2876986
(21) EP14194554.3
(47) 25.07.2018
(22) 24.11.2014
(54) Housing, bobbin, and electronic device
(73) Delta Electronics (Shanghai) Co., Ltd.
(72) Lu, Xing-Xian
You, Pei-Ai
Liu, Gang
Zhang, Jin-Fa
(31) 201310613222
(32) 26.11.2013
(33) China

(51) H05K 7/14
H05K 5/00
(11) EP2614695
(21) EP11754373.6
(47) 25.07.2018
(87) EP2011065363
15.03.2012
(22) 06.09.2011
(54) CIRCUIT HOUSING HAVING A PRINTED CIRCUIT BOARD WHICH IS POSITIONED IN SAID CIRCUIT HOUSING BY MEANS OF POSITIONING ELEMENTS
(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(72) STÖHR, Rainer
REGN, Stefan
KAPTUR, Fabian
(31) 102010044909
(32) 09.09.2010
(33) Germany

(51) H05K 9/00
G02B 5/20
G06F 3/044
G06F 3/041
(11) EP2763519
(21) EP12836760.4
(47) 25.07.2018
(87) KR2012007801
04.04.2013
(22) 27.09.2012
(54) TRANSPARENT CONDUCTIVE SUBSTRATE AND METHOD FOR MANUFACTURING SAME
(73) LG Chem, Ltd.
(72) HWANG, Ji Young
CHOI, Hyeon
LEE, Seung Heon
KIM, Sujin
KIM, Ki-Hwan
(31) 20110097754
(32) 27.09.2011
(33) Korea (Republic)

(51) H05K 13/02
H05K 13/04
H05K 13/08
(11) EP3076777
(21) EP13898104.8
(47) 25.07.2018
(87) JP2013081751
04.06.2015
(22) 26.11.2013
(54) DEVICE FOR DETERMINING WHETHER OR NOT CARRIER TAPES CAN BE CONNECTED
(73) Fuji Machine Mfg. Co., Ltd.
(72) KATO, Daisuke

EP3

Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 (1, 6) van de Octrooiwet 1995.
Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

(51) A01B 76/00
A01C 7/00
A01C 17/00
(11) EP3078249
(21) EP16401021.7
(22) 24.03.2016
(54) DISTRIBUTION MACHINE, ESPECIALLY FOR AGRICULTURAL PURPOSES
(73) Amazonen-Werke H. Dreyer GmbH & Co. KG
(72) Wien, Thomas
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102015105032
(32) 01.04.2015
(33) Germany
(47) 02.05.2018

(51) A01D 42/00
A01B 71/00
E01H 1/05
E01H 5/09
(11) EP3079457
(21) EP14815226.7
(22) 06.11.2014
(54) DRIVE SYSTEM
(73) Lau, Andrew Manson
(72) Lau, Andrew Manson
(74) ir. W.J.J.M. Kempes
(31) 202013010073 U
(32) 06.11.2013
(33) Germany
(47) 04.04.2018

(51) A01D 45/00
A01G 1/04
(11) EP3081071
(21) EP16165038.7
(22) 13.04.2016
(54) SYSTEM FOR HARVESTING MUSHROOMS
(73) Pilzkulturen Wesjohann GbR
(72) Vogt, Christian
Kruse, Torben
(74) ir. H.J.G. Lips c.s.
(31) 102015105606
(32) 13.04.2015
(33) Germany
(47) 11.04.2018

(51) A01J 5/007
A01J 5/013
(11) EP2458975
(21) EP10740762.9
(22) 09.07.2010
(54) DEVICE, METHOD AND COMPUTER PROGRAM PRODUCT FOR MILKING ANIMALS
(73) Lely Patent N.V.
(72) VAN DER TOL, Patrick Philip Jacob
(74) ir. M.J.F.M. Corten
(31) 1037157
(32) 29.07.2009
(33) Netherlands
(47) 16.05.2018

(51) A01J 5/007
A01J 5/013
A01J 5/04
A01K 29/00
(11) EP3125678
(21) EP15715486.5
(22) 13.03.2015
(54) METHOD OF MANAGING DAIRY ANIMALS AND DEVICE FOR APPLYING SAID METHOD
(73) Lely Patent N.V.
(72) KOOL, Pieter Neelus
(74) ir. M.J.F.M. Corten
(31) 2012538
(32) 01.04.2014
(33) Netherlands
(47) 16.05.2018

(51) A01N 25/10
A01N 33/12
C09D 129/04
A01N 25/34
C08K 5/19
(11) EP1845774
(21) EP06704811.6
(22) 02.02.2006
(54) BIOSTATIC POLYMER
(73) Novapharm Research (Australia) Pty Ltd
(72) KRITZLER, Steven
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2005900444
(32) 02.02.2005
(33) Australia
(47) 11.04.2018

(51) A01N 43/78
A61K 31/425
(11) EP2498609
(21) EP10830879.2
(22) 15.11.2010
(54) SELECTIVE HETEROCYCLIC SPHINGOSINE 1 PHOSPHATE RECEPTOR MODULATORS
(73) Celgene International II Sàrl
(72) BOEHM, Marcus, F.
MARTINBOROUGH, Esther
BRAHMACHARY, Enugurthi
MOORJANI, Manisha
TAMIYA, Junko
HUANG, Liming
YEAGER, Adam, Richard
(74) ir. J.M.G. Dohmen c.s.
(31) 262474 P
261295 P
(32) 18.11.2009
13.11.2009
(33) United States of America
United States of America
(47) 18.04.2018

(51) A01N 43/82
A61K 31/41
A61K 31/426
A61K 31/427
A61K 45/06
A61K 31/4245
A61K 31/428
A61K 31/433
A61K 31/4439
A61K 31/497
A61K 31/538
C07D 417/04
C07D 417/06
C07D 277/28
C07D 277/64
C07D 277/60
C07D 417/12
C07D 277/34
(11) EP2385763
(21) EP10729682.4
(22) 12.01.2010
(54) METHODS FOR TREATING VASCULAR LEAK SYNDROME
(73) Aerpio Therapeutics, Inc.
(72) SHALWITZ, Robert
PETERS, Kevin Gene
(74) J.M.H. Duyver lic.
(31) 144022 P
184986 P
(32) 12.01.2009
08.06.2009
(33) United States of America
United States of America
(47) 18.04.2018

(51) A01N 59/00
A01N 59/04
F25D 3/10
A23B 7/04
A01G 7/02
(11) EP3028574
(21) EP14195968.4
(22) 02.12.2014
(54) Method for removing a flower of a plant
(73) L'AIR LIQUIDE, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(72) Otto, Wolfgang
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 30.05.2018

(51) A21D 13/16
A21D 6/00
A21D 8/06
(11) EP3110256
(21) EP15709626.4
(22) 25.02.2015
(54) PROCESS FOR PRODUCING A FOOD BASED ON LEAVENED DOUGH,

LEAVENED PUFF PASTRY DOUGH OR PUFF PASTRY DOUGH
(73) Vamix N.V.
(72) DOUAIRE, Philippe
DE LAPORTE, André
(74) dr. A. Ellens c.s.
(31) 1451541
(32) 26.02.2014
(33) France
(47) 02.05.2018

(51) A22C 11/00
B65B 19/34
B65B 35/24
B65B 35/36
B65B 35/44
B65B 43/52
B65G 47/08
B65G 47/52
B65G 47/06
B65G 47/84
B65B 5/06
B25J 11/00
B25J 9/00
B25J 15/10
B25J 15/02
B65B 35/46
B25J 15/00
B65G 17/12
B65G 47/22
B65G 47/32
B65G 47/90
B65G 47/14
(11) EP3153025
(21) EP16185676.0
(22) 25.08.2016
(54) DEVICE FOR TREATING INDIVIDUAL SAUSAGES
(73) Singer & Sohn GmbH
(72) SINGER, Manfred
KOLLER, Dieter
(74) ir. W.J.J.M. Kempes
(31) 202015104994 U
(32) 21.09.2015
(33) Germany
(47) 18.04.2018

(51) A23C 9/12
A23C 9/123
C12N 1/20
G01N 33/569
(11) EP3027035
(21) EP14747612.1
(22) 31.07.2014
(54) GLUCOSE SECRETING LACTIC ACID BACTERIA STRAINS
(73) Tine SA
(72) KLINKENBERG, Geir
HOLO, Helge
ØYAAS, Jorun
(74) dr. A. Krebs
(31) 20131054
(32) 31.07.2013
(33) Norway
(47) 11.04.2018

(51) A23F 3/16
(11) EP3277094
(21) EP16709014.1
(22) 07.03.2016
(54) TEA-BASED BEVERAGE
(73) Unilever NV
(72) MARINOV, George, Simeonov
MITCHELL, John, Turner
YAKUBOV, Gleb
(74) dr. C.W.R. Mulder c.s.
(31) 15161832
(32) 31.03.2015
(33) European Patent Office (EPO)
(47) 09.05.2018

(51) A23G 1/02
A23G 1/00
(11) EP2670252
(21) EP12704730.6
(22) 31.01.2012
(54) COCOA SENSORY CHARACTERISTICS
(73) Barry Callebaut AG
(72) BERNAERT, Herwig
CAMU, Nicholas
LOHMÜLLER, Tobias
(74) dr. A. Ellens c.s.
(31) 11152791
201113017627
(32) 31.01.2011
31.01.2011
(33) European Patent Office (EPO)
United States of America
(47) 02.05.2018

(51) A23G 3/54
A23G 4/20
A23G 1/54
A23L 29/212
A23L 5/40
A23L 27/60
(11) EP2385766
(21) EP09797054.5
(22) 28.12.2009
(54) A COMPOSITION COMPRISING CALCIUM CARBONATE AS A WHITE PIGMENT
(73) Chr. Hansen Natural Colors A/S
(72) KOEHLER, Klaus
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 09000088
(32) 07.01.2009
(33) European Patent Office (EPO)
(47) 18.04.2018

(51) A23G 4/06
(11) EP2967114
(21) EP14713269.0
(22) 11.03.2014
(54) METHOD FOR IMPROVING THE ORGANOLEPTIC PROPERTIES OF SORBITOL-BASED SUGAR-FREE CHEWING GUM
(73) Tereos Starch & Sweeteners Belgium
(72) CAMUEL, Nadia
BENSOUISSI, Adbelfattah
(74) J.M.H. Duyver lic.
(31) 1300549
(32) 12.03.2013
(33) France
(47) 02.05.2018

(51) A23L 7/10
A61K 35/744
A61K 35/745
A61K 35/00
A23L 7/104
A23L 33/135
A23L 33/21
(11) EP2068648
(21) EP07834910.7
(22) 04.10.2007
(54) PRE-FERMENTED SYMBIOTIC MATRIX BASED ON A CEREAL SUSPENSION WITH ENCAPSULATED PROBIOTICS, MANUFACTURE PROCESS AND CORRESPONDING UTI LIZATION
(73) Escola Superior De Biotecnologia
Patrício De Oliveira Fernandes Inácio, Joana M.
Moreira Da Costa Franco, Maria Isabel
(72) PATRÍCIO DE OLIVEIRA FERNANDES INÁCIO, Joana M.
MOREIRA DA COSTA FRANCO, Maria Isabel
DELGADO DOMINGOS ANTUNES MALCATA, Francisco Xavier
PEREIRA GOMES, Ana Maria
(31) 10358206
(32) 06.10.2006
(33) Portugal
(47) 11.04.2018

(51) A23L 27/26
(11) EP3060072
(21) EP13895809.5
(22) 21.10.2013
(54) FAT ACTIVATION WITH SEAWEED
(73) Nestec S.A.
(72) QIN, Lan
KONG, Shuhua
(74) ir. F.A. Geurts c.s.
(47) 25.04.2018

(51) A24C 5/34
G01N 21/88
G01N 21/952
(11) EP2918180
(21) EP15154819.5
(22) 12.02.2015
(54) Optical inspection of rod-shaped articles from the tobacco processing industry
(73) Hauni Maschinenbau GmbH
(72) El Jarad, Akram
Drews, Ingo
Gast, Hanno
(74) ir. F.A. Geurts c.s.
(31) 102014203158
(32) 21.02.2014
(33) Germany
(47) 04.04.2018

(51) A24C 5/34
G01N 22/04
A24D 3/02
(11) EP2762015
(21) EP14150214.6
(22) 06.01.2014
(54) Assembly and method for examining rod-shaped articles from the tobacco processing industry
(73) Hauni Maschinenbau GmbH
(72) Kirchenstein, Robert
Hebels, Albert-Berend
Leifels, Tobias
Hohenstein, Norbert
Baron, Denis
(74) ir. F.A. Geurts c.s.
(31) 102013201511

(32) 30.01.2013
(33) Germany
(47) 18.04.2018

(51) A24C 5/354
(11) EP2848134
(21) EP14184038.9
(22) 09.09.2014
(54) Apparatus and method for filling trays with rod-shaped smokers' articles
(73) G.D S.p.A.
(72) Esposti, Marco
Sartoni, Massimo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) BO20130487
(32) 12.09.2013
(33) Italy
(47) 25.04.2018

(51) A24D 1/02
A24D 3/06
A24D 3/04
A24C 5/56
(11) EP2464251
(21) EP10742542.3
(22) 05.08.2010
(54) CIGARETTE FILTER
(73) Innovia Films Limited
(72) WATTERS, Paul
MARSHALL, Colin
(74) ir. C.M. Jansen c.s.
(31) 0914250
201011993
(32) 14.08.2009
16.07.2010
(33) United Kingdom
United Kingdom
(47) 28.03.2018

(51) A24F 47/00
H01M 2/10
(11) EP2850955
(21) EP14178669.9
(22) 26.07.2014
(54) Battery assembly and electronic cigarette having same
(73) Shenzhen First Union Technology Co., Ltd.
(72) Li, Yonghai
Xu, Zhongli
(31) 201320588244 U
(32) 24.09.2013
(33) China
(47) 25.04.2018

(51) A24F 47/00
H05B 3/04
(11) EP2891415
(21) EP14197259.6
(22) 10.12.2014
(54) Atomizer and electronic cigarette having same
(73) Shenzhen First Union Technology Co., Ltd.
(72) Li, Yonghai
Xu, Zhongli
Song, Laizhi
Liao, Jianbing
(31) 201320815564 U
(32) 13.12.2013
(33) China
(47) 25.04.2018

(51) A41D 13/11
B65H 51/20
B65H 51/30
B21D 43/28
(11) EP3177161
(21) EP15788275.4
(22) 16.10.2015
(54) METHOD FOR CUTTING AND PLACING NOSE WIRES IN A FACEMASK MANUFACTURING PROCESS
(73) Avent, Inc.
(72) HOUDE, Ajay Y.
HARRINGTON, David Lamar
PAMPERIN, Mark Thomas
HARRIS, Nathan Craig
WEBER, Joseph P.
(74) mr. ir. J. van Breda c.s.
(47) 11.04.2018

(51) A43B 3/04
A43B 23/04
A43B 11/00
(11) EP2320761
(21) EP09805349.9
(22) 23.07.2009
(54) FOOTWEAR WITH EXPANDABLE ENTRY AND EXIT FEATURE
(73) Ariat International, Inc.
(72) DAVIS, Russell, L.
COJUANGCO, Danielle, S.
(74) dr. A. Krebs
(31) 187163
(32) 06.08.2008
(33) United States of America
(47) 18.04.2018

(51) A43B 13/18
A43B 7/06
A43B 13/14
A43B 13/22
(11) EP3058837
(21) EP13895712.1
(22) 18.10.2013
(54) SOLE WITH DOUBLE CUSHIONING
(73) Desarrollo Integral Del Molde, S.L.
(72) IZQUIETA ANAUT, José María
(74) ir. C.M. Jansen c.s.
(47) 18.04.2018

(51) A45F 3/14
F41H 1/02
A41D 31/00
A41D 1/04
A45F 5/02
(11) EP2974610
(21) EP15176371.1
(22) 12.07.2015
(54) SYSTEM FOR FIXING OBJECT TO A BEARING SURFACE
(73) Cisar, Zdenek
(72) Cisar, Zdenek
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140497
(32) 17.07.2014
(33) Czech Republic
(47) 04.04.2018

(51) A47B 21/06
H02G 3/04
(11) EP2674066
(21) EP13171201.0
(22) 10.06.2013
(54) Cable tray for a table
(73) König + Neurath AG
(72) Jürgen, Rauch
Cornelius, Müller-Schellhorn
(74) ir. F.A. Geurts c.s.
(31) 102012105002
(32) 11.06.2012
(33) Germany
(47) 25.04.2018

(51) A47B 91/16
(11) EP2978342
(21) EP14719810.5
(22) 25.03.2014
(54) TABLE
(73) Taylor, Philip
(72) Taylor, Philip
(74) ir. C.M. Jansen c.s.
(31) 201305364
(32) 25.03.2013
(33) United Kingdom
(47) 04.04.2018

(51) A47B 96/20
B32B 3/12
E04C 2/36
B27D 5/00
F16B 5/01
(11) EP2912970
(21) EP15153737.0
(22) 04.02.2015
(54) Lightweight panel and manufacturing method
(73) Ebbinghaus, Heinrich
(72) Ebbinghaus, Heinrich
(74) ir. F.E. Hoeben
(31) 102014101600
(32) 10.02.2014
(33) Germany
(47) 04.04.2018

(51) A47C 21/04
B62D 33/06
(11) EP3075282
(21) EP16000732.4
(22) 30.03.2016
(54) LOUNGER IN A DRIVER'S CAB OF A COMMERCIAL VEHICLE
(73) MAN Truck & Bus AG
(72) Gündogdu, Oguzhan
Siflinger, Markus
(74) ir. J.M.G. Dohmen c.s.
(31) 102015004217
(32) 31.03.2015
(33) Germany
(47) 23.05.2018

(51) A47C 27/14
A47C 27/15
A47C 27/00
(11) EP2954802
(21) EP14748955.3
(22) 08.02.2014
(54) MATTRESS STRUCTURE AND METHOD OF USING TECHNICAL FEATURE THEREOF TO HELP USER TO LEARN ABOUT USE OF MATTRESS STRUCTURE AND DETERMINE WHETHER USER CAN ADJUST TO MATTRESS STRUCTURE
(73) Glorious Master Limited
(72) HUI, Cheung Wing
(74) ir. W.J.J.M. Kempes
(31) 13101804

201310050645
(32) 08.02.2013
08.02.2013
(33) Hong Kong
China
(47) 04.04.2018

(51) A47F 3/04
F25D 25/02
(11) EP2101617
(21) EP06829865.2
(22) 22.12.2006
(54) A FURNITURE FOR DISPLAYING GOODS ON SALE
(73) Carrier Corporation
(72) VINZ, Sascha
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 11.04.2018

(51) A47K 1/04
A47K 1/06
(11) EP2931099
(21) EP13811011.9
(22) 04.12.2013
(54) APPARATUS SECURING A LINER TO A BASIN FOR WASHING A PATIENT
(73) CMC Hygea Limited
(72) MALONE, Michael
CLONEY, Michael
CAMBIE, Anita
(74) ir. H.V. Mertens c.s.
(31) 20120524
20130339
(32) 04.12.2012
05.11.2013
(33) Ireland
Ireland
(47) 25.04.2018

(51) A47K 10/48
(11) EP2809214
(21) EP13708196.4
(22) 01.02.2013
(54) HAND-DRYER DEVICE HAVING PROXIMITY SENSOR
(73) J.V.D. S.A.S.
(72) DE BARBEYRAC, Olivier
DE RUSSE, Jean-Guy
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1250988
(32) 02.02.2012
(33) France
(47) 04.04.2018

(51) A47L 13/46
A47L 13/256
A47L 11/33
A47L 13/44
A47L 13/20
A47L 11/40
(11) EP3024372
(21) EP14742419.6
(22) 30.06.2014
(54) FLOOR CLEANING DEVICE HAVING A SOLE PLATE TO REMOVABLY RECEIVE A CLEANING SHEET THEREON
(73) The Procter & Gamble Company
(72) POLICICCHIO, Nicola, John
BRADBURY, Glenn, Allen
(31) 201313947501
201414250907
(32) 22.07.2013
11.04.2014
(33) United States of America
United States of America
(47) 25.04.2018

(51) A61B 1/00
(11) EP3024374
(21) EP14741617.6
(22) 21.07.2014
(54) SEALING COMPONENT FOR AN ENDOSCOPE CONNECTOR
(73) Digital Endoscopy GmbH
(72) RILLI, Christoph
(74) ir. J.M.G. Dohmen c.s.
(31) 102013214278
(32) 22.07.2013
(33) Germany
(47) 23.05.2018

(51) A61B 1/00
G06T 7/00
A61B 34/10
(11) EP2956046
(21) EP14752137.1
(22) 18.02.2014
(54) COMPUTER SYSTEM TO DIGITALLY QUANTIFY ALIGNMENT AND PLACEMENT PARAMETERS IN A MUSCULOSKELETAL APPLICATION
(73) OrthoGrid Systems S.a.r.l.
(72) KUBIAK, Erik, Noble
GILILLAND, Jeremy
BODDINGTON, Richard
SAGET, Edouard
LOUIS, Steven, Samuel
(74) J.M.H. Duyver lic.
(31) 201361765940 P
(32) 18.02.2013
(33) United States of America
(47) 09.05.2018

(51) A61B 5/055
A61B 5/00
G01R 33/385
(11) EP2710954
(21) EP13179925.6
(22) 09.08.2013
(54) Magnetic resonance imaging (mri) apparatus and control method thereof
(73) Samsung Electronics Co., Ltd.
(72) Kang, Jeong A
Oh, Keum Yong
Choi, I Hwa
(74) ir. P.J. Hylarides c.s.
(31) 20120106814
(32) 25.09.2012
(33) Korea (Republic)
(47) 04.04.2018

(51) A61B 10/02
(11) EP3086715
(21) EP15778127.9
(22) 24.09.2015
(54) BIOPSY DEVICE WITH ASPIRATION VALVE
(73) Hologic Inc.
(72) WOLTON, Peter
ROBERTSON, Daniel
FISK, Thomas
STAND III, Joseph, A.
ULM, Christian, M.
PIERCE, Carl
(74) ir. W.J.J.M. Kempes
(31) 201462055338 P
(32) 25.09.2014
(33) United States of America
(47) 04.04.2018

(51) A61B 17/00
A61B 34/30
A61B 17/29
(11) EP3027139
(21) EP15762947.8
(22) 27.08.2015
(54) TORQUE-TRANSMITTING STEERING MECHANISM FOR A STEERABLE TOOL
(73) Steerable Instruments nv
(72) DEWAELE, Frank
MABILDE, Cyriel
BLANCKAERT, Bart
KALMAR, Alain
MAENE, Lieven
(74) dr. A. Ellens c.s.
(31) 14182381
(32) 27.08.2014
(33) European Patent Office (EPO)
(47) 16.05.2018

(51) A61B 17/56
A61F 2/08
(11) EP2781197
(21) EP14164658.8
(22) 27.08.2010
(54) Apparatus for force redistribution in articular joints
(73) Cotera, Inc.
(72) Shenoy, Vivek
Deem, Mark
Gifford, Hanson
(74) mr. ir. J. van Breda c.s.
(31) 237518 P
288692 P
(32) 27.08.2009
21.12.2009
(33) United States of America
United States of America
(47) 04.04.2018

(51) A61B 17/70
A61F 2/44
A61B 17/02
(11) EP2908748
(21) EP13828809.7
(22) 21.10.2013
(54) VERTEBRAL FUSION DEVICE AND SYSTEM
(73) Petrini, Piero
G & G S.r.l.
Tsunami S.r.L.
Innocenzi, Gualtiero
(72) GUIZZARDI, Giancarlo
PETRINI, Piero
(74) dr. A. Krebs
(31) PI20120106
(32) 19.10.2012
(33) Italy
(47) 04.04.2018

(51) A61B 17/80
(11) EP3062718
(21) EP14771754.0
(22) 04.09.2014
(54) OSTEOTOMY IMPLANT

(73) Rios Medical AG
Ignite-concepts GmbH
(72) PAVLOV, Paul
OVERES, Tom
(74) drs. C.M.A. Quintelier
(31) 18452013
(32) 03.11.2013
(33) Switzerland
(47) 30.05.2018

(51) A61B 18/20
(11) EP2531135
(21) EP11709207.2
(22) 28.01.2011
(54) DEVICE FOR TREATMENT OF A VAGINAL CANAL
(73) EL.EN. S.p.A.
(72) GALLI, Mauro
(74) ir. C.M. Jansen c.s.
(31) FI20100015
(32) 04.02.2010
(33) Italy
(47) 04.04.2018

(51) A61C 13/00
A61C 7/00
(11) EP2845564
(21) EP14180790.9
(22) 13.08.2014
(54) Computer-implemented method of generating a 3D data model of the jaw of a patient
(73) CA DIGITAL GmbH
(72) Hofmann, Michael
Aichinger, Florian
(74) J.M.H. Duyver lic.
(31) 102013217676
(32) 04.09.2013
(33) Germany
(47) 09.05.2018

(51) A61F 2/07
(11) EP2301476
(21) EP10172736.0
(22) 13.08.2010
(54) Stent-graft suture locks
(73) Cordis Corporation
(72) Majercak, David Christopher
Qiu, Yuchen
(74) ir. C.M. Jansen c.s.
(31) 565790
(32) 24.09.2009
(33) United States of America
(47) 17.05.2017

(51) A61F 2/24
(11) EP2943157
(21) EP14701852.7
(22) 07.01.2014
(54) VALVE PROSTHESIS AND METHOD FOR DELIVERY
(73) Medtronic Inc.
(72) KOVALSKY, Igor
HARITON, Ilia
TUVAL, Yossi
YELLIN, Nadav
(74) J.M.H. Duyver lic.
(31) 201313736494
(32) 08.01.2013
(33) United States of America
(47) 02.05.2018

(51) A61F 2/24
C22F 1/10
(11) EP2967868
(21) EP14775609.2
(22) 26.02.2014
(54) MULTI-STRANDED HEAT SET ANNULOPLASTY RINGS
(73) Edwards Lifesciences Corporation
(72) MIGLIAZZA, John F.
DE PAULIS, Ruggero
(74) ir. F.A. Geurts c.s.
(31) 201361784010 P
201414189842
(32) 14.03.2013
25.02.2014
(33) United States of America
United States of America
(47) 11.04.2018

(51) A61F 2/46
A61F 2/40
A61B 17/15
A61B 17/16
A61B 17/17
(11) EP3146940
(21) EP16191163.1
(22) 14.03.2013
(54) A SURGICAL INSTRUMENT IMPLANTING A HUMERAL COMPONENT
(73) DePuy Synthes Products, Inc.
(72) JENSEN, Kirk L
IANNOTTI, Joseph P
ZANCHIN, Laurent
EKELUND, Anders
STONE, Matthew T
LEWIS, Jeremiah M
ANTHONY, Sarah
LONG, Jack F
PONCET, Didier
WARLOP, David M
LAWRENCE, Chad
LUBENSKY, Scott A
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261618385 P
201261618389 P
(32) 30.03.2012
30.03.2012
(33) United States of America
United States of America
(47) 02.05.2018

(51) A61F 9/007
(11) EP3110376
(21) EP15711057.8
(22) 23.02.2015
(54) GLAUCOMA DRAINAGE IMPLANT
(73) Universität Rostock
(72) SIEWERT, Stefan
LUDERER, Frank
SCHMIDT, Wolfram
LÖBLER, Marian
GUTHOFF, Rudolf
STERNBERG, Katrin
SCHMITZ, Klaus-Peter
(74) ir. H.J.G. Lips c.s.
(31) 102014102457
(32) 25.02.2014
(33) Germany
(47) 04.04.2018

(51) A61G 5/04
(11) EP3173056
(21) EP17151206.4
(22) 03.02.2016
(54) AUXILIARY WHEELCHAIR STEERING DEVICE AND WHEELCHAIR FITTED WITH SUCH DEVICE
(73) Alber GmbH
(72) Birmanns, Thomas
(74) mr. ir. J. van Breda c.s.
(31) 102015101612
(32) 04.02.2015
(33) Germany
(47) 11.04.2018

(51) A61G 7/018
G06F 19/00
(11) EP2424483
(21) EP10721942.0
(22) 03.05.2010
(54) BED
(73) Linak A/S
(72) BRØNDUM, Peter
(74) ir. C.M. Jansen c.s.
(31) 200900568
(32) 01.05.2009
(33) Denmark
(47) 18.04.2018

(51) A61J 1/00
B65D 1/28
(11) EP3110389
(21) EP15715407.1
(22) 23.02.2015
(54) SINGLE-DOSE BOTTLE AND RELATIVE IMPROVED MEASURING CAP
(73) MONTEFARMACO OTC S.p.A.
(72) FROSIO, Angela
(74) ir. H.V. Mertens c.s.
(31) MI20140270
(32) 24.02.2014
(33) Italy
(47) 11.04.2018

(51) A61K 8/35
A61K 8/49
A61Q 17/04
(11) EP2905012
(21) EP15152074.9
(22) 22.01.2015
(54) Octocrylene-free sunscreen with low adhesion
(73) Beiersdorf AG
(72) Schade, Tatjana
Skubsch, Kerstin
Brinkmann, Sina
Bleckmann, Andreas
Schlenker, David
(74) ir. F.A. Geurts c.s.
(31) 102014201541
(32) 29.01.2014
(33) Germany
(47) 18.04.2018

(51) A61K 8/64
A61Q 19/00
(11) EP2405888
(21) EP10713868.7
(22) 09.03.2010
(54) SKIN CARE PRODUCT
(73) Alfa Biogene International B.V.
(72) Seifarth, Federico G.
Lax, Julia

(74) ir. C.M. Jansen c.s.
(31) 09154799
(32) 10.03.2009
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) A61K 8/99
A61Q 11/00
A61K 36/05
A61K 8/97
A23G 3/48
A23G 3/38
A61P 1/02
A23G 3/00
(11) EP2285344
(21) EP09757716.7
(22) 11.05.2009
(54) SWEET CONTAINING ALGAE FOR THE PREVENTION OF ORO-DENTAL INFECTIONS
(73) Roquette Frères
(72) RIBADEAU-DUMAS, Guillaume
(74) J.M.H. Duyver lic.
(31) 0853128
(32) 14.05.2008
(33) France
(47) 18.04.2018

(51) A61K 9/00
A61K 9/06
A61K 31/167
A61K 8/73
(11) EP3049055
(21) EP14777521.7
(22) 26.09.2014
(54) METHOD FOR OBTAINING AN INJECTABLE HYDROGEL BASED ON HYALURONIC ACID CONTAINING LIDOCAINE ADDED IN POWDER FORM, AND AN ALKALINE AGENT, STERILIZED WITH HEAT
(73) ANTEIS S.A.
(72) GAVARD, Samuel
(74) dr. W.A.H.M. Van Borm
(31) 1359338
(32) 27.09.2013
(33) France
(47) 25.04.2018

(51) A61K 9/00
A61K 9/08
A61K 47/10
A61K 47/26
A61K 38/26
A61K 38/28
A61K 38/22
(11) EP2571517
(21) EP11720115.2
(22) 18.05.2011
(54) LONG - ACTING FORMULATIONS OF INSULINS
(73) SANOFI
(72) BECKER, Reinhard
FRICK, Annke
BODERKE, Peter
FUERST, Christiane
MUELLER, Werner
TERTSCH, Katrin
WERNER, Ulrich
LOOS, Petra
SCHOETTLE, Isabell
(74) ir. W.J.J.M. Kempes
(31) 11305140
10305780
10305532
(32) 10.02.2011
13.07.2010
19.05.2010
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
(47) 04.04.2018

(51) A61K 9/00
A61K 38/28
A61K 38/26
A61K 47/10
A61K 47/26
A61K 38/22
(11) EP2781212
(21) EP14166877.2
(22) 17.05.2011
(54) Long-acting formulations of insulins
(73) SANOFI
(72) Becker, Reinhard
Hahn, Annke
Boderke, Peter
Fuerst, Christiane
Mueller, Werner
Tertsch, Katrin
Werner, Ulrich
Loos, Petra
(74) ir. W.J.J.M. Kempes
(31) 10305532
10305780
11305140
(32) 19.05.2010
13.07.2010
10.02.2011
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
(47) 04.04.2018

(51) A61K 9/00
A61K 38/31
A61K 9/19
A61K 47/12
(11) EP2523653
(21) EP11701938.0
(22) 11.01.2011
(54) PROCESS FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITIONS FOR THE SUSTAINED RELEASE OF SOMATOSTATIN ANALOGS
(73) IPSEN PHARMA S.A.S.
(72) MONTES, Martin
LOUGHMAN, Thomas Ciaran
ROUME, Chantal
CHERIF-CHEIKH, Roland
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 294644 P
(32) 13.01.2010
(33) United States of America
(47) 11.04.2018

(51) A61K 9/14
A61K 47/60
A61K 31/5025
A61K 47/69
A61K 9/51
(11) EP2968153
(21) EP14722412.5
(22) 12.03.2014
(54) NANOPARTICULATE AND MACROPARTICULATE FORMULATIONS
(73) Cephalon, Inc.
(72) BROWN, Peter, D.
DRAGER, Anthony, S.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361776964 P
(32) 12.03.2013
(33) United States of America
(47) 02.05.2018

(51) A61K 9/48
A61K 47/10
A61K 47/12
(11) EP2269591
(21) EP10177365.3
(22) 01.12.2000
(54) IMPROVED PHARMACEUTICAL FORMULATIONS
(73) AbbVie Inc.
(72) Alani, Laman
Ghosh, Soumojeet
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 487739
(32) 19.01.2000
(33) United States of America
(47) 04.04.2018

(51) A61K 31/137
A61K 31/138
A61K 31/185
A61K 31/195
A61K 31/42
A61K 31/64
A61P 25/16
A61P 25/28
A61P 25/00
A61K 31/145
A61K 31/164
A61K 31/44
A61K 31/445
A61K 9/20
A61K 31/428
(11) EP2796132
(21) EP13196468.6
(22) 01.03.2012
(54) Baclofen and acamprosate based therapy of neurological disorders
(73) Pharnext
(72) Cohen, Daniel
Chumakov, Ilya
Nabirochkin, Serguei
Vial, Emmanuel
Guedj, Mickaël
(74) J.M.H. Duyver lic.
(31) 11305217
201161468658 P
11305687
201161493606 P
(32) 01.03.2011
29.03.2011
06.06.2011
06.06.2011
(33) European Patent Office (EPO)
United States of America
European Patent Office (EPO)
United States of America

(47) 02.05.2018
(51) A61K 31/17
A61K 31/4164
A61K 31/4168
A61K 31/4178
A61K 31/421
A61P 1/00
A61P 3/10
A61P 7/06
A61P 11/06
A61P 17/00
A61P 17/06
A61P 19/02
A61P 25/02
A61P 37/00
(11) EP2605771
(21) EP11751717.7
(22) 11.08.2011
(54) METHOD OF ACTIVATING REGULATORY T CELLS WITH ALPHA-2B ADRENERGIC RECEPTOR AGONISTS
(73) ALLERGAN, INC.
(72) GIL, Daniel W.
DONELLO, John E.
LUHRS, Lauren M.B.
VISWANATH, Veena
(74) J.M.H. Duyver lic.
(31) 374124 P
(32) 16.08.2010
(33) United States of America
(47) 04.04.2018

(51) A61K 31/4025
A61K 31/4709
A61K 31/506
A61K 31/55
A61P 9/10
A61P 3/06
(11) EP2729142
(21) EP12750616.0
(22) 06.07.2012
(54) METHOD OF TREATING ATHEROSCLEROSIS IN HIGH TRIGLYCERIDE SUBJECTS
(73) Novartis AG
(72) ARAI, Yoshie
BROUSSEAU, Margaret Elizabeth
GU, Jessie
HAYASHI, Tomoko
MITANI, Hironobu
MOGI, Muneto
NONOMURA, Kazuhiko
YAMADA, Ken
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161505584 P
201261657061 P
(32) 08.07.2011
08.06.2012
(33) United States of America
United States of America
(47) 09.05.2018

(51) A61K 31/4164
A61P 33/02
(11) EP2950795
(21) EP14705908.3
(22) 31.01.2014
(54) METHOD FOR TREATING AND CURING LEISHMANIOSIS USING FEXININDAZOLE
(73) Merial, Inc.
(72) POLLMEIER, Matthias
BLAIR, Jeffrey, Jynn
(74) ir. C.M. Jansen c.s.
(31) 201361758918 P
(32) 31.01.2013
(33) United States of America
(47) 25.04.2018

(51) A61K 31/421
A61K 31/422
A61K 31/426
A61K 31/427
C07D 263/40
C07D 263/48
C07D 277/34
C07D 277/42
C07D 277/56
C07D 417/02
C07D 413/02
C07D 403/02
A61P 29/00
A61K 31/4245
A61K 31/4439
A61K 31/472
C07D 417/04
C07D 417/10
C07D 417/12
C07D 263/42
C07D 413/04
(11) EP2793883
(21) EP12812229.8
(22) 19.12.2012
(54) TRPM8 ANTAGONISTS
(73) Dompé farmaceutici s.p.a.
(72) MORICONI, Alessio
BIANCHINI, Gianluca
COLAGIOIA, Sandro
BRANDOLINI, Laura
ARAMINI, Andrea
LIBERATI, Chiara
BOVOLENTA, Silvia
(74) ir. H.Th. van den Heuvel c.s.
(31) 11194365
12178327
(32) 19.12.2011
27.07.2012
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 18.04.2018

(51) A61K 31/4745
C07D 471/04
C07D 417/04
C07D 487/04
C07D 277/30
A61P 35/00
(11) EP3038622
(21) EP14839213.7
(22) 28.08.2014
(54) HETEROCYCLIC COMPOUNDS AND METHODS OF USE
(73) Medivation Technologies LLC
(72) CHAKRAVARTY, Sarvajit
RAI, Roopa
PHAM, Son Minh
PUJALA, Brahmam
JANGIR, Ramniwas
GUGULOTH, Rambabu
SHARMA, Vijay Kumar
(74) J.M.H. Duyver lic.
(47) 30.05.2018

(51) A61K 31/716
A61P 11/00
(11) EP3072518
(21) EP16165948.7
(22) 29.09.2008
(54) B-GLUCAN TREATMENT OF UPPER RESPIRATORY TRACT INFECTION SYMPTOMS AND PSYCHOLOGICAL WELL-BEING
(73) Biothera, Inc.
(72) COX, Donald
TALBOT, Steven
(74) ir. H.J.G. Lips c.s.
(31) 975734 P
(32) 27.09.2007
(33) United States of America
(47) 09.05.2018

(51) A61K 31/722
A61K 31/724
A61K 36/33
A61K 31/732
A23L 33/21
A23L 33/22
A23L 33/24
A23L 33/28
A61K 45/06
A61K 31/715
(11) EP2568827
(21) EP11727807.7
(22) 13.05.2011
(54) COMPOSITION FOR REDUCING ABSORPTION OF DIETARY FAT
(73) Omega Pharma Innovation & Development NV
(72) CHONG, Pee Win
HAFNER, Thomas
PUSKAS, Istvan
(74) ir. C.G.C. Veldman-Dijkers
(31) 389732 P
PI2010002277
(32) 05.10.2010
14.05.2010
(33) United States of America
Malaysia
(47) 25.04.2018

(51) A61K 35/38
A61K 35/74
A61P 1/00
A61K 9/00
(11) EP3003330
(21) EP14742388.3
(22) 04.06.2014
(54) MICROBIOTA RESTORATION THERAPY (MRT), COMPOSITIONS AND METHODS OF MANUFACTURE
(73) Rebiotix, Inc.
(72) JONES, Lee A.
JONES, Courtney R.
HLAVKA, Edwin J.
GORDON, Ryan D.
(74) ir. A.R. Aalbers
(31) 201361831409 P
(32) 05.06.2013

(33) United States of America
(47) 09.05.2018

(51) A61K 38/16
A61K 31/4745
A61P 17/00
A61P 17/02
A61P 17/06
A61P 17/10
A61P 17/12
A61K 38/01
A61K 8/49
A61K 8/64
A61Q 19/06
A61Q 19/00
A61K 31/437
(11) EP2928485
(21) EP13801588.8
(22) 06.12.2013
(54) HSP FOR USE IN TREATMENT FOR IMIQUIMOD RELATED SIDE EFFECTS
(73) Alfa Biogene International B.V.
(72) SEIFARTH, Federico G.
LAX, Julia
(74) ir. C.M. Jansen c.s.
(31) 201261734428 P
(32) 07.12.2012
(33) United States of America
(47) 04.04.2018

(51) A61K 38/17
A61K 9/19
A61K 38/42
A61K 47/22
A61K 47/26
A61K 35/62
(11) EP2854835
(21) EP13730039.8
(22) 05.06.2013
(54) ANNELID HAEMOGLOBIN LYOPHILISATION PROCESS
(73) Hemarina
(72) ZAL, Franck
ROUSSELOT, Morgane
(74) ir. A.R. Aalbers
(31) 1255204
(32) 05.06.2012
(33) France
(47) 04.04.2018

(51) A61K 38/17
C07K 14/705
A61P 35/00
A61P 27/00
A61P 9/10
(11) EP2593127
(21) EP11738546.8
(22) 13.07.2011
(54) ANTI-ANGIOGENIC AGENT AND METHOD OF USING SUCH AGENT
(73) Georgia State University Research Foundation
(72) LIU, Zhi-Ren
YANG, Jenny J.
LU, Yin
(74) dr. W.A.H.M. Van Borm
(31) 363933 P
(32) 13.07.2010
(33) United States of America
(47) 30.05.2018

(51) A61K 38/28
A61K 38/26
A61P 3/10
A61K 47/10
A61K 47/18
A61K 9/00
(11) EP2554183
(21) EP12190525.1
(22) 11.11.2010
(54) Pharmaceutical composition comprising a GLP-1-agonist, an insulin, and methionine
(73) Sanofi-Aventis Deutschland GmbH
(72) Hagendorf, Annika
Hauck, Gerrit
Müller, Werner
Schoettle, Isabell
Siefke-Henzler, Verena
Tertsch, Katrin
(74) ir. W.J.J.M. Kempes
(31) 102009052831
102010020902
(32) 13.11.2009
18.05.2010
(33) Germany
Germany
(47) 04.04.2018

(51) A61K 39/00
A61K 39/12
A61K 38/00
A61K 39/245
C07K 14/005
(11) EP2850431
(21) EP13724492.7
(22) 16.05.2013
(54) VACCINES FOR HSV-2
(73) Immune Design Corp.
(72) DUBENSKY, Thomas W. Jr.
HOSKEN, Nancy A.
ROBBINS, Scott, H.
MOORE, Margaret, D.
(74) ir. J.D. de Zeeuw
(31) 201261647764 P
201261679387 P
201261714158 P
(32) 16.05.2012
03.08.2012
15.10.2012
(33) United States of America
United States of America
United States of America
(47) 18.04.2018

(51) A61K 39/00
A61K 39/35
A61K 45/06
A61K 39/39
(11) EP2484375
(21) EP12153249.3
(22) 26.09.2007
(54) Vaccine composition containing synthetic adjuvant
(73) Infectious Disease Research Institute
(72) Reed, Steven, G.
Carter, Darrick
(74) J.M.H. Duyver lic.
(31) 847404 P
(32) 26.09.2006
(33) United States of America
(47) 23.05.2018

(51) A61K 39/00
C07K 14/705
G01N 33/50
(11) EP2867249
(21) EP13731800.2
(22) 27.06.2013
(54) TOLL-LIKE RECEPTORS AND IMMUNOSTIMULATORY OLIGONUCLEOTIDES
(73) Intervet International B.V.
(72) ILG, Thomas Simon
KOOL, Jaap
(31) 12174199
(32) 28.06.2012
(33) European Patent Office (EPO)
(47) 18.04.2018

(51) A61K 39/09
(11) EP2616099
(21) EP11768149.4
(22) 16.09.2011
(54) IMMUNOGENIC COMPOSITIONS
(73) GlaxoSmithKline Biologicals SA
(72) BERTI, Francesco
CONTORNI, Mario
COSTANTINO, Paolo
FINCO, Oretta
GRANDI, Guido
MAIONE, Domenico
TELFORD, John
(74) ir. F.A. Geurts c.s.
(31) 201101665
383668 P
(32) 31.01.2011
16.09.2010
(33) United Kingdom
United States of America
(47) 30.05.2018

(51) A61K 39/35
A61P 37/08
C07K 14/37
C07K 14/415
C07K 14/435
C07K 14/47
A61K 39/00
(11) EP2853271
(21) EP14176216.1
(22) 11.02.2011
(54) Allergen extracts
(73) Laboratorios LETI, S.L.
(72) Carnes Sanchez, Jeronimo
(74) dr. A. Krebs
(31) 201030199
(32) 12.02.2010
(33) Spain
(47) 04.04.2018

(51) A61K 39/395
A61K 9/19
C07K 16/24
(11) EP2822591
(21) EP13742519.5
(22) 05.03.2013
(54) PHARMACEUTICAL FORMULATIONS OF TNF-ALPHA ANTIBODIES
(73) Cadila Healthcare Limited
(72) MENDIRATTA, Sanjeev Kumar
BANDYOPADHYAY, Sanjay
PATEL, Chintan, G.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 610MU2012

1606MU2012
3031MU2012
(32) 07.03.2012
30.05.2012
17.10.2012
(33) India
India
India
(47) 02.05.2018

(51) A61K 39/395
C07K 16/28
C07K 16/30
A61P 35/00
(11) EP2916866
(21) EP13786255.3
(22) 05.11.2013
(54) FORMULATION FOR BISPECIFIC T-CELL ENGAGERS (BITES)
(73) Bayer Pharma Aktiengesellschaft
(72) OLBRICH, Carsten
BUNTE, Thomas
WINTER, Jonas
PETERS, Jörg
TRILL, Thomas
(74) ir. W.J.J.M. Kempes
(31) 12191493
(32) 06.11.2012
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) A61K 47/00
C08G 63/676
(11) EP2672998
(21) EP12741537.0
(22) 31.01.2012
(54) INJECTABLE THERMORESPONSIVE POLYELECTROLYTES
(73) Northwestern University
(72) YANG, Jian
VAN LITH, Robert
AMEER, Guillermo
(74) ir. J.M.G. Dohmen c.s.
(31) 201161438071 P
(32) 31.01.2011
(33) United States of America
(47) 27.06.2018

(51) A61K 47/36
A61K 9/19
A61K 9/20
C08B 37/08
A61K 38/43
(11) EP3139961
(21) EP15725516.7
(22) 06.05.2015
(54) HYDROGELS OF METHACRYLIC HYALURONIC ACID DERIVATIVES FOR ORAL ENZYME THERAPY IN CELIAC DISEASE
(73) Nemysis Limited
(72) PITARRESI, Giovanna
PALUMBO, Fabio Salvatore
GIAMMONA, Gaetano
(74) ir. M.F.J.M. Ketelaars c.s.
(31) FI20140106
(32) 07.05.2014
(33) Italy
(47) 04.04.2018

(51) A61K 47/36
C08B 37/08
C08L 5/08
(11) EP2934592
(21) EP13829034.1
(22) 26.11.2013
(54) C6-C18-ACYLATED DERIVATIVE OF HYALURONIC ACID, METHOD OF PREPARATION THEREOF, NANOMICELLAR COMPOSITION ON ITS BASIS, METHOD OF PREPARATION THEREOF AND METHOD OF PREPARATION STABILIZED NANOMICELLAR COMPOSITION, AND USE THEREOF
(73) Contipro a.s.
(72) SMEJKALOVA, Daniela
HUERTA-ANGELES, Gloria
BOBEK, Martin
HERMANNOVA, Martina
VISTEJNOVA, Lucie
NOVOTNY, Jaroslav
PRIKOPOVA, Eva
NESPOROVA, Kristina
NEMCOVA, Miroslava
SLEZINGEROVA, Klara
KULHANEK, Jaromir
COZIKOVA, Dagmar
SOGORKOVA, Jana
KUCERA, Jan
KLEIN, Pavel
VELEBNY, Vladimir
(74) ir. H.V. Mertens c.s.
(31) 20120842
(32) 27.11.2012
(33) Czech Republic
(47) 16.05.2018

(51) A61K 47/50
A61K 47/69
A61K 49/00
(11) EP2494075
(21) EP10827627.0
(22) 01.11.2010
(54) TEMPLATED NANOCONJUGATES
(73) Northwestern University
(72) MIRKIN, Chad A.
GILJOHANN, David A.
DANIEL, Weston L.
CUTLER, Joshua I.
ZHANG, Ke
ZHENG, Dan
(74) ir. W.J.J.M. Kempes
(31) 256640 P
386846 P
374550 P
(32) 30.10.2009
27.09.2010
17.08.2010
(33) United States of America
United States of America
United States of America
(47) 04.04.2018

(51) A61K 47/60
(11) EP2673000
(21) EP12704348.7
(22) 03.02.2012
(54) POLYMER-CARBOHYDRATE-LIPID CONJUGATES
(73) Wu, Nian
(72) Wu, Nian
(74) J.M.H. Duyver lic.
(31) 201213354726
201213364967
201161440488 P
(32) 20.01.2012
02.02.2012
08.02.2011
(33) United States of America
United States of America
United States of America
(47) 16.05.2018

(51) A61K 47/60
C07D 213/80
C07D 239/28
C07D 213/30
C07D 213/46
C07D 213/55
C07D 213/38
C07H 15/26
C07K 1/13
(11) EP2886132
(21) EP15151649.9
(22) 21.12.2009
(54) Thiol-functionalising reagents and their uses
(73) Glythera Limited
(72) Watts, Andrew Graham
Kantner, Terrence
Mackenzie, Amanda
(74) ir. J.D. de Zeeuw
(31) 139014 P
0823309
(32) 19.12.2008
19.12.2008
(33) United States of America
United Kingdom
(47) 04.04.2018

(51) A61K 49/00
A61K 9/50
(11) EP2285421
(21) EP09739980.2
(22) 01.05.2009
(54) METHODS FOR PRODUCTION AND USE OF SUBSTANCE-LOADED ERYTHROCYTES FOR OBSERVATION AND TREATMENT OF MICROVASCULAR HEMODYNAMICS
(73) Novadaq Technologies ULC
(72) Flower, Robert W.
(74) ir. C.M. Jansen c.s.
(31) 126344
(32) 02.05.2008
(33) United States of America
(47) 11.04.2018

(51) A61L 27/38
A61L 27/46
A61L 27/58
(11) EP3233146
(21) EP16805151.4
(22) 02.12.2016
(54) RESORBABLE CROSSLINKED FORM STABLE MEMBRANE
(73) Geistlich Pharma AG
(72) STIEFEL, Niklaus
STENZEL, Sergej
KAUFMANN, Raphael
(74) J.M.H. Duyver lic.
(31) 15198070
(32) 04.12.2015

(33) European Patent Office (EPO)
(47) 09.05.2018

(51) A61M 1/10
(11) EP2978466
(21) EP14715101.3
(22) 28.03.2014
(54) BLOOD PUMP
(73) Quanta Dialysis Technologies Limited
(72) BUCKBERRY, Clive
(74) J.M.H. Duyver lic.
(31) 201305758
(32) 28.03.2013
(33) United Kingdom
(47) 18.04.2018

(51) A61M 5/00
A61M 5/178
A61M 5/20
A61M 5/32
A61M 5/315
A61M 5/50
A61M 5/28
(11) EP2750733
(21) EP12828415.5
(22) 31.08.2012
(54) AUTOMATIC RECONSTITUTION FOR DUAL CHAMBER SYRINGE
(73) UNL Holdings LLC
(72) ADLON, Katlin M.
WEAVER, Philip A.
DUNGAR, Peter J.
(74) ir. W.J.J.M. Kempes
(31) 201161530765 P
(32) 02.09.2011
(33) United States of America
(47) 04.04.2018

(51) A61M 5/14
(11) EP2704765
(21) EP12779656.3
(22) 01.05.2012
(54) MALE REFLUX VALVE
(73) HALKEY-ROBERTS CORPORATION
(72) ROGIER, Stephen, J.
(74) ir. C.M. Jansen c.s.
(31) 201161481240 P
201161559821 P
(32) 01.05.2011
15.11.2011
(33) United States of America
United States of America
(47) 11.04.2018

(51) A61M 5/19
A61M 5/28
A61M 5/31
A61M 5/32
A61M 5/315
(11) EP2739328
(21) EP12821852.6
(22) 03.08.2012
(54) DUAL CHAMBER MIXING DEVICE FOR A SYRINGE
(73) UNL Holdings LLC
(72) MOJDEHBAKHSH, Ramin
DUNGAR, Peter J.
PALMER, Ashley W.
JOHANNESSON, Robert E.
WEAVER, Philip, A.
WEIR, Aaron, M.
(74) ir. W.J.J.M. Kempes
(31) 201161515554 P
201161545653 P
(32) 05.08.2011
11.10.2011
(33) United States of America
United States of America
(47) 04.04.2018

(51) A61M 5/31
A61M 5/32
(11) EP2240222
(21) EP08870751.8
(22) 29.12.2008
(54) SYSTEMS FOR ADMINISTERING MEDICATION FOR RHEUMATOID ARTHRITIS PATIENTS
(73) UCB Biopharma SPRL
(72) MORGAN, Darrell, P.
KONTORVICH, Boris
VORDENBERG, Steven
VICARI, Joern
FREITAG, Eric
LEE, Alex
FORMOSA, Dan
(74) ir. C.M. Jansen c.s.
(31) 10779
135262
192551
(32) 11.01.2008
18.07.2008
18.09.2008
(33) United States of America
United States of America
United States of America
(47) 04.04.2018

(51) A61M 11/04
A24F 47/00
A61M 15/00
A61M 15/06
(11) EP2929903
(21) EP15161550.7
(22) 28.03.2015
(54) Atomizer and electronic cigarette
(73) Shenzhen First Union Technology Co., Ltd.
(72) Li, Yonghai
Xu, Zhongli
Zou, Xingbing
Cai, Long
Duan, Hongxing
Shen, Lizhou
(31) 201420166373 U
201420348724 U
201420372002 U
(32) 08.04.2014
27.06.2014
08.07.2014
(33) China
China
China
(47) 09.05.2018

(51) A61M 39/22
A61M 3/02
A61M 25/00
A61M 25/04
(11) EP3097945
(21) EP15169074.0
(22) 25.05.2015
(54) FLUID FLOW SWITCHING DEVICE FOR CATHETERIZATION WITH A THREE WAY BLADDER CATHETER
(73) Chiapatti, Andrea
(72) Tessarin, Alessandro
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 02.05.2018

(51) A61N 1/32
A61N 1/36
A61F 9/00
A61N 1/04
(11) EP2956211
(21) EP14707252.4
(22) 18.02.2014
(54) DEVICE FOR THE TREATMENT OF AN OCULAR DISEASE
(73) Eyevensys
(72) LEBRETON, Luc
BENARD, Romain
BEHAR-COHEN, Francine
TOUCHARD, Elodie
(74) ir. W.J.J.M. Kempes
(31) 13155682
(32) 18.02.2013
(33) European Patent Office (EPO)
(47) 18.04.2018

(51) A61N 1/39
(11) EP3007768
(21) EP14811455.6
(22) 13.06.2014
(54) WEARABLE MULTIPHASIC CARDIOVERTER DEFIBRILLATOR SYSTEM
(73) CardioThrive, Inc.
(72) RAYMOND, Douglas, M.
GRAY, Peter, D.
SAVAGE, Walter T.
SAVAGE, Shelley J.
(74) ir. H.Th. van den Heuvel c.s.
(31) 201361835459 P
201414303543
(32) 14.06.2013
12.06.2014
(33) United States of America
United States of America
(47) 30.05.2018

(51) A61N 1/40
(11) EP3027278
(21) EP14744130.7
(22) 28.07.2014
(54) DEVICE FOR TREATING THE VAGINAL CANAL OR OTHER NATURAL OR SURGICALLY OBTAINED ORIFICES, AND RELATED APPARATUS
(73) El.En. S.p.A.
(72) MASOTTI, Leonardo
GALLI, Mauro
MODI, Stefano
SCORTECCI, Maurizio
(74) ir. C.M. Jansen c.s.
(31) FI20130182
FI20130252
(32) 01.08.2013
22.10.2013
(33) Italy
Italy
(47) 04.04.2018

(51) A61N 5/00

A61B 5/11
A61G 13/02
A61B 90/14
(11) EP1968703
(21) EP06848828.7
(22) 28.12.2006
(54) METHOD AND SYSTEM FOR COMPENSATING A SELF-CAUSED DISPLACEMENT OF TISSUE
(73) PT Stabilisation AB
(72) SCHOUENBORG, Jens
PETERSSON, Per
(74) ir. H.V. Mertens c.s.
(31) 754177 P
(32) 28.12.2005
(33) United States of America
(47) 30.05.2018

(51) A61P 37/00
A61K 38/12
A61K 38/16
A61K 38/56
(11) EP2793923
(21) EP12815701.3
(22) 21.12.2012
(54) CYCLOTIDES AS IMMUNOSUPPRESSIVE AGENTS
(73) Medizinische Universität Wien
Universitätsklinikum Freiburg
(72) GRUBER, Christian Werner
GRUENDEMANN, Carsten
(74) ir. C.M. Jansen c.s.
(31) 11195413
12196918
(32) 22.12.2011
13.12.2012
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 16.05.2018

(51) A62B 18/02
A62B 18/08
A62B 9/00
A41D 13/11
(11) EP2938407
(21) EP13869234.8
(22) 11.12.2013
(54) FILTERING FACE-PIECE RESPIRATOR HAVING ROUNDED PERIMETER
(73) 3M Innovative Properties Company
(72) DUFFY, Dean R.
(31) 201213728008
(32) 27.12.2012
(33) United States of America
(47) 25.04.2018

(51) A62B 35/00
E04G 21/32
B64F 5/00
B64F 5/40
F16B 47/00
(11) EP2563483
(21) EP11719615.4
(22) 27.04.2011
(54) VACUUM ANCHOR SYSTEM
(73) Latchways PLC
(72) JONES, Owain
JONES, Karl
(74) J.M.H. Duyver lic.
(31) 201007078
(32) 28.04.2010
(33) United Kingdom
(47) 23.05.2018

(51) A63B 21/02
A63B 23/035
A63B 23/00
A63B 21/00
A63B 21/055
(11) EP2969061
(21) EP14775377.6
(22) 26.02.2014
(54) EXERCISE DEVICE
(73) Hygenic Intangible Property Holding Company
(72) CROWELL, Jason, Alan
SCHROCK, Anna
WEIKER, Tanya, Loraine
GERBER, Nevin, Dean
(74) ir. C.M. Jansen c.s.
(31) 201313827445
(32) 14.03.2013
(33) United States of America
(47) 11.04.2018

(51) A63B 69/16
A63B 22/00
A63B 22/06
A63B 21/00
(11) EP2848288
(21) EP13183916.9
(22) 11.09.2013
(54) Exercise device
(73) Elbersen Beheer B.V.
(72) Elbersen, Ronald Hendrikus Dionisius
Kaan, Wouter Jan
(74) ir. A.R. Aalbers
(47) 30.05.2018

(51) A63C 17/02
A63C 17/01
(11) EP2559461
(21) EP10849785.0
(22) 15.04.2010
(54) TRUCK STRUCTURE FOR SKATEBOARD
(73) Surpath Trading Co., Ltd
(72) YAMADA, Tsutomu
(74) J.M.H. Duyver lic.
(47) 04.04.2018

(51) A63F 5/00
(11) EP2978513
(21) EP14717421.3
(22) 28.03.2014
(54) GAME DISPLAY ARRANGEMENT AND SYSTEM FOR DISPLAYING A GAME RESULT FROM A GAME RESULT GENERATOR
(73) Novomatic AG
(72) DINNING, Andrew
WATTS, Ronald
(31) 201305709
(32) 28.03.2013
(33) United Kingdom
(47) 09.05.2018

(51) B01D 11/04
(11) EP3175897
(21) EP15197955.6
(22) 04.12.2015
(54) IMPROVED METHOD FOR THE EXTRACTION OF AROMATIC SUBSTANCES FROM FAT-CONTAINING AND/OR AQUEOUS LIQUID PHASES
(73) Evonik Degussa GmbH
(72) Wiesmueller, Johann
Michlbauer, Franz
Oberbauer, Guenther
Hausner, Helmut
Kaiser, Harald
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) B01D 17/04
C07C 7/10
B01D 17/02
C07C 5/29
(11) EP2872469
(21) EP13734436.2
(22) 09.07.2013
(54) PHASE SEPARATION METHOD BY INVERTING THE DIRECTION OF DISPERSION
(73) BASF SE
(72) PFEIFFER, Daniel
BITTERLICH, Stefan
(74) ir. W.J.J.M. Kempes
(31) 12175829
(32) 11.07.2012
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) B01D 53/14
B01D 53/52
C01B 17/20
C01G 3/06
C10K 1/00
C10K 1/08
C10K 1/10
C10K 1/18
(11) EP2673069
(21) EP12744648.2
(22) 08.02.2012
(54) METHOD OF PURIFYING A GAS
(73) Neste Oyj
(72) KESKINEN, Kari I
KOSKINEN, Jukka
AITTAMAA, Juhani
PETTERSSON, Marianne
(74) ir. P.J. Hylarides c.s.
(31) 11153704
201161440420 P
(32) 08.02.2011
08.02.2011
(33) European Patent Office (EPO)
United States of America
(47) 25.04.2018

(51) B01D 53/14
B01D 53/62
B01D 53/78
B01D 53/96
(11) EP2578290
(21) EP12199653.2
(22) 14.03.2005
(54) CO2 recovery system and method
(73) MITSUBISHI HEAVY INDUSTRIES, LTD.
The Kansai Electric Power Co., Inc.
(72) Iijima, Masaki
Kamijo, Takashi
Yonekawa, Takahito
Mimura, Tomio
Yagi, Yasuyuki

(74) J.M.H. Duyver lic.
(31) 2004073388
(32) 15.03.2004
(33) Japan
(47) 06.06.2018

(51) B01J 8/10
B01J 8/12
B01J 8/38
B01J 8/28
(11) EP2153890
(21) EP09010196.5
(22) 06.08.2009
(54) Fluid bed reactor
(73) CORN Products Development Inc.
(72) Fame, David
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 87434 P
437190
(32) 08.08.2008
07.05.2009
(33) United States of America
United States of America
(47) 18.04.2018

(51) B01J 29/42
C10G 11/05
(11) EP1762299
(21) EP05733042.5
(22) 31.03.2005
(54) A CATALYST CONTAINING ZEOLITE FOR HYDROCARBON CONVERTING AND PREPARATION THEREOF, AND A HYDROCARBON OIL CONVERTING METHOD USING SAID CATALYST
(73) China Petroleum & Chemical Corporation
RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC
(72) LONG, Jun
DA, Zhijian
TIAN, Huiping
CHEN, Zhenyu
ZHANG, Weilin
SHU, Xingtian
ZHANG, Jiushun
ZHU, Yuxia
LIU, Yujian
(74) ir. J.M.G. Dohmen c.s.
(31) 200410029861
200410029862
200410068936
200410068937
(32) 31.03.2004
31.03.2004
14.07.2004
14.07.2004
(33) China
China
China
China
(47) 30.05.2018

(51) B01J 31/02
B01J 31/14
C07C 2/30
C08F 110/02
C08F 10/08
(11) EP3181225
(21) EP17151294.0
(22) 12.12.2014
(54) CATALYST COMPOSITIONS FOR SELECTIVE DIMERIZATION OF ETHYLENE
(73) Saudi Basic Industries Corporation
(72) SCHMIDT, Roland
AL-HAZMI, Mohammed H.
AL-ANAZI, Mohammed F.
PRADHAN, DevRanjan J.
(74) ir. J.D. de Zeeuw
(31) 201361915764 P
201361916549 P
(32) 13.12.2013
16.12.2013
(33) United States of America
United States of America
(47) 09.05.2018

(51) B02C 13/282
B02C 13/14
(11) EP1960109
(21) EP06817727.8
(22) 30.11.2006
(54) STATOR FOR AN IMPACT CRUSHER
(73) swissRTec AG
(72) ZÖLLIG, Mario
(74) drs. C.H. Mink-Lindenburg
(31) 19602005
(32) 09.12.2005
(33) Switzerland
(47) 11.04.2018

(51) B05B 1/26
B05B 1/34
(11) EP2900383
(21) EP13841007.1
(22) 25.09.2013
(54) HORIZONTALLY ROTATING CONTROLLED DROPLET APPLICATION
(73) AGCO Corporation
(72) BAK, Justin
PETERSON, John
(74) ir. C.M. Jansen c.s.
(31) 201261707102 P
(32) 28.09.2012
(33) United States of America
(47) 25.04.2018

(51) B05B 11/00
(11) EP3154708
(21) EP15720380.3
(22) 14.04.2015
(54) DEVICE FOR PACKAGING AND DISPENSING PASTE PRODUCTS
(73) Lablabo
(72) TABERLET, Jean-Philippe
PUVILAND, Patrice
(74) ir. W.J.J.M. Kempes
(31) 1455234
(32) 10.06.2014
(33) France
(47) 04.04.2018

(51) B05B 15/04
F23L 17/16
A61L 9/00
(11) EP3105186
(21) EP15709747.8
(22) 12.02.2015
(54) DEVICE FOR DISPERSING FOUL GASEOUS EFFLUENT EMISSIONS AT THE SOURCE
(73) SUEZ Groupe
(72) DUONG, Frédéric
KELLY, Robert
CHANTRE, Patrick
(74) ir. W.J.J.M. Kempes
(31) 1451164
(32) 14.02.2014
(33) France
(47) 04.04.2018

(51) B08B 13/00
D06F 39/00
(11) EP2552611
(21) EP11712763.9
(22) 29.03.2011
(54) METHOD FOR WET-TREATING, IN PARTICULAR CLEANING, OBJECTS
(73) Herbert Kannegiesser GmbH
(72) BRINGEWATT, Wilhelm
HEINZ, Engelbert
(74) ir. H.V. Mertens c.s.
(31) 102010013270
(32) 29.03.2010
(33) Germany
(47) 16.05.2018

(51) B21B 45/08
B05B 3/02
(11) EP3184182
(21) EP15202475.8
(22) 23.12.2015
(54) DEVICE AND METHOD FOR CLEANING A BODY HAVING A SURFACE LAYER TO BE REMOVED
(73) Hammelmann GmbH
(72) JARCHAU, Michael
OBERSCHEIDT, Martin
WILLEMS, Malte
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 02.05.2018

(51) B21D 1/02
(11) EP2958688
(21) EP14714358.0
(22) 18.02.2014
(54) ROLL LEVELLER FOR METAL SHEETS AND A PROCESS FOR LEVELLING A METAL SHEET WITH IT
(73) F.I.M.I. - Fabbrica Impianti Machine Industriali - S.p.A.
(72) MAGNANI, Giulio
(74) J.M.H. Duyver lic.
(31) MI20130229
(32) 19.02.2013
(33) Italy
(47) 04.04.2018

(51) B21D 5/04
(11) EP3154722
(21) EP15733602.5
(22) 21.05.2015
(54) BENDING PRESS HAVING BENDING UNIT, AND RESHAPING METHOD
(73) TRUMPF Maschinen Austria GmbH & Co. KG.
(72) AIGNER, Wolfgang
SPEZIALI, Stefano
WEISS, Thomas
(74) mr. ir. J. van Breda c.s.
(31) 503982014
(32) 10.06.2014
(33) Austria

(47) 11.04.2018

(51) B21J 5/00
B22C 9/10
(11) EP2654988
(21) EP11817392.1
(22) 19.12.2011
(54) PROCESS FOR MANUFACTURING A SALT CORE BY ISOSTATIC COMPACTION FOR PARTS IMPLEMENTING SUCCESSIVE FOUNDRY AND FORGING OPERATIONS
(73) Saint Jean Industries
(72) EPALE, Romain
(74) ir. C.M. Jansen c.s.
(31) 1061116
(32) 23.12.2010
(33) France
(47) 02.05.2018

(51) B22F 3/105
B22F 5/00
B22F 5/10
B22F 7/08
(11) EP2524750
(21) EP12001571.4
(22) 08.03.2012
(54) Method for producing metallic components with an opening
(73) MAN Truck & Bus AG
(72) Schuster, Rainer
(74) ir. J.M.G. Dohmen c.s.
(31) 102011101857
(32) 18.05.2011
(33) Germany
(47) 30.05.2018

(51) B23K 9/067
B23K 9/167
B23K 9/173
B23K 9/29
(11) EP3107677
(21) EP15714409.8
(22) 17.02.2015
(54) METHOD OF AND DEVICE FOR GAS-SHIELDED METAL-ARC WELDING USING A NON-CONSUMABLE WIRE ELECTRODE AND A CONSUMABLE ELECTRODE
(73) MHIW B.V.
(72) BÜSCHER, Konstantin Alexander
WIJNHOLDS, Ralph
(74) ir. J.M.G. Dohmen c.s.
(31) 102014002213
(32) 21.02.2014
(33) Germany
(47) 04.04.2018

(51) B23K 11/11
B23K 11/00
B23K 11/18
H01M 10/0525
H01M 2/26
B23K 11/34
B23K 103/10
B23K 103/12
B23K 103/18
(11) EP2946868
(21) EP13871543.8
(22) 16.07.2013
(54) METHOD OF MANUFACTURING A SEALED BATTERY
(73) Nag System Co. Ltd.
(72) NAGAMINE, Hidemasa
WADA, Keiji
(74) ir. C.M. Jansen c.s.
(31) 2013005432
(32) 16.01.2013
(33) Japan
(47) 11.04.2018

(51) B25B 27/00
(11) EP3067157
(21) EP16155560.2
(22) 12.02.2016
(54) A SYSTEM FOR COUPLING/DECOUPLING A THREADED TIE-ROD TO/FROM A TIE-ROD SEATING IN A GUN FOR DEFORMING FIXING ELEMENTS, AND A GUN WITH THE SYSTEM
(73) OBER S.p.A.
(72) BENTIVOGLI, Nerio
EVANGELISTI, Fabio
(74) ir. M.F.J.M. Ketelaars c.s.
(31) UB20150545
(32) 11.03.2015
(33) Italy
(47) 04.04.2018

(51) B25H 3/02
A45C 13/02
(11) EP3166757
(21) EP15736484.5
(22) 09.07.2015
(54) INSERTS FOR AN ASSORTMENT BOX
(73) Raaco A/S
(72) DAMBERG, Peter-Thomas
(74) ir. W.J.J.M. Kempes
(31) 14176310
(32) 09.07.2014
(33) European Patent Office (EPO)
(47) 16.05.2018

(51) B25J 9/16
(11) EP2448722
(21) EP10728205.5
(22) 24.06.2010
(54) Calibration method for a measuring system
(73) Leica Geosystems AG
(72) METZLER, Bernhard
WALSER, Bernd
AEBISCHER, Beat
(74) ir. C.M. Jansen c.s.
(31) 09164232
(32) 30.06.2009
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) B25J 15/00
B65B 35/56
B65G 47/244
B65D 77/04
B65G 47/91
(11) EP2853357
(21) EP14191300.4
(22) 16.03.2011
(54) Machine and method for cartoning articles
(73) Cama1 S.p.A.
(72) Bellante, Daniele
(74) dr. A. Ellens c.s.
(47) 02.05.2018

(51) B28B 1/00
B29C 41/24
D06N 5/00
E04D 1/26
B05C 19/04
B05C 1/08
B05C 1/14
B05C 1/16
B05D 1/32
B29C 41/28
E04D 5/02
B29C 41/26
B05C 3/00
(11) EP3107700
(21) EP15711852.2
(22) 18.02.2015
(54) APPARATUS TO MAKE DECORATIONS ON PREFABRICATED WATER-PROOFING BITUMEN-MIX MEMBRANES AND CORRESPONDING PLANT FOR THE PRODUCTION OF SAID PREFABRICATED WATER-PROFFING MEMBRANES
(73) Boato International S.p.A. A Socio Unico
(72) PASTORUTTI, Gino
(74) ir. H.V. Mertens c.s.
(31) UD20140028
(32) 18.02.2014
(33) Italy
(47) 18.04.2018

(51) B29B 15/12
B29B 11/16
(11) EP2794221
(21) EP12813648.8
(22) 19.12.2012
(54) A BINDER COMPOSITION FOR FORMING A DRY FIBROUS MATERIAL FOR SUBSEQUENT RESIN INFUSION
(73) Cytec Industries Inc.
Cytec Engineered Materials Inc.
(72) PONSOLLE, Dominique
RESTUCCIA, Carmelo, Luca
JACOBS, William
BLACKBURN, Robert
LOFARO, Carmelo
PRICE, Richard
DOYLE, Marc
SMITH, Mitchell
ROMAN, Mark
ABUSAFIEH, Abdel
(74) ir. W.J.J.M. Kempes
(31) 201161577990 P
(32) 20.12.2011
(33) United States of America
(47) 04.04.2018

(51) B29C 41/06
B29C 41/22
B32B 7/04
C08L 75/04
B29C 37/00
(11) EP2885119
(21) EP13826378.5
(22) 22.07.2013
(54) MOULDED PLASTIC ARTICLES WITH CONTACT BETWEEN TWO DISSIMILAR PLASTICS
(73) Ferguson, Gary Wayne
Searle, John Peter
(72) WYNESS, Keith

FERGUSON, Gary Wayne
SEARLE, John Peter
(74) ir. W.J.J.M. Kempes
(31) 201205826
(32) 02.08.2012
(33) South Africa
(47) 02.05.2018

(51) B29C 43/18
B29C 33/68
H01L 21/56
(11) EP2612742
(21) EP12197296.2
(22) 14.12.2012
(54) Method for resin molding and resin molding apparatus
(73) Apic Yamada Corporation
(72) Tagami, Shusaku
Muramatsu, Yoshikazu
Maekawa, Masanori
Nakazawa, Hideaki
Fujisawa, Masahiko
Miyamoto, Takuya
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011284739
(32) 27.12.2011
(33) Japan
(47) 02.05.2018

(51) B29C 44/20
B29C 44/34
C08J 9/12
(11) EP2820074
(21) EP13754347.6
(22) 28.02.2013
(54) METHOD FOR INFUSING A GAS INTO A THERMOPLASTIC MATERIAL, AND RELATED SYSTEMS
(73) Dart Container Corporation
(72) NADELLA, Krishna
(74) ir. H.V. Mertens c.s.
(31) 201261605004 P
201361752220 P
(32) 29.02.2012
14.01.2013
(33) United States of America
United States of America
(47) 13.06.2018

(51) B29C 63/10
B29C 65/00
B29C 65/10
B29C 65/48
B29C 65/50
B29D 23/00
B32B 1/08
F16L 9/12
(11) EP2707132
(21) EP12724086.9
(22) 27.04.2012
(54) METHOD FOR PRODUCING A TUBE OR SEMIFINISHED TUBE AND TUBE OR SEMIFINISHED TUBE FOR CHEMICAL APPARATUS CONSTRUCTION
(73) Simona AG
(72) LITZENBURGER, Achim
(74) ir. C.M. Jansen c.s.
(31) 102011075745
(32) 12.05.2011
(33) Germany
(47) 13.06.2018

(51) B29C 67/00
B29C 70/58
(11) EP2379311
(21) EP09796256.7
(22) 22.12.2009
(54) POLYESTER POWDER COMPOSITIONS, METHODS AND ARTICLES
(73) 3D Systems, Inc.
(72) MARTINONI, Raffaele
(74) J.M.H. Duyver lic.
(31) 176146 P
139932 P
(32) 07.05.2009
22.12.2008
(33) United States of America
United States of America
(47) 30.05.2018

(51) B32B 5/02
B32B 5/26
D06N 3/06
D06N 7/00
(11) EP3137294
(21) EP15721614.4
(22) 28.04.2015
(54) CARRIER MATERIAL FOR VINYL FLOOR COVERING
(73) Low & Bonar B.V.
Saint-Gobain Adfors
(72) VISSCHER, Edze, Jan
ZIJPP VAN DER, Ype
VELTMAN, Hans
KUIK, Pepijn
STIGTER, Leonie
LELOGEAY, Sophie
DANIEL, Eric
ALEJANDRO JAVIER, Mantecon, Torres
(74) J.M.H. Duyver lic.
(31) 14166373
(32) 29.04.2014
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) B32B 7/06
B32B 7/10
B65D 51/24
B65D 53/04
(11) EP2651635
(21) EP11793722.7
(22) 29.11.2011
(54) SEALING DISC FOR INDUCTION SEALING A CONTAINER
(73) Alfelder Kunststoffwerke Herm. Meyer GmbH
(72) WIENING, Heinz-Rudolf
(74) ir. C.M. Jansen c.s.
(31) 102010054494
(32) 14.12.2010
(33) Germany
(47) 04.04.2018

(51) B32B 15/08
B32B 15/088
B32B 1/08
E02D 27/52
F16L 57/00
F16L 58/00
F16L 9/02
F16L 9/147
(11) EP2660044
(21) EP13163842.1
(22) 16.04.2013
(54) WEAR INDICATOR SYSTEM FOR OFFSHORE CORROSION PROTECTION COATING SYSTEMS
(73) Evonik Degussa GmbH
(72) Berger, Jan
Häger, Harald
Hartmann, Markus
Nitsche, Jasmin
(74) ir. W.J.J.M. Kempes
(31) 102012207179
(32) 30.04.2012
(33) Germany
(47) 04.04.2018

(51) B32B 17/10
B60R 1/12
B60R 11/04
B60S 1/08
(11) EP2796288
(21) EP13164617.6
(22) 22.04.2013
(54) Vehicle pane with an optical filter
(73) Saint-Gobain Glass France
(72) Wohlfeil, Dirk
(74) ir. F.A. Geurts c.s.
(47) 27.06.2018

(51) B32B 17/10
H05B 3/86
(11) EP2718098
(21) EP12717779.8
(22) 03.05.2012
(54) HEATABLE LAMINATED GLAZING WITH SAFETY FUNCTION
(73) Saint-Gobain Glass France
(72) LISINSKI, Susanne
MELCHER, Martin
SCHLARB, Andreas
(74) ir. F.A. Geurts c.s.
(31) 11169563
(32) 10.06.2011
(33) European Patent Office (EPO)
(47) 18.04.2018

(51) B41F 17/22
B41F 33/00
B41F 31/16
B41F 31/20
(11) EP2958749
(21) EP14705359.9
(22) 20.02.2014
(54) CAN DECORATOR APPARATUS AND METHOD
(73) Crown Packaging Technology, Inc.
(72) HUGHES, Grahame
ROSELAAR, Katherine
(74) ir. C.M. Jansen c.s.
(31) 201303003
201304488
201305908
201315457
(32) 20.02.2013
13.03.2013
02.04.2013
30.08.2013
(33) United Kingdom
United Kingdom
United Kingdom
United Kingdom
(47) 04.04.2018

(51) B41F 31/10
B41F 31/12
B41F 31/13
B41F 31/14
B41F 13/004
B41F 17/18
(11) EP3169522
(21) EP15732662.0
(22) 29.06.2015
(54) INKING UNIT OF A PRINTING UNIT
(73) KBA-MetalPrint GmbH
(72) BEHNKE, Stephan
MASUCH, Bernd
REDER, Wolfgang
(74) J.M.H. Duyver lic.
(31) 102014213804
102014221220
(32) 16.07.2014
20.10.2014
(33) Germany
Germany
(47) 25.04.2018

(51) B41F 33/00
(11) EP2860033
(21) EP14180737.0
(22) 13.08.2014
(54) Method for printing a print substrate
(73) manroland web systems GmbH
(72) Fejfar, Florian
(74) ir. P.J. Hylarides c.s.
(31) 102013109920
(32) 10.09.2013
(33) Germany
(47) 02.05.2018

(51) B41J 2/175
(11) EP3150385
(21) EP16191153.2
(22) 28.09.2016
(54) INK STORAGE APPARATUS FOR A PRINTING SYSTEM
(73) OCE-Technologies B.V.
(72) DRIESSEN-OLDE SCHEPER, Lamberdina J.A.M.
SMEYERS, Johannes H.L.
(74) ir. M.J. Groen
(31) 15188138
(32) 02.10.2015
(33) European Patent Office (EPO)
(47) 02.05.2018

(51) B41K 1/36
B23K 26/00
B23K 26/10
B41K 1/38
B41C 3/04
B41D 7/00
(11) EP3092129
(21) EP15706138.3
(22) 07.01.2015
(54) MACHINING SYSTEM FOR A PLURALITY OF DIFFERENT WORKPIECES
(73) Trodat GmbH
(72) PINOT, Jean-Philippe
VERRIER, Stéphanie
(74) dr. A. Krebs
(31) 500172014
(32) 10.01.2014
(33) Austria
(47) 04.04.2018

(51) B41M 5/34
B41M 5/36
B42D 25/00
B42D 25/29
B42D 25/41
G06K 19/06
(11) EP2752302
(21) EP13192834.3
(22) 14.11.2013
(54) Pixel arrangement for producing a colour image
(73) IDEMIA France
(72) Bertin, Marc
Morel, Yvonnic
Vere, Denis
Gautier, Mickael
(74) ir. W.J.J.M. Kempes
(31) 1260875
(32) 15.11.2012
(33) France
(47) 04.04.2018

(51) B44C 1/10
B44C 5/04
D21H 27/30
(11) EP2574476
(21) EP12186081.1
(22) 26.09.2012
(54) Method for producing a decorative film
(73) Trespa International B.V.
(72) Symkens, Stefan Henri Dominique Maria
Kömhoff, Henricus Hubertus Maria
Hodgson, Marcelle
Vogels-Jansen, Irma
(74) ir. J.M.G. Dohmen c.s.
(31) 2007494
(32) 28.09.2011
(33) Netherlands
(47) 27.06.2018

(51) B60B 27/02
B60B 27/04
B62M 9/12
F16H 7/20
(11) EP3007908
(21) EP14737032.4
(22) 16.06.2014
(54) BICYCLE HUB FOR A BICYCLE TRANSMISSION SYSTEM
(73) Hoek, Van Robertus Cornelius Wilhelmus
(72) Hoek, Van Robertus Cornelius Wilhelmus
(74) ir. G.J.M. Verhees
(31) 2010969
(32) 14.06.2013
(33) Netherlands
(47) 04.04.2018

(51) B60D 1/06
(11) EP2664468
(21) EP13164260.5
(22) 18.04.2013
(54) An apparatus for coupling a trailer to a towing vehicle
(73) Faber, Lieuwe
(72) Faber, Lieuwe
(31) 59999012
(32) 15.05.2012
(33) New Zealand
(47) 02.05.2018

(51) B60G 7/02
B60G 7/00
F16B 43/00
(11) EP3115235
(21) EP16001426.2
(22) 24.06.2016
(54) METHOD FOR ADJUSTING AN AXLE OF A MOTOR VEHICLE
(73) MAN Truck & Bus AG
(72) Hörmann, Robert
Püschel, Josef
(74) ir. J.M.G. Dohmen c.s.
(31) 102015008672
(32) 04.07.2015
(33) Germany
(47) 18.04.2018

(51) B60K 15/073
B60K 15/067
B60K 13/04
(11) EP3144170
(21) EP16001830.5
(22) 19.08.2016
(54) CHASSIS FOR AN UTILITY VEHICLE WITH SIDE TANK
(73) MAN Truck & Bus Österreich GesmbH
(72) Kalkgruber, Franz
Kern, Karl
(74) ir. J.M.G. Dohmen c.s.
(31) 6112015
(32) 17.09.2015
(33) Austria
(47) 13.06.2018

(51) B60L 5/42
B60M 1/36
B60M 3/04
(11) EP2088025
(21) EP09152157.5
(22) 05.02.2009
(54) Ground electricity supply circuit, in particular for a tram
(73) ALSTOM Transport Technologies
(72) Vienney, Jean-Pierre
(74) ir. P.J. Hylarides c.s.
(31) 0850750
(32) 06.02.2008
(33) France
(47) 04.04.2018

(51) B60L 7/14
B60L 7/26
B60L 7/12
B60L 7/08
B60L 11/00
B60L 11/18
B60L 15/20
H02P 3/18
(11) EP2711231
(21) EP13004482.9
(22) 13.09.2013
(54) Controller for driving a motor and electric power-assisted vehicle
(73) Taiyo Yuden Co., Ltd.
(72) Hosaka, Yasuo
Shimizu, Satoru
Asanuma, Kazuo
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2012209128
(32) 24.09.2012
(33) Japan

(47) 02.05.2018

(51) B60R 16/033
B62D 53/00
B60L 11/12
(11) EP2842814
(21) EP14001310.3
(22) 10.04.2014
(54) Vehicle trailer
(73) MAN Truck & Bus AG
(72) Kerschl, Stefan
von Esebeck, Götz
(74) ir. J.M.G. Dohmen c.s.
(31) 102013014305
(32) 29.08.2013
(33) Germany
(47) 06.06.2018

(51) B60R 25/00
G06Q 40/08
(11) EP2874853
(21) EP13820533.1
(22) 16.07.2013
(54) A METHOD OF DETERMINING IF A VEHICLE HAS BEEN STOLEN AND A SYSTEM THEREFOR
(73) Discovery Limited
(72) HOCKMAN, Yehuda Aryeh
(74) ir. F.A. Geurts c.s.
(31) 201205316
(32) 17.07.2012
(33) South Africa
(47) 28.03.2018

(51) B61L 25/02
B61L 15/00
(11) EP2944537
(21) EP14167869.8
(22) 12.05.2014
(54) A monitoring device and a method for monitoring the operability of at least one sensing means of a rail vehicle
(73) Bombardier Transportation GmbH
(72) Ahlstedt, Sture
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) B62D 59/04
(11) EP2918483
(21) EP14196935.2
(22) 09.12.2014
(54) Method for manoeuvring a dual axle trailer by means of a manoeuvring drive and manoeuvring drive
(73) Truma Gerätetechnik GmbH & Co. KG
(72) Möhring, Mario
Gumpp, Daniel
Müller, Jörg
Venschott, Mathias
Schmid, Tobias
Postu, Alin
Müller, Jochen
Kröger, Ulrike
Fernandez, Ana-Maria
Kastenmeyer, Herbert
(74) ir. J.M.G. Dohmen c.s.
(31) 102014100205
(32) 09.01.2014
(33) Germany
(47) 28.03.2018

(51) B62M 3/00
B62M 6/50
(11) EP3050790
(21) EP15153187.8
(22) 30.01.2015
(54) Cordless speed, torque and power sensor for bicycles
(73) NCTE AG
(72) Pröpster, Günter
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 02.05.2018

(51) B63B 39/00
G05D 1/08
B63B 39/08
(11) EP2748060
(21) EP12831107.3
(22) 11.09.2012
(54) METHOD AND DEVICE FOR AVERTING AND DAMPING ROLLING OF A SHIP
(73) Q-Tagg R&D AB
(72) LÖFGREN, Arne
LINDQVIST, Tomas
FODOR, George
(74) ir. H.V. Mertens c.s.
(31) 1130084
(32) 16.09.2011
(33) Sweden
(47) 25.04.2018

(51) B63H 9/02
(11) EP2616323
(21) EP11754676.2
(22) 09.09.2011
(54) MAGNUS ROTOR
(73) Wobben Properties GmbH
(72) ROHDEN, Rolf
(74) ir. C.M. Jansen c.s.
(31) 102010040906
(32) 16.09.2010
(33) Germany
(47) 18.04.2018

(51) B63H 16/02
(11) EP3083393
(21) EP14827833.6
(22) 15.12.2014
(54) SHOE BINDING SYSTEM FOR A ROWING BOAT
(73) Mano, Thierry
(72) Mano, Thierry
(74) ir. W.J.J.M. Kempes
(31) 1363178
(32) 20.12.2013
(33) France
(47) 04.04.2018

(51) B65B 43/44
B65G 59/10
B65B 59/04
(11) EP2914501
(21) EP13850883.3
(22) 30.09.2013
(54) TRAY DISPENSER AND USE THEREOF
(73) Intech International A/S
(72) TRUDSLEV, Carsten
(74) ir. F.A. Geurts c.s.
(31) 201200685
(32) 02.11.2012
(33) Denmark
(47) 18.04.2018

(51) B65B 57/10
A61J 7/00
B65B 57/18
B65B 5/10
(11) EP3199463
(21) EP16153272.6
(22) 29.01.2016
(54) METHOD FOR FILLING A TRANSPORT TRAY FOR TRANSFERRING MEDICINAL PRODUCT DOSE AND A FILLING STATION FOR SUCH A TRANSPORT TRAY
(73) Becton Dickinson Rowa Germany GmbH
(72) HELLENBRAND, Christoph
(74) J.M.H. Duyver lic.
(47) 25.04.2018

(51) B65B 59/04
B65B 65/00
F16M 1/00
F16L 3/02
(11) EP3106401
(21) EP16161824.4
(22) 23.03.2016
(54) SUPPORTING STRUCTURE FOR PACKAGING MACHINES
(73) Cama1 S.p.A.
(72) BELLANTE, Daniele
(74) dr. A. Ellens c.s.
(31) 15172466
(32) 17.06.2015
(33) European Patent Office (EPO)
(47) 09.05.2018

(51) B65D 17/50
(11) EP1858767
(21) EP06705386.8
(22) 13.03.2006
(54) TEAR-OFF LID AND METHOD FOR PRODUCTION THEREOF
(73) Soudronic AG
(72) OBERHOLZER, Marcel
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 4532005
(32) 17.03.2005
(33) Switzerland
(47) 02.05.2018

(51) B65D 49/02
B65D 55/02
(11) EP2895399
(21) EP13762646.1
(22) 29.08.2013
(54) TAMPER-EVIDENT ANTI-REFILL DISPENSING FITMENT FOR A CONTAINER
(73) Owens-Brockway Glass Container INC.
(72) CHISHOLM, Brian, J.
(74) ir. F.A. Geurts c.s.
(31) 201213621603
(32) 17.09.2012
(33) United States of America
(47) 25.04.2018

(51) B65D 75/00
B65D 75/20
B65D 75/52
B65D 75/54
B65D 75/56
B65D 30/10
B65D 75/58
B65D 33/02
B65D 81/03

B65B 1/02
B65B 3/02
B65B 5/02
B65B 31/04
B65B 33/00
B65D 33/01
(11) EP3066029
(21) EP14810048.0
(22) 06.11.2014
(54) FLEXIBLE CONTAINERS HAVING FLEXIBLE VALVES
(73) The Procter & Gamble Company
(72) COX, Donald
MCGUIRE, Ken
STANLEY, Scott
ARENT, Lee
RAPACH, Andrew
YOU, Jun
BOURGEOIS, Marc
LESTER, Joseph
GUNNERSON, Kory
(31) 201361900508 P
(32) 06.11.2013
(33) United States of America
(47) 25.04.2018

(51) B65D 81/32
(11) EP3095727
(21) EP16167863.6
(22) 02.05.2016
(54) MULTI-COMPONENT CONTAINER WHICH CAN BE PRESSED OUT BY HAND
(73) fischerwerke GmbH & Co. KG
(72) Semmler, Markus
(74) ir. H.J.G. Lips c.s.
(31) 102015107798
102015115441
(32) 19.05.2015
14.09.2015
(33) Germany
Germany
(47) 13.06.2018

(51) B65D 81/38
(11) EP2989025
(21) EP14807370.3
(22) 19.05.2014
(54) THERMALLY INSULATED VIP SANDWICH SHIPPER
(73) Sonoco Development, Inc.
(72) RANADE, Ajit
STEPHAN, John
(74) ir. H.J.G. Lips c.s.
(31) 201313908607
(32) 03.06.2013
(33) United States of America
(47) 13.06.2018

(51) B65D 83/14
B65D 83/16
(11) EP2558383
(21) EP10793286.5
(22) 06.12.2010
(54) AEROSOL SPRAY DEVICE
(73) The Salford Valve Company Limited
(72) GHAVAMI-NASR, Ghasem
YULE, Andrew John
BURBY, Martin Laurence
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201006080
(32) 13.04.2010
(33) United Kingdom
(47) 02.05.2018

(51) B65D 85/804
B29C 41/00
A23P 10/25
(11) EP3115316
(21) EP15175704.4
(22) 07.07.2015
(54) CAPSULE CONTAINING BEVERAGE POWDER, PARTICULARLY FOR PREPARING BREWED COFFEE
(73) Swiss Coffee Innovation AG
(72) Nickel, Axel
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) B65G 37/02
B23Q 7/14
(11) EP3214024
(21) EP16158118.6
(22) 01.03.2016
(54) AUTONOMOUS CONVEYOR SYSTEM
(73) EWAB Engineering AB
(72) Wahrén, Mats
(74) ir. C.G.C. Veldman-Dijkers
(47) 27.06.2018

(51) B65H 19/12
B65H 16/00
(11) EP2931637
(21) EP13808193.0
(22) 13.12.2013
(54) DISPENSER
(73) Melitta UK Ltd.
(72) WORTHINGTON, Simon
(74) J.M.H. Duyver lic.
(31) 201222525
(32) 13.12.2012
(33) United Kingdom
(47) 11.04.2018

(51) B65H 54/10
B65H 55/04
(11) EP3134341
(21) EP15705309.1
(22) 19.02.2015
(54) CONICAL WINDING OF ELONGATED MATERIAL
(73) NV Bekaert SA
(72) POLLET, Lieven
HARINCK, Paul
(74) ir. W.J.J.M. Kempes
(31) 14166043
(32) 25.04.2014
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) B66B 23/00
B66B 23/14
(11) EP3137406
(21) EP15708549.9
(22) 10.03.2015
(54) TRACKWAY SYSTEM FOR AN ESCALATOR OR MOVING WALKWAY
(73) Inventio AG
(72) MATHEISL, Michael
FRIM, Norbert
ILLEDITS, Thomas
HAUER, Uwe
SCHULZ, Robert
BERGER, Michael
MAKOVEC, Christoph
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 14166527
(32) 30.04.2014
(33) European Patent Office (EPO)
(47) 02.05.2018

(51) B66C 13/02
B66C 23/52
B66D 1/52
B63B 27/10
(11) EP3018087
(21) EP15201059.1
(22) 16.09.2010
(54) HOISTING DEVICE
(73) Itrec B.V.
(72) WIJNING, Diederick Bernardus
ROODENBURG, Joop
(74) ir. H.V. Mertens c.s.
(31) 243857 P
(32) 18.09.2009
(33) United States of America
(47) 02.05.2018

(51) B67B 3/20
B67B 7/18
G01N 35/04
(11) EP2879985
(21) EP13745084.7
(22) 02.08.2013
(54) DEVICE TO AUTOMATICALLY CLOSE AND OPEN SCREW JOINTS
(73) Hamilton Bonaduz AG
(72) GIOVANOLI, Nando
STÄDLER, Andreas
(74) ir. F.A. Geurts c.s.
(31) 102012213821
(32) 03.08.2012
(33) Germany
(47) 11.04.2018

(51) B67C 3/00
(11) EP2928808
(21) EP13794813.9
(22) 14.11.2013
(54) FILLING MACHINE
(73) KHS GmbH
(72) KLOTZ, Matthias
NIEHR, Thomas
VORWERK, Jürgen
(74) ir. J.M.G. Dohmen c.s.
(31) 102012111748
(32) 04.12.2012
(33) Germany
(47) 20.06.2018

(51) B67D 1/04
B67D 1/08
B67D 1/12
(11) EP2941401
(21) EP13828860.0
(22) 20.12.2013
(54) DISPENSER DEVICE OF CARBONATED BEVERAGES
(73) Enomatic S.R.L.
(72) BENCISTA' FALORNI, Gianni
(74) ir. M.F.J.M. Ketelaars c.s.
(31) FI20130001
(32) 02.01.2013
(33) Italy

(47) 25.04.2018

(51) B68B 1/06
(11) EP2762440
(21) EP14152409.0
(22) 24.01.2014
(54) Mouthpiece for horses
(73) Acavallo S.r.l.
(72) Benetti, Mauro
(74) dr. A. Krebs
(31) BS20130009
(32) 01.02.2013
(33) Italy
(47) 04.04.2018

(51) B68C 1/12
(11) EP3099629
(21) EP15707803.1
(22) 26.01.2015
(54) UNDER-SADDLE AND MANUFACTURING METHOD THEREOF
(73) Acavallo S.r.l.
(72) BENETTI, Mauro
(74) dr. A. Krebs
(31) BS20140030
(32) 31.01.2014
(33) Italy
(47) 28.03.2018

(51) C01G 25/00
C01G 25/02
C04B 35/486
C04B 35/626
(11) EP1829824
(21) EP07102706.4
(22) 20.02.2007
(54) Partially-alloyed zirconia powder and method for preparing the same
(73) Sulzer Metco (US) Inc.
(72) Mueller, Michael
Dorfman, Mitchell R.
Xie, Liangde
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 366748
(32) 03.03.2006
(33) United States of America
(47) 23.05.2018

(51) C03B 19/14
(11) EP2956418
(21) EP14705732.7
(22) 07.02.2014
(54) METHOD FOR PRODUCING TITANIUM-DOPED SYNTHETIC QUARTZ GLASS
(73) Heraeus Quarzglas GmbH & Co. KG
(72) FABIAN, Heinz
THOMAS, Stephan
(74) ir. W.J.J.M. Kempes
(31) 102013202256
(32) 12.02.2013
(33) Germany
(47) 04.04.2018

(51) C03B 23/24
C03C 27/08
E04C 1/42
(11) EP2228349
(21) EP10466009.7
(22) 25.02.2010
(54) Method of reducing heat passage coefficient of pressed glass blocks
(73) Sousek, Radek
(72) Sousek, Radek
(74) dr. A. Ellens c.s.
(47) 04.04.2018

(51) C03C 14/00
C03B 19/02
C03B 20/00
C03B 19/06
H01L 21/67
(11) EP3068739
(21) EP14796044.7
(22) 06.11.2014
(54) COMPOSITE MATERIAL, HEAT-ABSORBING COMPONENT, AND METHOD FOR PRODUCING THE COMPOSITE MATERIAL
(73) Heraeus Quarzglas GmbH & Co. KG
Heraeus Quartz America LLC
(72) SCHEICH, Gerrit
SCHENK, Christian
WESSELY, Frank
TSCHOLITSCH, Nadine
NEUMANN, Christian
MORITZ, Stephan
MICHEL, Dirk
ATANOS, Ashur
(74) ir. W.J.J.M. Kempes
(31) 201314077182
(32) 11.11.2013
(33) United States of America
(47) 04.04.2018

(51) C03C 29/00
B23K 15/00
B23K 26/32
C03C 8/00
C03C 27/02
H01M 2/24
H01M 2/30
H01M 10/0525
B23K 1/19
H01M 2/08
H01M 10/0569
B23K 101/36
B23K 103/10
C03C 3/19
C03C 4/20
C03C 8/24
H01M 2/06
(11) EP2675764
(21) EP12704708.2
(22) 17.02.2012
(54) GLASS, IN PARTICULAR GLASS SOLDER OR FUSIBLE GLASS
(73) Schott AG
(72) GOEDEKE, Dieter
BACKNAES, Linda
(74) ir. W.J.J.M. Kempes
(31) 102011011705
102011012430
102011015869
102011103975
102011103976
102011106873
(32) 18.02.2011
25.02.2011
01.04.2011
10.06.2011
10.06.2011
07.07.2011
(33) Germany
Germany
Germany
Germany
Germany
Germany
(47) 04.04.2018

(51) C04B 28/08
C04B 7/153
C04B 7/17
C04B 111/10
(11) EP2989063
(21) EP14719845.1
(22) 25.04.2014
(54) BINDER COMPOSITION COMPRISING GROUND GRANULATED BLAST FURNACE SLAG, BASIC OXYGEN SLAG AND AN ALKALINE INORGANIC WASTE MATERIAL SELECTED FROM BY-PASS DUST, CEMENT KILN DUST OR MIXTURES THEREOF
(73) Coventry University
(72) GANJIAN, Eshmaiel
(74) J.M.H. Duyver lic.
(31) 201307622
(32) 26.04.2013
(33) United Kingdom
(47) 30.05.2018

(51) C04B 28/12
C04B 40/06
E04B 1/74
(11) EP3083522
(21) EP14827416.0
(22) 22.12.2014
(54) DRY BUILDING MATERIAL MIXTURE AND THERMAL INSULATION PLASTER PRODUCED THEREFROM
(73) Interbran Systems AG
(72) BÜTTNER, Siegmar
SCHÜMCHEN, Kurt
(74) ir. W.J.J.M. Kempes
(31) 102013021702
102014101055
102014101704
(32) 20.12.2013
29.01.2014
12.02.2014
(33) Germany
Germany
Germany
(47) 28.03.2018

(51) C06B 23/00
A01K 15/02
C07C 407/00
(11) EP2443078
(21) EP10725738.8
(22) 18.06.2010
(54) ODOR SAMPLES OF PEROXIDIC EXPLOSIVES
(73) Rheinische Friedrich-Wilhelms-Universität Bonn
Diehl Defence GmbH & Co. KG
(72) WALDVOGEL, Siegfried
SIERING, Carsten
LUBCZYK, Daniel
LÖBAU, Jörg
HAHMA, Arno
(74) ir. C.M. Jansen c.s.

(31) 102009029787
(32) 18.06.2009
(33) Germany
(47) 04.04.2018

(51) C07B 59/00
C07C 209/16
C07C 211/29
(11) EP2630104
(21) EP11772951.7
(22) 17.10.2011
(54) COMPOUNDS FOR USE IN IMAGING, DIAGNOSING AND/OR TREATMENT OF DISEASES OF THE CENTRAL NERVOUS SYSTEM
(73) Piramal Imaging SA
(72) THIELE, Andrea
KETTSCHAU, Georg
HEINRICH, Tobias
LEHMANN, Lutz
HALLDIN, Christer
NAG, Sangram
VARRONE, Andrea
GULYAS, Balazs
(74) ir. F.A. Geurts c.s.
(31) 10188559
(32) 22.10.2010
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C07C 7/08
C07C 11/167
B01J 19/24
(11) EP2914568
(21) EP13850380.0
(22) 15.10.2013
(54) BUTADIENE EXTRACTION PROCESS
(73) Lummus Technology Inc.
(72) SCHWINT, Kevin, John
BRUMMER, Robert, J.
(74) ir. P.J. Hylarides c.s.
(31) 201261720038 P
(32) 30.10.2012
(33) United States of America
(47) 28.03.2018

(51) C07C 37/08
C07C 39/04
C07C 1/24
C07C 15/44
C07C 45/53
C07C 49/08
C07C 407/00
C07C 409/10
(11) EP3186214
(21) EP15766629.8
(22) 07.08.2015
(54) CONTROLLED CONVERSION OF DIMETHYL BENZYL ALCOHOL TO CUMENE HYDROPEROXIDE FORMED DURING THE CUMENE OXIDATION PROCESS
(73) SABIC Global Technologies B.V.
(72) NELSON, Mark Erik
DYKMAN, Arkady Samuilovich
ZINENKOV, Andrey Vladimirovich
PINSON, Victor Vladimrovich
(74) ir. H.V. Mertens c.s.
(31) 2014132771
(32) 08.08.2014
(33) Russian Federation
(47) 16.05.2018

(51) C07C 45/74
C07C 49/603
C07C 45/82
C07C 45/85
(11) EP2649032
(21) EP11788104.5
(22) 17.11.2011
(54) METHOD FOR PRODUCING ISOPHORONE
(73) Evonik Degussa GmbH
(72) ORSCHEL, Matthias
JANSEN, Robert
MAIER, Martin
GRUND, Gerda
SCHWARZ, Markus
NITZ, Jörg-Joachim
HENGSTERMANN, Axel
(74) ir. W.J.J.M. Kempes
(31) 102010062587
(32) 08.12.2010
(33) Germany
(47) 04.04.2018

(51) C07C 51/02
C07C 53/122
C07C 55/10
C07C 55/14
C07C 57/04
C07C 57/13
C07C 57/145
C07C 57/15
C07C 59/01
C07C 59/08
C07C 59/195
C07C 59/265
C07C 61/20
(11) EP2812304
(21) EP13705419.3
(22) 08.02.2013
(54) CARBOXYLATE ACIDIFICATION
(73) PURAC Biochem BV
(72) CERDÀ BARÓ, Agustín
VAN BREUGEL, Jan
GROOT, Willem Jacob
DE HAAN, André Banier
JANSEN, Peter Paul
(74) ir. A.R. Aalbers
(31) 12154534
201261596279 P
(32) 08.02.2012
08.02.2012
(33) European Patent Office (EPO)
United States of America
(47) 11.04.2018

(51) C07C 67/02
C07C 69/67
(11) EP3110787
(21) EP15710974.5
(22) 23.02.2015
(54) PROCESS FOR MAKING ESTERS OF 2-ACETOXYALKANOIC ACIDS USING A 3,6-DIALKYL-1,4-DIOXANE-2,5-DIONE OR POLY-(ALPHA-HYDROXYALKANOIC ACID) AS A STARTING MATERIAL
(73) NatureWorks LLC
(72) KULSHRESTHA, Aman
SCHROEDER, Joseph, David
(74) ir. C.M. Jansen c.s.
(31) 201461943993 P
(32) 24.02.2014
(33) United States of America
(47) 11.04.2018

(51) C07C 67/38
C07C 69/42
C07C 69/34
C07C 69/44
C07C 69/612
(11) EP3181547
(21) EP15200511.2
(22) 16.12.2015
(54) METHOD FOR DOUBLE CARBONYLATION OF ALLYL ETHERS TO CORRESPONDING DIESTERS
(73) Evonik Degussa GmbH
(72) LIU, Jie
HAOQUAN, Li
BELLER, Matthias
JACKSTELL, Ralf
FRANKE, Robert
DYBALLA, Katrin Marie
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) C07C 211/63
C07C 215/88
C12Q 1/02
G01N 21/64
G01N 33/52
(11) EP2556047
(21) EP11720571.6
(22) 08.04.2011
(54) METHOD OF ANALYSING A CELL OR OTHER BIOLOGICAL MATERIAL CONTAINING A NUCLEIC ACID
(73) Biostatus Limited
(72) SMITH, Paul James
ERRINGTON, Rachel J.
PATTERSON, Laurence Hylton
(74) J.M.H. Duyver lic.
(31) 201005939
(32) 09.04.2010
(33) United Kingdom
(47) 06.06.2018

(51) C07C 311/21
C07D 295/135
A61K 31/18
A61P 19/00
A61P 19/02
A61P 19/08
A61P 19/10
A61P 29/00
A61P 35/00
C07C 311/39
C07D 239/26
C07D 239/30
C07D 263/20
C07D 303/36
(11) EP2349990
(21) EP09785123.2
(22) 18.09.2009
(54) ARYL-PHENYL-SULFONAMIDE-PHENYLENE COMPOUNDS AND THEIR USE
(73) Pimco 2664 Limited
(72) GREIG, Iain, Robert
SHERIDAN, Rose, Mary

FISHER, Raymond
TOZER, Matthew, John
CLASE, Juha, Andrew
SMITH, Andrew
TUFFNELL, Andrew, Robert
VAN 'T HOF, Robert, Jurgen
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 98275 P
0817208
(32) 19.09.2008
19.09.2008
(33) United States of America
United Kingdom
(47) 02.05.2018

(51) C07C 391/02
(11) EP3095779
(21) EP15168377.8
(22) 20.05.2015
(54) COUPLING OF TWO ARENES WITH SELENIUM DIOXIDE TO FORM A SELENOBIARYL ETHER
(73) Evonik Degussa GmbH
(72) DYBALLA, Katrin Marie
FRANKE, Robert
WALDVOGEL, Siegfried R.
QUELL, Thomas
MIRION, Michael
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) C07D 213/26
C07D 213/30
C07D 213/40
C07D 213/61
C07D 213/64
C07D 213/71
C07D 213/74
C07D 213/78
C07D 405/12
C07D 491/04
A61K 31/44
A61K 31/4355
A61K 31/436
A61K 31/505
A61P 25/00
(11) EP2729447
(21) EP12740520.7
(22) 06.07.2012
(54) POSITIVE ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTOR
(73) H. Lundbeck A/S
(72) ESKILDSEN, Jørgen
SAMS, Anette Graven
PÜSCHL, Ask
(74) J.M.H. Duyver lic.
(31) 201100520 P
201161505847 P
(32) 08.07.2011
08.07.2011
(33) Denmark
United States of America
(47) 30.05.2018

(51) C07D 231/12
C07D 401/04
C07D 401/12
C07D 401/14
C07D 403/04
C07D 403/12
C07D 403/14
C07D 413/12
C07D 413/14
C07D 417/12
C07D 417/14
A61P 35/00
A61K 31/415
A61K 31/4155
(11) EP2509955
(21) EP10779334.1
(22) 07.10.2010
(54) PYRAZOLE DERIVATIVES AS MODULATORS OF CALCIUM RELEASE-ACTIVATED CALCIUM CHANNEL
(73) Rhizen Pharmaceuticals S.A.
(72) MUTHUPPALANIAPPAN, Peyyappan
VISWANADHA, Srikant
MERIKAPUDI, Gayatri, Swaroop
VAKKALANKA, Swaroop, Kumar, V.S.
(74) drs. C.M.A. Quintelier
(31) 2439CH2009
2636CH2009
158CH2010
1513CH2010
1514CH2010
265540 P
(32) 08.10.2009
30.10.2009
25.01.2010
02.06.2010
02.06.2010
01.12.2009
(33) India
India
India
India
India
United States of America
(47) 25.04.2018

(51) C07D 239/26
C07D 239/42
C07D 401/04
C07D 403/04
C07D 405/14
C07D 409/14
A61K 31/505
A61K 31/506
A61P 31/04
(11) EP2938599
(21) EP13722329.3
(22) 30.04.2013
(54) PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF BACTERIAL DISEASES
(73) Janssen Sciences Ireland UC
(72) BONFANTI, Jean-François
MULLER, Philippe
DOUBLET, Frédéric, Marc Maurice
FORTIN, Jérôme, Michel, Claude
LOUNIS, Nacer
(74) ir. W.J.J.M. Kempes
(31) 12166140
(32) 30.04.2012
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) C07D 319/12
B01D 9/00
(11) EP2969092
(21) EP14702844.3
(22) 04.02.2014
(54) PROCESS AND APPARATUS FOR PURIFICATION OF A STREAM CONTAINING A CYCLIC ESTER OF AN ALPHA-HYDROXYCARBOXYLIC ACID
(73) Sulzer Chemtech AG
Futerro S.A.
(72) STEPANSKI, Manfred
FÄSSLER, Peter
COSZACH, Philippe
(74) ir. W.J.J.M. Kempes
(31) 13158539
(32) 11.03.2013
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C07D 401/12
C07D 401/14
C07D 403/14
A61K 31/4439
A61K 31/497
A61K 31/506
A61P 31/14
(11) EP2943481
(21) EP14703956.4
(22) 09.01.2014
(54) (HETERO)ARYLACETAMIDE DERIVATIVES AS ANTIRETROVIRAL AGENTS
(73) Gilead Sciences, Inc.
(72) BRIZGYS, Gediminas
CHOU, Chien-Hung
HALCOMB, Randall, L.
HU, Yunfeng Eric
LIU, Qi
SOMOZA, John, R.
TSE, Winston, C.
ZHANG, Jennifer, R.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361750763 P
(32) 09.01.2013
(33) United States of America
(47) 02.05.2018

(51) C07D 401/12
C07D 403/12
C07D 471/04
C07D 487/04
A61P 35/00
A61K 31/4155
(11) EP2509974
(21) EP10776149.6
(22) 07.10.2010
(54) PYRAZOLES DERIVATIVES MODULATORS OF CALCIUM RELEASE-ACTIVATED CALCIUM CHANNEL AND METHODS FOR TREATMENT OF NON-SMALL CELL LUNG CANCER
(73) Rhizen Pharmaceuticals S.A.
(72) MUTHUPPALANIAPPAN, Meyyappan
VISWANADHA, Srikant
VARANASI, Kanthikiran, Vs.
MERIKAPUDI, Gayatri, Swaroop
VAKKALANKA, Swaroop, Kumar, V., S.
(74) drs. C.M.A. Quintelier
(31) 2439CH2009
2636CH2009
158CH2010
1513CH2010
1514CH2010

2385CH2010
265540 P
(32) 08.10.2009
30.10.2009
25.01.2010
02.06.2010
02.06.2010
19.08.2010
01.12.2009
(33) India
India
India
India
India
India
United States of America
(47) 11.04.2018

(51) C07D 403/06
A61K 31/506
A61K 31/505
A61P 25/22
A61P 25/00
(11) EP2970212
(21) EP14776154.8
(22) 06.03.2014
(54) SUBSTITUTED PYRIDINE AND PYRAZINE COMPOUNDS AS PDE4 INHIBITORS
(73) Dart Neuroscience (Cayman) Ltd.
(72) BOLLU, Venkataiah
BREITENBUCHER, James
KAPLAN, Alan
LEMUS, Robert
LINDSTROM, Andrew
VICKERS, Troy
WILSON, Mark, E.
ZAPF, James
WEINHOUSE, Michael, I.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361786288 P
(32) 14.03.2013
(33) United States of America
(47) 25.04.2018

(51) C07D 403/12
C07D 401/14
C07D 403/14
C07D 471/08
A61K 31/517
A61P 35/00
A61P 29/00
(11) EP2941426
(21) EP13821357.4
(22) 20.12.2013
(54) SUBSTITUTED PYRIMIDINE AMINOALKYL-QUINAZOLONES AS PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS
(73) Gilead Calistoga LLC
(72) EVARTS, Jerry
PATEL, Leena
TREIBERG, Jennifer, A.
PERREAULT, Stephane
YEUNG, Arthur
PURVIS, Lafe, J., II
KIM, Musong
(74) dr. A. Krebs
(31) 201261745429 P
(32) 21.12.2012
(33) United States of America
(47) 13.06.2018

(51) C07D 409/12
A61K 31/381
A61P 9/00
(11) EP2881392
(21) EP14191380.6
(22) 16.11.2011
(54) Agonists that enhance binding of integrin-expressing cells to integrin receptors
(73) Texas Heart Institute
(72) Biediger, Ronald, J.
Gundlach, IV, William, C.
Market, Robert, V.
Savage, Michael, M.
Vanderslice, Peter
(74) dr. A. Krebs
(31) 414271 P
(32) 16.11.2010
(33) United States of America
(47) 06.06.2018

(51) C07D 487/04
A61K 31/4985
A61P 35/00
A61P 3/00
A61P 9/00
A61P 29/00
(11) EP3053923
(21) EP13894061.4
(22) 30.09.2013
(54) TRIAZOLOPYRAZINE DERIVATIVES AS TYROSIN KINASE INHIBITORS
(73) Korea Research Institute of Chemical Technology
Handok Inc.
(72) JUNG, Hee Jung
HA, Jae Du
CHO, Sung Yun
KIM, Hyoung Rae
LEE, Kwang Ho
LEE, Chong Ock
CHOI, Sang Un
PARK, Chi Hoon
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 11.04.2018

(51) C07D 487/04
A61K 31/519
A61P 35/00
(11) EP2925745
(21) EP13859147.4
(22) 26.11.2013
(54) CXCR7 ANTAGONISTS
(73) ChemoCentryx, Inc.
(72) FAN, Junfa
KRASINSKI, Antoni
LANGE, Christopher W.
LUI, Rebecca M.
MCMAHON, Jeffrey P.
POWERS, Jay P.
ZENG, Yibin
ZHANG, Penglie
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261731463 P
(32) 29.11.2012
(33) United States of America
(47) 04.04.2018

(51) C07F 9/09
C07F 9/24
C07F 9/141
C07D 263/14
C07C 271/16
C07C 217/28
(11) EP3138844
(21) EP16192172.1
(22) 30.06.2006
(54) COMPOUNDS FOR PREPARING IMMUNOLOGICAL ADJUVANT
(73) Eisai R&D Management Co., Ltd.
(72) FANG, Francis G.
FOY, James E.
HAWKINS, Lynn
LEMELIN, Charles
LESCARBEAU, Andre
NIU, Xiang
WU, Kuo-ming
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 695324 P
(32) 30.06.2005
(33) United States of America
(47) 02.05.2018

(51) C07K 7/06
C07K 14/47
C07K 14/435
C07K 16/00
(11) EP2952521
(21) EP14191558.7
(22) 18.03.2005
(54) Peptides derived from human BPLP protein, polynucleotides coding for said peptides and antibodies directed against said peptides
(73) Institut Pasteur
(72) Rougeot, Catherine
Huaulme, Jean-François
Ungeheuer, Marie-Noëlle
Wisner, Anne
Dufour, Evelyne
(74) ir. P.J. Hylarides c.s.
(31) 04290754
(32) 19.03.2004
(33) European Patent Office (EPO)
(47) 25.04.2018

(51) C07K 14/00
C07K 14/76
C07K 17/00
(11) EP2855509
(21) EP13793564.9
(22) 23.05.2013
(54) NON-NATURAL CONSENSUS ALBUMIN BINDING DOMAINS
(73) Janssen Biotech, Inc.
(72) JACOBS, Steven
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261651642 P
201361776918 P
(32) 25.05.2012
12.03.2013
(33) United States of America
United States of America
(47) 02.05.2018

(51) C07K 14/005
C12N 15/867
A61K 38/16
(11) EP2992004
(21) EP14724030.3
(22) 30.04.2014

(54) PROTRANSDUCIN B AN ENHANCER OF GENE TRANSFER
(73) Pharis Biotec GmbH
(72) FORSSMANN, Wolf-Georg
ZGRAJA, Andreas
RICHTER, Rudolf
(74) ir. F.A. Geurts c.s.
(31) 13166266
(32) 02.05.2013
(33) European Patent Office (EPO)
(47) 06.06.2018

(51) C07K 14/71
A61K 38/18
A61Q 7/02
A61Q 19/00
(11) EP3037433
(21) EP15198599.1
(22) 09.05.2012
(54) WNT FAMILY-DERIVED PEPTIDES AND USE THEREOF
(73) Caregen Co., Ltd.
(72) CHUNG, Yong Ji
KIM, Eun Mi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20110077566
(32) 04.08.2011
(33) Korea (Republic)
(47) 18.04.2018

(51) C07K 14/72
A61P 35/00
A61K 38/17
A61K 39/385
C07K 16/28
C12N 5/10
C12N 15/12
C12N 15/63
(11) EP2139917
(21) EP08717866.1
(22) 14.03.2008
(54) ANTI-ANDROGEN PEPTIDES AND USES THEREOF IN CANCER THERAPY
(73) Cancer Research Technology Limited
(72) AURICCHIO, Ferdinando
MIGLIACCIO, Antimo
(74) dr. W.A.H.M. Van Borm
(31) 895424 P
(32) 16.03.2007
(33) United States of America
(47) 25.04.2018

(51) C07K 16/28
A61K 39/395
C07K 16/18
A61P 35/00
A61K 39/00
(11) EP2739310
(21) EP12741236.9
(22) 25.07.2012
(54) IMPROVED METHODS AND COMPOSITIONS FOR MODULATION OF OLFML3 MEDIATED ANGIOGENESIS
(73) Research Development Foundation
(72) IMHOF, Beat, A.
MILJKOVIC-LICINA, Marijana
HAMMEL, Philippe
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161515669 P
201261664491 P
(32) 05.08.2011
26.06.2012
(33) United States of America
United States of America
(47) 18.04.2018

(51) C07K 16/28
C07K 16/46
A61K 39/395
A61P 35/00
(11) EP3018145
(21) EP15195076.3
(22) 27.10.2011
(54) MEANS AND METHODS FOR TREATING DLBCL
(73) Amgen Research (Munich) GmbH
(72) ZUGMAIER, Gerhard
NAGORSEN, Dirk
SCHEELE, Juergen
(74) ir. A.R. Aalbers
(31) 407107 P
(32) 27.10.2010
(33) United States of America
(47) 04.04.2018

(51) C08G 18/28
(11) EP2207831
(21) EP08846463.1
(22) 24.10.2008
(54) DISPERSION ADHESIVES II
(73) Covestro Deutschland AG
(72) KRAUS, Harald
HENNING, Wolfgang
ARNDT, Wolfgang
(74) ir. W.J.J.M. Kempes
(31) 102007052966
102008038899
(32) 07.11.2007
13.08.2008
(33) Germany
Germany
(47) 04.04.2018

(51) C08G 18/50
C08G 65/26
(11) EP2115026
(21) EP07862751.0
(22) 11.12.2007
(54) AMINE-INITIATED POLYOLS AND RIGID POLYURETHANE FOAM MADE THEREFROM
(73) Dow Global Technologies LLC
(72) MORLEY, Timothy, A.
CASATI, Francois, M.
BIRCH, Adrian, J.
BABB, David, A.
MARTIN, Charles, A.
(74) ir. J.D. de Zeeuw
(31) 898367 P
(32) 30.01.2007
(33) United States of America
(47) 02.05.2018

(51) C08G 59/20
C08K 3/36
C08K 7/18
C08L 63/00
H01L 23/29
H01L 23/31
(11) EP2660263
(21) EP11854073.1
(22) 27.12.2011
(54) CURABLE EPOXY RESIN COMPOSITION
(73) Dow Corning Toray Co., Ltd.
(72) MASATOMI, Toru
YOSHIZAWA, Takeshi
MORITA, Yoshitsugu
SASAKI, Motoshi
(74) ir. J.D. de Zeeuw
(31) 2010289723
(32) 27.12.2010
(33) Japan
(47) 11.04.2018

(51) C08G 65/336
C08G 65/08
C08F 230/08
(11) EP2493956
(21) EP10771440.4
(22) 28.10.2010
(54) MOISTURE-CURING FORMULATIONS WITH TIME-MODIFIED CURING BEHAVIOR
(73) Henkel AG & Co. KGaA
(72) ZANDER, Lars
GENTSCHEV, Pavel
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 102009046268
102010000705
(32) 30.10.2009
06.01.2010
(33) Germany
Germany
(47) 18.04.2018

(51) C08G 69/04
C08G 69/28
B29C 47/00
B29C 47/40
B29C 47/60
B29C 47/10
(11) EP2877516
(21) EP13758912.3
(22) 25.07.2013
(54) METHOD FOR PREPARING A POLYAMIDE BY REACTIVE EXTRUSION, AND EXTRUDER ADAPTED FOR THE IMPLEMENTATION OF SUCH A METHOD
(73) Setup Performance
(72) LAGNEAUX, Didier
GIMENEZ, Jérôme
BROSSE,Anne-Carine
GOUJARD, Laurent
SAUTEL, Henri
(74) ir. P.J. Hylarides c.s.
(31) 1257317
(32) 27.07.2012
(33) France
(47) 04.04.2018

(51) C08G 75/0209
C08G 75/0231
C08G 75/0263
C08G 75/14
C08L 81/02
(11) EP2115035
(21) EP08704589.4
(22) 04.01.2008
(54) POLYARYLENE SULFIDE RESIN WITH EXCELLENT LUMINOSITY AND PREPARATION METHOD THEREOF

(73) SK Chemicals Co., Ltd.
(72) LEE, Young-Rok
CHA, Il-Hoon
CHO, Jun-Sang
SHIN, Yong-Jun
(74) ir. C.M. Jansen c.s.
(31) 20070000966
(32) 04.01.2007
(33) Korea (Republic)
(47) 25.04.2018

(51) C08L 27/18
B01D 71/36
B01D 46/54
C08K 3/36
(11) EP2840115
(21) EP13778043.3
(22) 19.04.2013
(54) COMPOSITION MAINLY COMPOSED OF PTFE, MIXED POWDER, MOLDING MATERIAL, FILTERING MEDIUM FOR FILTER, AIR FILTER UNIT, AND POROUS MEMBRANE MANUFACTURING METHOD
(73) Daikin Industries, Ltd.
(72) CHAEN, Shinichi
KIYOTANI, Hideyuki
INUI, Kunihiko
YAMANAKA, Taku
BAO, Li
SHIBUYA, Yoshiyuki
YAMAMOTO, Seigo
KOBAYASHI, Makoto
KASAI, Shunji
NIINUMA, Hitoshi
(74) J.M.H. Duyver lic.
(31) 2012096510
2013075534
(32) 20.04.2012
31.03.2013
(33) Japan
Japan
(47) 06.06.2018

(51) C08L 63/00
C01G 23/00
C08K 3/28
C08K 9/06
C08L 101/00
H01L 23/29
H01L 23/31
(11) EP3085736
(21) EP14871662.4
(22) 17.12.2014
(54) BLACK TITANIUM OXYNITRIDE POWDER, AND SEMICONDUCTOR SEALING RESIN COMPOUND USING SAME
(73) Mitsubishi Materials Electronic Chemicals Co., Ltd.
(72) KAGEYAMA, Kensuke
ISHIKURO, Shigeki
(74) ir. H.J.G. Lips c.s.
(31) 2013261156
(32) 18.12.2013
(33) Japan
(47) 13.06.2018

(51) C09D 15/00
C09D 17/00
C08K 3/00
B27K 3/50
B27K 3/00
B27K 3/52
(11) EP3115427
(21) EP16178442.6
(22) 07.07.2016
(54) METHOD FOR PREPARING A PIGMENT COMPOSITION FOR WOOD AND USE OF THE PIGMENT COMPOSITION
(73) Marnar Bruk AS
(72) Birkeland, Espen
(74) ir. J.M.G. Dohmen c.s.
(31) 20150908
(32) 10.07.2015
(33) Norway
(47) 18.04.2018

(51) C09K 3/10
F16J 15/00
C10M 139/02
(11) EP2553037
(21) EP11766330.2
(22) 07.03.2011
(54) METHOD FOR IMPROVING FLUOROCARBON ELASTOMER SEAL COMPATIBILITY
(73) Chevron Oronite Company LLC
(72) NELSON, Kenneth, D.
YAMAGUCHI, Elaine, S.
NG, Kam-Sik
ROGERS, Paula, S.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 798253
(32) 31.03.2010
(33) United States of America
(47) 02.05.2018

(51) C09K 11/06
C12Q 1/68
C09B 15/00
C07D 219/04
(11) EP1802727
(21) EP05801162.8
(22) 16.09.2005
(54) FLUORESCENT DYE COMPOUNDS, CONJUGATES AND USES THEREOF
(73) Life Technologies Corporation
(72) GRAHAM, Ronald J.
ZOU, Ruiming
UPADHYA, Krishna G.
BENSON, Scott C.
(74) J.M.H. Duyver lic.
(31) 611119 P
(32) 16.09.2004
(33) United States of America
(47) 04.04.2018

(51) C10G 3/00
C10G 45/44
C10G 45/46
C10G 45/58
C10G 45/60
C10G 65/08
C10G 65/12
(11) EP3019577
(21) EP14744614.0
(22) 11.07.2014
(54) PROCESS FOR PRODUCING HYDROCARBONS
(73) UPM-Kymmene Corporation
(72) NOUSIAINEN, Jaakko
LINDBERG, Teemu
EILOS, Isto
LAUMOLA, Heli
VILONEN, Kati
(74) ir. A.R. Aalbers
(31) 20135770
(32) 12.07.2013
(33) Finland
(47) 18.04.2018

(51) C10G 9/00
C10G 9/30
C10G 9/32
B01J 8/18
B01J 8/34
B01J 8/38
(11) EP2964728
(21) EP14709078.1
(22) 21.02.2014
(54) FLUID BED COKING APPARATUS AND PROCESS WITH DECOUPLED COKING ZONE AND STRIPPING ZONE
(73) ExxonMobil Research and Engineering Company
(72) DU, Bing
HEALY, Timothy, M.
BERNATZ, Fritz, A.
HUANG, Yi, En
MARTIN, Zachary, Robert
RAICH, Brenda, Anne
(74) ir. W.J.J.M. Kempes
(31) 201361775009 P
201414185243
(32) 08.03.2013
20.02.2014
(33) United States of America
United States of America
(47) 04.04.2018

(51) C10G 21/08
E21B 43/40
(11) EP2850155
(21) EP13791201.0
(22) 16.05.2013
(54) PROCESS FOR REMOVING MERCURY FROM FLUIDS
(73) Chevron U.S.A. Inc.
(72) COOPER, Russell Evan
O'REAR, Dennis John
GALLUP, Darrell Lynn
YOUNG, Lyman Arnold
YEAN, Sujin
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261648061 P
(32) 16.05.2012
(33) United States of America
(47) 04.04.2018

(51) C10G 45/08
C10G 65/04
B01J 23/652
B01J 23/74
B01J 23/75
B01J 23/755
B01J 23/882
B01J 23/883
B01J 23/24
B01J 23/28
B01J 20/06
(11) EP2816093
(21) EP14305832.9

(22) 02.06.2014
(54) METHOD FOR REMOVING ARSENIC FROM A HYDROCARBON FEEDSTOCK
(73) IFP Energies nouvelles
(72) Marion, Marie-Claire
Leflaive, Philibert
Pucci, Annick
(74) ir. W.J.J.M. Kempes
(31) 1355932
(32) 21.06.2013
(33) France
(47) 04.04.2018

(51) C10G 47/16
C10G 47/18
C10G 47/20
B01J 29/10
B01J 29/12
B01J 29/16
(11) EP1558704
(21) EP03768641.7
(22) 04.11.2003
(54) EXTREMELY LOW ACIDITY ULTRASTABLE Y ZEOLITE CATALYST COMPOSITION AND PROCESS
(73) Chevron U.S.A. Inc.
(72) TIMKEN, Hye, Kyung, C.
BULL, Lucy, Melinda
HARRIS, Thomas, V.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 290791
(32) 08.11.2002
(33) United States of America
(47) 11.04.2018

(51) C10G 69/00
C10G 69/04
C10G 69/06
(11) EP3017027
(21) EP14735910.3
(22) 30.06.2014
(54) PROCESS FOR THE PRODUCTION OF LIGHT OLEFINS AND AROMATICS FROM A HYDROCARBON FEEDSTOCK
(73) Saudi Basic Industries Corporation
SABIC Global Technologies B.V.
(72) WARD, Andrew Mark
OPRINS, Arno Johannes Maria
HOUSMANS, Thomas Hubertus Maria
(74) ir. J.M.G. Dohmen c.s.
(31) 13174765
(32) 02.07.2013
(33) European Patent Office (EPO)
(47) 06.06.2018

(51) C10J 3/02
C10J 3/10
C10J 3/18
C10J 3/86
C10K 1/02
C10K 1/06
(11) EP2799520
(21) EP12861472.4
(22) 26.10.2012
(54) BIOMASS GASIFICATION ISLAND PROCESS UNDER HIGH TEMPERATURE AND ATMOSPHERIC PRESSURE
(73) Wuhan Kaidi Engineering Technology Research Institute Co., Ltd.
(72) ZHANG, Yanfeng
XIA, Minggui
NIE, Hongtao
LIU, Wenyan
ZHANG, Liang
(74) ir. W.J.J.M. Kempes
(31) 201110449566
(32) 29.12.2011
(33) China
(47) 04.04.2018

(51) C10K 1/00
C01B 3/38
C10G 2/00
C01B 3/48
(11) EP2543626
(21) EP11750326.8
(22) 21.02.2011
(54) SYNTHESIS GAS PRODUCTION METHOD
(73) Japan Oil, Gas and Metals National Corporation
INPEX Corporation
JXTG Nippon Oil & Energy Corporation
Japan Petroleum Exploration Co., Ltd.
Cosmo Oil Co., Ltd.
Nippon Steel & Sumikin Engineering Co., Ltd.
Chiyoda Corporation
(72) HODOSHIMA, Shinya
YAGI, Fuyuki
WAKAMATSU, Shuhei
KAWAZUISHI, Kenichi
(74) ir. J.M.G. Dohmen c.s.
(31) 2010045699
2010045697
(32) 02.03.2010
02.03.2010
(33) Japan
Japan
(47) 30.05.2018

(51) C10K 1/08
(11) EP2435540
(21) EP10723987.3
(22) 25.05.2010
(54) PROCESS FOR RECOVERY OF CARBON DIOXIDE FROM A FLUID STREAM, IN PARTICULAR FROM SYNGAS
(73) BASF SE
JGC Corporation
(72) KATZ, Torsten
SIEDER, Georg
TANAKA, Koji
(74) ir. W.J.J.M. Kempes
(31) 09161167
(32) 26.05.2009
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C10L 1/10
C10L 1/12
C10L 1/18
C10L 1/198
C10L 10/06
C10L 10/18
(11) EP1512736
(21) EP04255073.1
(22) 24.08.2004
(54) Stabilised diesel fuel additive compositions
(73) Infineum International Limited
(72) Caprotti, Rinaldo
Thompson, Russell Martin
(74) ir. C.M. Jansen c.s.
(31) 03255551
(32) 05.09.2003
(33) European Patent Office (EPO)
(47) 02.05.2018

(51) C10L 1/2383
C10L 1/233
C10L 1/238
C10L 1/222
C10L 10/18
C10L 1/24
C10M 133/48
C08G 61/12
C10M 149/12
C10M 159/12
C07C 217/58
C08K 5/3437
(11) EP2267104
(21) EP10180585.1
(22) 21.02.2007
(54) Use of polynuclear phenolic compounds as dispersants
(73) BASF SE
(72) Lange, Arno
Mach, Helmut
Rath, Hans Peter
Posselt, Dietmar
(74) ir. W.J.J.M. Kempes
(31) 06003970
(32) 27.02.2006
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C10L 5/08
C10L 5/44
C10L 9/06
C10L 9/08
C10L 5/36
(11) EP2838981
(21) EP14702629.8
(22) 05.02.2014
(54) METHOD OF PRODUCING CARBON-ENRICHED BIOMASS MATERIAL
(73) Arbaflame Technology AS
(72) BRUSLETTO, Rune
KLEINERT, Mike
(74) J.M.H. Duyver lic.
(31) 13154462
(32) 07.02.2013
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) C10M 169/04
C10M 161/00
(11) EP1538193
(21) EP04256985.5
(22) 11.11.2004
(54) Lubricating oil compositions
(73) Infineum International Limited
(72) Gutierrez, Antonio
Emert, Jacob
Ritchie, Andrew, J. D.
Minotti, Michael
(74) ir. C.M. Jansen c.s.
(31) 727941
(32) 04.12.2003
(33) United States of America
(47) 25.04.2018

(51) C11B 1/10
A23F 5/46

C11B 3/12
(11) EP3234082
(21) EP15816418.6
(22) 15.12.2015
(54) METHOD FOR THE EXTRACTION OF OILY COMPONENTS FROM COFFEE BEANS AND/OR OF RESIDUAL MATERIALS OF COFFEE PRODUCTION
(73) GCR - Global Commodity Resources UG (Haftungsbeschränkt)
(72) GLISOVIC, Anja
HANDRICK, Stefan
HINRICHS, Frank
(74) ir. C.M. Jansen c.s.
(31) 102014225940
(32) 15.12.2014
(33) Germany
(47) 04.04.2018

(51) C11D 3/39
A01N 59/00
A01N 37/16
C07C 407/00
C07C 409/24
B01F 5/06
B01J 19/24
B01J 4/00
B01F 15/02
(11) EP2687094
(21) EP13185496.0
(22) 20.12.2011
(54) Generation of peroxcarboxylic acids at alkaline pH, and their use as textile bleaching and antimicrobial agents
(73) Ecolab USA Inc.
(72) Fast, Jonathan P.
Hei, Robert D.P.
Staub, Richard
Duerrschmidt, Thomas J.
Forth, Peter J.
Li, Junzhong
Mcsherry, David D.
Merz, Thomas
Winter, Johannes
(74) dr. W.A.H.M. Van Borm
(31) 201061427965 P
201061427951 P
(32) 29.12.2010
29.12.2010
(33) United States of America
United States of America
(47) 02.05.2018

(51) C12N 1/00
C12N 1/20
A23L 29/00
A23L 33/135
A23L 13/40
(11) EP2292731
(21) EP10172690.9
(22) 12.08.2010
(54) Method for preparing complex cultures
(73) DuPont Nutrition Biosciences ApS
(72) Budde-Niekiel, Andrea
Friedrich, Udo
Goelling, Detlef Uwe
Gronau, Oliver
(74) ir. W.J.J.M. Kempes
(31) 09010437
(32) 13.08.2009
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C12N 1/16
C12P 21/02
A23L 27/24
A23L 33/14
A23L 33/145
(11) EP2554656
(21) EP11759611.4
(22) 25.03.2011
(54) METHOD FOR CULTURING YEAST
(73) Asahi Group Holdings, Ltd.
(72) TANAKA Miwa
KAWASHIMA Kenji
(74) ir. W.J.J.M. Kempes
(31) 2010073818
(32) 26.03.2010
(33) Japan
(47) 16.05.2018

(51) C12N 5/02
C12N 5/22
(11) EP2066786
(21) EP07804383.3
(22) 24.09.2007
(54) STEM CELL CULTURE MEDIUM AND METHOD
(73) RIKEN
(72) SASAI, Yoshiki
WATANABE, Kiichi
(74) ir. H.V. Mertens c.s.
(31) 2006257780
2007118183
0710095
(32) 22.09.2006
27.04.2007
25.05.2007
(33) Japan
Japan
United Kingdom
(47) 02.05.2018

(51) C12N 9/02
C12N 9/10
C12N 15/52
C12P 7/64
C12P 19/12
C12P 19/44
(11) EP2580321
(21) EP11730241.4
(22) 10.06.2011
(54) YEAST STRAINS MODIFIED IN THEIR SOPHOROLIPID PRODUCTION AND USES THEREOF
(73) Universiteit Gent
(72) SOETAERT, Wim
DE MAESENEIRE, Sofie
SAERENS, Karen
ROELANTS, Sophie
VAN BOGAERT, Inge
(74) ir. W.J.J.M. Kempes
(31) 201009882
(32) 11.06.2010
(33) United Kingdom
(47) 11.04.2018

(51) C12N 9/14
(11) EP3039135
(21) EP14783532.6
(22) 27.08.2014
(54) POLYPEPTIDE FOR THE HYDROLYTIC CLEAVAGE OF ZEARALENONE AND/OR ZEARALENONE DERIVATIVES, ISOLATED POLYNUCLEOTIDE THEREOF, AND ADDITIVE CONTAINING POLYPEPTIDE, USE OF SAID POLYPEPTIDE AND METHOD
(73) Erber Aktiengesellschaft
(72) FRUHAUF, Sebastian
THAMHESL, Michaela
PFEFFER, Martin
MOLL, Dieter
SCHATZMAYR, Gerd
BINDER, Eva Maria
(74) ir. C.M. Jansen c.s.
(31) 6672013
(32) 28.08.2013
(33) Austria
(47) 04.04.2018

(51) C12N 9/64
(11) EP2929025
(21) EP13818680.4
(22) 04.12.2013
(54) METHOD FOR RECOMBINANT PRODUCTION OF HORSESHOE CRAB FACTOR C PROTEIN IN PROTOZOA
(73) Hyglos Invest GmbH
(72) BUCHBERGER, Bernd
MOLINARO, Sonja
GRALLERT, Holger
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 12195742
201261734002 P
(32) 05.12.2012
06.12.2012
(33) European Patent Office (EPO)
United States of America
(47) 11.04.2018

(51) C12N 15/09
A01H 5/00
A61K 39/106
A61K 39/108
A61P 31/04
C07K 14/245
C07K 14/25
C07K 14/28
C07K 19/00
C12N 5/10
A61K 39/112
(11) EP2287300
(21) EP09738819.3
(22) 28.04.2009
(54) BACTERIAL TOXIN VACCINE
(73) Idemitsu Kosan Co., Ltd.
National University Corporation Nara Institute of Science and Technology
(72) SAWADA, Kazutoshi
MATSUI, Takeshi
(74) ir. J.M.G. Dohmen c.s.
(31) 2008120573
(32) 02.05.2008
(33) Japan
(47) 27.06.2018

(51) C12N 15/10
C12Q 1/68
C40B 40/06
C40B 50/06
(11) EP3026113

(21) EP15199741.8
(22) 18.09.2009
(54) COMBINED AUTOMATED PARALLEL SYNTHESIS OF POLYNUCLEOTIDE VARIANTS
(73) Codexis, Inc.
(72) COLBECK, Jeffrey
MIJTS, Benjamin
GIVER, Lorraine Joan
FOX, Richard, J.
MITCHELL, Vesna
PAK, Bumshik, Robert
GILSON, Lynne
(74) ir. M.F.J.M. Ketelaars c.s.
(31) PCT/US2009/047046
483089
(32) 11.06.2009
11.06.2009
(33) World Intellectual Property Office (WIPO)
United States of America
(47) 02.05.2018

(51) C12N 15/11
A61K 38/28
C07H 21/02
(11) EP2794880
(21) EP12860563.1
(22) 21.12.2012
(54) METHODS FOR MODULATING METASTASIS-ASSOCIATED-IN-LUNG-ADENOCARCINOMA-TRANSCRIPT-1(MALAT-1) EXPRESSION
(73) Ionis Pharmaceuticals, Inc.
(72) BENNETT, C., Frank
FREIER, Susan, M.
MARCUSSON, Eric, G.
HSU, Ssucheng, J.
MACLEOD, Robert, A.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161579343 P
(32) 22.12.2011
(33) United States of America
(47) 02.05.2018

(51) C12N 15/11
C12Q 1/68
(11) EP2918679
(21) EP13852737.9
(22) 26.09.2013
(54) METHOD FOR DETECTING GASTRIC POLYP AND GASTRIC CANCER USING MARKER GENE OF GASTRIC POLYP AND GASTRIC CANCER-SPECIFIC METHYLATION
(73) Genomictree, Inc.
(72) AN, Sung Hwan
OH, Tae Jeong
(74) ir. C.M. Jansen c.s.
(31) 20120125539
(32) 07.11.2012
(33) Korea (Republic)
(47) 09.05.2018

(51) C12N 15/113
A61K 31/712
A61K 31/713
A61P 1/16
A61P 11/00
A61P 35/00
(11) EP2999785
(21) EP14730051.1
(22) 22.05.2014
(54) SERPINA1 IRNA COMPOSITIONS AND METHODS OF USE THEREOF
(73) Alnylam Pharmaceuticals, Inc.
(72) SEHGAL, Alfica
CHARISSE, Klaus
BETTENCOURT, Brian
MAIER, Martin
RAJEEV, Kallanthottathil G.
HINKLE, Gregory
MANOHARAN, Muthiah
(74) ir. W.J.J.M. Kempes
(31) 201361826125 P
201361898695 P
201461979727 P
201461989028 P
(32) 22.05.2013
01.11.2013
15.04.2014
06.05.2014
(33) United States of America
United States of America
United States of America
United States of America
(47) 04.04.2018

(51) C12N 15/113
A61K 31/7125
(11) EP2788487
(21) EP12805882.3
(22) 07.12.2012
(54) OLIGONUCLEOTIDE ANALOGUES TARGETING HUMAN LMNA
(73) Sarepta Therapeutics, Inc.
(72) KOLE, Ryszard
BESTWICK, Richard, Keith
(74) ir. W.J.J.M. Kempes
(31) 201161568590 P
(32) 08.12.2011
(33) United States of America
(47) 04.04.2018

(51) C12N 15/113
A61K 48/00
A61K 31/7088
C12N 15/63
(11) EP2519632
(21) EP10841707.2
(22) 30.12.2010
(54) TREATMENT OF INSULIN RECEPTOR SUBSTRATE 2 (IRS2) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO IRS2 AND TRANSCRIPTION FACTOR E3 (TFE3)
(73) CuRNA, Inc.
(72) COLLARD, Joseph
KHORKOVA SHERMAN, Olga
(74) ir. W.J.J.M. Kempes
(31) 291419 P
(32) 31.12.2009
(33) United States of America
(47) 11.04.2018

(51) C12N 15/117
A61K 39/39
C12Q 1/68
A61P 43/00
A61K 39/02
A61K 39/12
A61P 37/04
(11) EP2714908
(21) EP12726042.0
(22) 25.05.2012
(54) IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES
(73) Intervet International B.V.
(72) SCHRIER, Carla Christina
ILG, Thomas Simon
(31) 11167605
201161490387 P
(32) 26.05.2011
26.05.2011
(33) European Patent Office (EPO)
United States of America
(47) 18.04.2018

(51) C12N 15/54
C12N 9/10
C12N 15/63
C12P 21/02
C12N 1/21
A61K 38/45
(11) EP2481803
(21) EP12152893.9
(22) 18.03.2002
(54) Molecules of nucleic acids coding a dextran-saccharase catalysing the synthesis of dextran having alpha-1,2 osidic branching
(73) Institut National des Sciences Appliquées (INSA)
(72) Monsan, Pierre
Remaud, Magali
Bozonnet, Sophie
Willemot, René-Marc
(74) ir. W.J.J.M. Kempes
(31) 0103631
0116495
(32) 16.03.2001
19.12.2001
(33) France
France
(47) 11.04.2018

(51) C12N 15/82
A01H 5/00
C12Q 1/68
(11) EP2503872
(21) EP10832057.3
(22) 16.11.2010
(54) TRANSGENIC MAIZE EVENT MON 87427 AND THE RELATIVE DEVELOPMENT SCALE
(73) Monsanto Technology LLC
(72) FENG, Paul, C.C.
FONSECA, Agustin, E.
GARNAAT, Carl, W.
HEREDIA, Oscar
HUANG, Jintai
KELLY, Rebecca, A.
QI, Youlin
STOECKER, Martin, A.
(74) ir. F.A. Geurts c.s.
(31) 263530 P
263526 P
(32) 23.11.2009
23.11.2009
(33) United States of America
United States of America
(47) 09.05.2018

(51) C12P 13/02

(11) EP2267143
(21) EP09720458.0
(22) 13.03.2009
(54) PROCESS FOR PRODUCTION OF AMIDE COMPOUNDS
(73) Mitsubishi Chemical Corporation
(72) KANOU, Makoto
NIWA, Kiyonobu
ODA, Masahito
(74) J.M.H. Duyver lic.
(31) 2008066102
(32) 14.03.2008
(33) Japan
(47) 06.06.2018

(51) C12P 19/34
A61K 48/00
C07K 14/435
(11) EP2948559
(21) EP14743871.7
(22) 24.01.2014
(54) KV1.3 ANTAGONISTS AND METHODS OF USE
(73) Janssen Biotech, Inc.
(72) CHI, Ellen
EDWARDS, Wilson
HUANG, Chichi
LEUNG, Wai-Ping
SWANSON, Ronald
WICKENDEN, Alan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201361756777 P
201361757389 P
(32) 25.01.2013
28.01.2013
(33) United States of America
United States of America
(47) 02.05.2018

(51) C12Q 1/68
(11) EP2792752
(21) EP12857270.8
(22) 11.12.2012
(54) METHOD FOR THE DIAGNOSIS OF ACUTE RENAL DAMAGE
(73) Fundación Para La Investigación Biomédica Del Hospital Universitario Ramón Y Cajal
(72) AGUADO FRAILE, Elia
RAMOS MUÑOZ, Miren Edurne
CANDELA TOHA, Angel Manuel
LIAÑO GARCIA, Fernando
GARCIA BERMEJO, María Laura
(74) J.M.H. Duyver lic.
(31) 201132023
(32) 15.12.2011
(33) Spain
(47) 04.04.2018

(51) C12Q 1/689
C12Q 1/6818
(11) EP3135775
(21) EP16192262.0
(22) 10.11.2011
(54) KIT FOR DETECTING AND IDENTIFYING MYCOBACTERIA
(73) Brandeis University
(72) WANGH, Lawrence, J
RICE, John
(74) ir. J.M.G. Dohmen c.s.
(31) 412190 P
(32) 10.11.2010
(33) United States of America
(47) 27.06.2018

(51) C21D 8/06
C21D 9/52
C21D 9/573
(11) EP2271779
(21) EP09737912.7
(22) 13.02.2009
(54) STEEL FILAMENT PATENTED IN BISMUTH
(73) NV Bekaert SA
(72) VANOVERBERGHE, Koen
DEKEYSER, Willem
MEERSSCHAUT, Dirk
(74) ir. W.J.J.M. Kempes
(31) 08155484
(32) 30.04.2008
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C22C 9/00
C22C 9/04
(11) EP3041966
(21) EP14809274.5
(22) 29.08.2014
(54) COPPER ALLOY, WHICH CONTAINS IRON AND PHOSPHOR
(73) KME Germany GmbH & Co. KG
(72) SCHULZE, Hark
RODE, Dirk
(74) J.M.H. Duyver lic.
(31) 102013014501
(32) 02.09.2013
(33) Germany
(47) 30.05.2018

(51) C22C 38/00
C21D 9/08
C22C 19/05
C22C 38/16
C22C 38/58
C23F 15/00
(11) EP1717330
(21) EP05709298.3
(22) 25.01.2005
(54) METAL TUBE FOR USE IN CARBURIZING GAS ATMOSPHERE
(73) Nippon Steel & Sumitomo Metal Corporation
(72) NISHIYAMA, Yoshitaka, Sumitomo Metal Ind. Ltd.
OTSUKA, Nobuo, Sumitomo Metal Industries, Ltd.
KUDO, Takeo, Sumitomo Metal Industries, Ltd.
(74) ir. J.M.G. Dohmen c.s.
(31) 2004035261
2004035262
(32) 12.02.2004
12.02.2004
(33) Japan
Japan
(47) 13.06.2018

(51) C23C 2/00
C23C 2/20
(11) EP3221486
(21) EP15775410.2
(22) 02.10.2015
(54) METHOD AND DEVICE FOR COATING A METAL STRIP WITH A COATING MATERIAL WHICH IS AT FIRST STILL LIQUID
(73) Fontaine Engineering und Maschinen GmbH
(72) FONTAINE, Dominique
(74) ir. C.M. Jansen c.s.
(31) 102014223818
(32) 21.11.2014
(33) Germany
(47) 11.04.2018

(51) C23C 16/04
C23C 16/54
C23C 16/455
(11) EP2536866
(21) EP11705289.4
(22) 17.02.2011
(54) CONTINUOUS PATTERNED LAYER DEPOSITION
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) DE GRAAF, Ariël
VAN ZWET, Erwin John
POODT, Paulus Willibrordus George
VERMEER, Adrianus Johannes Petrus Maria
(74) ir. C.M. Jansen c.s.
(31) 10154037
(32) 18.02.2010
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) C23C 22/44
C25D 13/02
C25D 13/20
C23C 22/83
(11) EP2890830
(21) EP13756764.0
(22) 16.08.2013
(54) ZIRCONIUM PRETREATMENT COMPOSITIONS CONTAINING MOLYBDENUM, ASSOCIATED METHODS FOR TREATING METAL SUBSTRATES, AND RELATED COATED METAL SUBSTRATES
(73) PPG Industries Ohio, Inc.
(72) SUDOUR, Michel
WOZNIAK, Aline
MAINTIER, Philippe
(74) ir. F.A. Geurts c.s.
(31) 1258080
(32) 29.08.2012
(33) France
(47) 27.06.2018

(51) D03C 9/02
(11) EP1989346
(21) EP07726508.0
(22) 26.02.2007
(54) HEDDLE FOR A WEAVING MACHINE, WEAVING MACHINE PROVIDED WITH ONE OR MORE OF SUCH HEDDLES AND METHOD FOR TO MANUFACTURE SUCH A HEDDLE
(73) Darvan Invest N.V.
(72) DENEIRE, Michel
VANDERJEUGT, Bram
(31) 200600123
(32) 27.02.2006
(33) Belgium
(47) 04.04.2018

(51) D06M 10/02
D06M 10/00

(11) EP2726666
(21) EP12753547.4
(22) 28.06.2012
(54) METHOD AND APPARATUS FOR SURFACE TREATMENT OF MATERIALS UTILIZING MULTIPLE COMBINED ENERGY SOURCES
(73) MTIX LTD
(72) MISTRY, Pravin
(74) ir. W.J.J.M. Kempes
(31) 201161501874 P
(32) 28.06.2011
(33) United States of America
(47) 04.04.2018

(51) D06M 11/60
D06M 11/61
D06P 1/81
D06P 1/673
D06B 3/18
D06B 9/02
D06C 7/00
(11) EP3152358
(21) EP15736623.8
(22) 08.06.2015
(54) METHOD FOR DYEING AND FINISHING TEXTILE MATERIAL AND CORRESPONDING APPARATUS
(73) REGGIANI MACCHINE S.p.A.
(72) FRANCHETTI, Roberto
(74) ir. C.M. Jansen c.s.
(31) UD20140096
(32) 06.06.2014
(33) Italy
(47) 11.04.2018

(51) D21H 21/02
(11) EP2726673
(21) EP12762662.0
(22) 29.06.2012
(54) FIXATIVE COMPOSITION, THICK STOCK COMPOSITION AND PROCESS FOR FIXATING HYDROPHOBIC AND/OR ANIONIC SUBSTANCES ON FIBRES
(73) Kemira OYJ
(72) KARPPI, Asko
LINDBERG, Lenita
HIETANIEMI, Matti
(74) ir. W.J.J.M. Kempes
(31) 20115690
(32) 30.06.2011
(33) Finland
(47) 04.04.2018

(51) E01C 21/00
E02F 5/22
E02D 17/20
E02D 3/12
(11) EP1910620
(21) EP06794200.3
(22) 24.07.2006
(54) PLANT AND METHOD FOR TREATING LOAMY DEBRIS
(73) Recymo SARL
(72) VERSCHUERE, Luc
HUS, Christian
(74) ir. W.J.J.M. Kempes
(31) 0508162
(32) 29.07.2005
(33) France
(47) 25.04.2018

(51) E02D 17/20
E02D 3/08
E02D 15/04
E02D 5/36
(11) EP3118375
(21) EP15176528.6
(22) 13.07.2015
(54) METHOD FOR IMPROVING AN INWARDS STABILITY OF A LEVEE
(73) Dura Vermeer Beton & Waterbouw B.V.
Fugro GeoServices B.V.
Keller Holding GmbH
Ploegam B.V.
(72) van Haastert, Adrianus Gerardus Gregorius
Looij, Richard Jacob
Hockx, Josephus Antonius Wilhelmus
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 11.04.2018

(51) E02D 27/02
E04G 13/00
B28B 23/00
B28B 7/00
B28B 7/34
B28B 23/18
(11) EP2350395
(21) EP09748511.4
(22) 29.10.2009
(54) FORMWORK MODULE AND METHOD OF CONSTRUCTING A FOUNDATION
(73) Technische Universiteit Eindhoven
(72) SCHALKWIJK, Gijs Willem
HUIJGEN, Joost Adrianus Antheunis
(74) ir. C.H. Riem
(31) 2002150
(32) 29.10.2008
(33) Netherlands
(47) 16.05.2018

(51) E03B 7/04
F16L 15/00
F16L 33/207
F16L 41/02
F16L 37/00
(11) EP2959200
(21) EP14705343.3
(22) 18.02.2014
(54) PIPE CONNECTOR AND ARRANGEMENT WITH A PIPE CONNECTOR
(73) Uponor Innovation AB
(72) BARTENSTEIN, Paul
(74) J.M.H. Duyver lic.
(31) 202013100762 U
(32) 20.02.2013
(33) Germany
(47) 04.04.2018

(51) E03F 5/04
(11) EP2243886
(21) EP10159750.8
(22) 13.04.2010
(54) Height adjustment for tile frame
(73) Easy Sanitary Solutions B.V.
(72) Keizers, Jurgen Hendrik Peter Joseph
(74) J.M.H. Duyver lic.
(31) 2002767
(32) 20.04.2009
(33) Netherlands
(47) 30.05.2018

(51) E04D 13/147
E04D 1/30
(11) EP2419667
(21) EP10764146.6
(22) 12.04.2010
(54) DEVICE FOR LEADING PIPES OF A SOLAR CELL THROUGH A ROOF
(73) SK Tuote Oy
(72) SAIKKONEN, Eero
(74) J.M.H. Duyver lic.
(31) 20095410
(32) 15.04.2009
(33) Finland
(47) 04.04.2018

(51) E04F 10/10
E06B 7/098
E06B 9/28
E06B 9/386
E04B 7/16
(11) EP3164552
(21) EP15733699.1
(22) 30.06.2015
(54) SLATTED ROOF
(73) Klimasky GmbH
(72) KRASS, Reinaldo
(74) ir. C.M. Jansen c.s.
(31) 102014212867
(32) 02.07.2014
(33) Germany
(47) 25.04.2018

(51) E04G 1/14
E04G 7/30
E04G 5/16
(11) EP3230537
(21) EP16713283.6
(22) 27.01.2016
(54) TRUSS FRAME, MODULAR TRUSS GIRDER AND BRIDGING AND/OR SUPPORT CONSTRUCTION
(73) Wilhelm Layher Verwaltungs-GmbH
(72) KRELLER, Helmut
(74) ir. C.M. Jansen c.s.
(31) 102015103209
(32) 05.03.2015
(33) Germany
(47) 25.04.2018

(51) E04H 4/12
F04D 29/42
(11) EP3158146
(21) EP15738735.8
(22) 23.06.2015
(54) FILTRATION PUMP FOR A SWIMMING POOL
(73) ACIS (Aqua Consult Industrie Services)
(72) LIE, Michaël
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1455754
(32) 23.06.2014
(33) France
(47) 04.04.2018

(51) E04H 17/04
B21F 27/02
(11) EP3109376
(21) EP16175726.5
(22) 22.06.2016
(54) BARBED WIRE FENCE
(73) Arcelormittal Bissen & Bettembourg
(72) BÄR, Igor
(74) ir. C.M. Jansen c.s.

(31) 92753
(32) 24.06.2015
(33) Luxembourg
(47) 16.05.2018

(51) E05B 19/12
E05B 27/00
E05B 47/00
E05B 27/08
(11) EP2476824
(21) EP11152934.3
(22) 01.02.2011
(54) Closing device
(73) BKS GmbH
(72) Ziaja, Klaus
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 11151044
(32) 14.01.2011
(33) European Patent Office (EPO)
(47) 02.05.2018

(51) E05B 47/00
E05B 47/06
E05B 27/00
(11) EP2248971
(21) EP10161789.2
(22) 03.05.2010
(54) Electronic lock
(73) Cogelec
(72) Marchal, Norbert
(74) ir. W.J.J.M. Kempes
(31) 0952985
(32) 05.05.2009
(33) France
(47) 04.04.2018

(51) E05B 47/00
E05B 63/18
E05B 63/20
(11) EP3101205
(21) EP16161180.1
(22) 18.03.2016
(54) LOCK ASSEMBLY FOR LOCKING A DOOR WITH RESPECT TO A DOOR FRAME
(73) ASSA ABLOY Nederland B.V.
(72) KOELMAN, Marcel
VAN DAALEN, Matthijs Gerard
(74) ir. F.A. Geurts c.s.
(31) 2014901
(32) 01.06.2015
(33) Netherlands
(47) 02.05.2018

(51) E05B 47/06
E05B 15/04
E05B 47/00
(11) EP2927395
(21) EP15156762.5
(22) 26.02.2015
(54) Clutch assembly for a lock cylinder with double compression spring
(73) DOM Sicherheitstechnik GmbH & Co. KG
(72) Kaiser, Thomas
Knie, Ottmar
Reddig, Stephan
Veelmann, Martin
(74) J.M.H. Duyver lic.
(31) 102014104792
(32) 03.04.2014
(33) Germany
(47) 04.04.2018

(51) E05D 15/52
(11) EP2060716
(21) EP07021996.9
(22) 13.11.2007
(54) Toolless mountable angle iron
(73) ROTO FRANK AG
(72) Siegler, Martin
Hanel, Dirk
Mothes, Klaus
(74) ir. C.M. Jansen c.s.
(47) 11.04.2018

(51) E06B 3/54
E06B 3/66
E06B 3/663
E04D 13/03
(11) EP3124733
(21) EP16181028.8
(22) 31.07.2008
(54) MULTIPLE GLAZING UNIT HAVING A VARIABLE THICKNESS AND AN EXTRUDED BORDER ELEMENT
(73) VKR Holding A/S
(72) SØNDERKÆR, Peter
NIELSEN, Kristian Ørnsvig
KRISTENSEN, Lars
(74) ir. J.D. de Zeeuw
(31) 200701121
(32) 03.08.2007
(33) Denmark
(47) 02.05.2018

(51) E06B 5/16
E06B 3/68
B32B 17/06
E04D 3/14
E06B 3/70
(11) EP2365181
(21) EP11001925.4
(22) 09.03.2011
(54) Horizontal flame retardant glazing
(73) Holzbau Schmid GmbH & Co. KG
(72) Schmid, Claus
(74) J.M.H. Duyver lic.
(31) 202010003492 U
(32) 11.03.2010
(33) Germany
(47) 02.05.2018

(51) E06B 9/30
E06B 9/15
E06B 9/171
E06B 9/08
(11) EP2147181
(21) EP08733203.7
(22) 16.04.2008
(54) ROLLING SHUTTER ASSEMBLY
(73) Heissenberg, Michael
(72) Heissenberg, Michael
(74) dr. A. Krebs
(31) 737330
(32) 19.04.2007
(33) United States of America
(47) 06.06.2018

(51) E06B 9/58
(11) EP2987943
(21) EP15181359.9
(22) 18.08.2015
(54) SCREENING ARRANGEMENT WITH SIDE RAILS OF ADJUSTABLE LENGTH AND A METHOD OF MOUNTING SUCH SCREENING ARRANGEMENT
(73) VKR Holding A/S
(72) Birkkjær, Martin
Pedersen, Søren Søgaard
Kold, Ove
(74) ir. J.D. de Zeeuw
(31) 201470494
(32) 18.08.2014
(33) Denmark
(47) 02.05.2018

(51) E21B 7/00
E21B 7/04
(11) EP2326786
(21) EP09811754.2
(22) 08.09.2009
(54) AN APPARATUS AND METHOD FOR MODIFYING THE SIDEWALLS OF A BOREHOLE
(73) Sinvent AS
(72) KHADRBEIK, Mohammad Ali Taghipour
CARLSEN, Inge Manfred
(74) ir. H.V. Mertens c.s.
(31) 20083860
20091149
(32) 08.09.2008
18.03.2009
(33) Norway
Norway
(47) 11.04.2018

(51) E21B 34/10
(11) EP2391798
(21) EP10702167.7
(22) 27.01.2010
(54) APPARATUS AND METHOD
(73) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
(72) ELRICK, Andrew
JENNER, David
(74) ir. C.M. Jansen c.s.
(31) 0901257
(32) 27.01.2009
(33) United Kingdom
(47) 04.04.2018

(51) F02B 37/10
F02B 37/04
F02B 39/00
F02B 39/10
F02B 39/16
F02C 6/12
H02K 7/04
(11) EP2719875
(21) EP12797362.6
(22) 04.06.2012
(54) STRUCTURE AND METHOD FOR ADJUSTING BALANCE OF SUPERCHARGER BUILT INTO ELECTRIC MOTOR
(73) Mitsubishi Heavy Industries, Ltd.
(72) YAMASHITA, Yukio
HAYASHI, Noriyuki
IBARAKI, Seiichi
OSAKO, Katsuyuki
EBISU, Motoki
AN, Byeongil
SUZUKI, Hiroshi

ARITA, Hideaki
GOTO, Takashi
MIYAKE, Toshihiko
(74) ir. C.M. Jansen c.s.
(31) 2011127913
(32) 08.06.2011
(33) Japan
(47) 04.04.2018

(51) F02B 39/10
F02B 39/16
(11) EP2733326
(21) EP12815302.0
(22) 05.07.2012
(54) ELECTRIC SUPERCHARGING DEVICE AND MULTI-STAGE SUPERCHARGING SYSTEM
(73) Mitsubishi Heavy Industries, Ltd.
(72) AN, Byeongil
EBISU, Motoki
SUZUKI, Hiroshi
(74) ir. C.M. Jansen c.s.
(31) 2011156521
(32) 15.07.2011
(33) Japan
(47) 04.04.2018

(51) F03B 3/18
F03B 13/10
F03B 17/06
F03B 13/26
(11) EP2326829
(21) EP08794154.8
(22) 18.08.2008
(54) A HYDROPOWER PLANT PROVIDED WITH A GRATING AND A METHOD FOR OPERATING A SUCH
(73) Current Power Sweden AB
(72) LEIJON, Mats
(74) J.M.H. Duyver lic.
(47) 04.04.2018

(51) F03D 1/06
(11) EP3158187
(21) EP15729476.0
(22) 17.06.2015
(54) WIND TURBINE ROTOR BLADE, WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE
(73) Wobben Properties GmbH
(72) HOFFMANN, Alexander
(74) ir. C.M. Jansen c.s.
(31) 102014211741
(32) 18.06.2014
(33) Germany
(47) 18.04.2018

(51) F03D 5/06
F03D 9/32
(11) EP3199803
(21) EP16153632.1
(22) 01.02.2016
(54) OFFSHORE TALL WIND POWER INSTALLATION
(73) IMPaC Offshore Engineering GmbH
(72) Strieker, Thomas
(74) ir. J.M.G. Dohmen c.s.
(47) 28.03.2018

(51) F03D 80/50
B66C 1/10
(11) EP3080443
(21) EP14811763.3
(22) 10.12.2014
(54) FIXATION DEVICE FOR SERVICING WIND TURBINE COMPONENTS
(73) PP Energy ApS
(72) TEICHERT, Paul
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201370756
(32) 10.12.2013
(33) Denmark
(47) 30.05.2018

(51) F15B 11/024
F15B 13/02
F15B 13/10
F15B 20/00
E05F 15/49
(11) EP3112696
(21) EP15175242.5
(22) 03.07.2015
(54) CONTROL CIRCUIT FOR A PNEUMATICALLY ACTUATED VEHICLE DOOR
(73) IVECO FRANCE S.A.S.
(72) VRASPIR, Milos
(74) ir. H.V. Mertens c.s.
(47) 02.05.2018

(51) F15B 15/28
F15B 11/12
F15B 19/00
(11) EP2926014
(21) EP13789304.6
(22) 11.11.2013
(54) METHOD AND DEVICE FOR POSITION DISPLAY OF HYDRAULICALLY ACTUATED FITTINGS
(73) Pleiger Maschinenbau Gmbh & Co. KG
(72) STOLZ, Ingo
PLAAS, Heinrich
(74) ir. C.M. Jansen c.s.
(31) 102012222074
(32) 03.12.2012
(33) Germany
(47) 11.04.2018

(51) F16B 37/04
(11) EP2816243
(21) EP14002064.5
(22) 16.06.2014
(54) Fastening element
(73) Secura Services AG
(72) Henrich, Peter
Kruse, Reinhard
(74) J.M.H. Duyver lic.
(31) 102013010036
(32) 17.06.2013
(33) Germany
(47) 25.04.2018

(51) F16J 15/34
(11) EP2940354
(21) EP13869641.4
(22) 04.12.2013
(54) SLIDING COMPONENT
(73) Eagle Industry Co., Ltd.
(72) ITADANI Masatoshi
(74) ir. H.J.G. Lips c.s.
(31) 2012280647
(32) 25.12.2012
(33) Japan
(47) 13.06.2018

(51) F16L 17/035
F16L 47/28
F16J 15/02
F16L 17/025
F16L 47/30
F16L 41/12
(11) EP2829782
(21) EP13177523.1
(22) 23.07.2013
(54) Saddle for a branch connection
(73) Georg Fischer Rohrleitungssysteme AG
(72) Raible, Moritz
Paul, Wolfgang
Rösch, Jürgen
Wermelinger, Jörg
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) F16L 21/02
F16L 21/06
F16L 21/03
(11) EP3021028
(21) EP15193095.5
(22) 05.11.2015
(54) PIPE CLAMP ASSEMBLY WITH STIFFENING ELEMENT
(73) Eliezer Krausz Industrial Development Ltd.
(72) Chiproot, Avi
(74) ir. W.J.J.M. Kempes
(31) 201414540121
(32) 13.11.2014
(33) United States of America
(47) 04.04.2018

(51) F16L 33/01
F16L 39/02
F16L 11/20
F16L 11/133
B63B 27/34
(11) EP3044491
(21) EP14843736.1
(22) 02.09.2014
(54) DOUBLE HOSE DEVICE
(73) Safehose Holding AS
(72) GJERDE, Roger
(74) ir. J.M.G. Dohmen c.s.
(31) 20131220
(32) 10.09.2013
(33) Norway
(47) 02.05.2018

(51) F16L 37/091
F17C 13/04
F16K 1/30
(11) EP2966332
(21) EP14176308.6
(22) 09.07.2014
(54) Drain valve for a pressurised fluid tank and pressurised fluid tank comprising the same
(73) IVECO MAGIRUS AG
(72) Geh, Daniel
Pohl, Harald
(74) ir. H.V. Mertens c.s.
(47) 02.05.2018

(51) F16L 59/02
B32B 5/22
B32B 5/32
B32B 7/08
B32B 15/04

B32B 15/08
B32B 15/085
B32B 15/095
B32B 15/098
B32B 1/02
B32B 3/06
B32B 3/26
B32B 3/30
(11) EP3120067
(21) EP15711812.6
(22) 16.03.2015
(54) COATING METHOD
(73) Advanced Insulation PLC
(72) SHEPHERD, Simon Harry
(74) J.M.H. Duyver lic.
(31) 201404992
(32) 20.03.2014
(33) United Kingdom
(47) 11.04.2018

(51) F16M 13/02
(11) EP2905524
(21) EP15151929.5
(22) 21.01.2015
(54) Holding device for holding an electronic device to a wall
(73) Alfred Schellenberg GmbH
(72) Schellenberg, Sascha
Gross, Christian
Müller, Stefan
(74) ir. W.J.J.M. Kempes
(31) 102014201094
(32) 22.01.2014
(33) Germany
(47) 04.04.2018

(51) F17C 5/06
(11) EP2682664
(21) EP13174594.5
(22) 01.07.2013
(54) Method for dispensing a gas
(73) AIR PRODUCTS AND CHEMICALS, INC.
(72) Cohen, Joseph Perry
Farese, David John
Mittica, Nicholas Francis
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201213542761
201213648622
(32) 06.07.2012
10.10.2012
(33) United States of America
United States of America
(47) 20.06.2018

(51) F21V 7/00
F21V 7/06
F21V 7/08
F21V 7/07
F21Y 103/10
F21Y 115/10
(11) EP3078903
(21) EP16165828.1
(22) 07.09.2012
(54) LIGHTING MODULE
(73) LG Innotek Co., Ltd.
(72) KIM, Ki Hyun
HONG, Sung Ho
YOON, Jae Hun
JEONG, Seung Beom
(74) J.M.H. Duyver lic.
(31) 20110090971
20110108768
20110108770
(32) 08.09.2011
24.10.2011
24.10.2011
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
(47) 11.04.2018

(51) F21V 7/00
G02F 1/13357
G02F 1/1335
G02B 6/00
(11) EP2631536
(21) EP13155695.3
(22) 18.02.2013
(54) Illumination unit and display apparatus using the same
(73) LG Innotek Co., Ltd.
(72) Kim, Moon Jeong
Yun, Duk Hyun
(74) J.M.H. Duyver lic.
(31) 20120018485
(32) 23.02.2012
(33) Korea (Republic)
(47) 11.04.2018

(51) F21V 8/00
G02F 1/13
(11) EP3194843
(21) EP15766685.0
(22) 03.09.2015
(54) VARIABLE FOCAL BACKLIGHTING
(73) Microsoft Technology Licensing, LLC
(72) TRAVIS, Adrian
(74) J.M.H. Duyver lic.
(31) 201414476896
(32) 04.09.2014
(33) United States of America
(47) 02.05.2018

(51) F21V 17/10
F21V 11/00
F21Y 115/10
(11) EP2924352
(21) EP14382115.5
(22) 28.03.2014
(54) Luminaire with elastic shielding
(73) Antares Iluminación S.A.
(72) Martinez Weber, Federico
(47) 25.04.2018

(51) F23L 13/06
(11) EP3042122
(21) EP14771508.0
(22) 28.08.2014
(54) SYSTEM FOR CONTROLLING COMBUSTION AIR SUPPLY
(73) Mertik Maxitrol GmbH & Co. Kg
(72) KEIL, Peter
(74) ir. C.M. Jansen c.s.
(31) 102013014576
(32) 02.09.2013
(33) Germany
(47) 25.04.2018

(51) F24C 7/00
(11) EP1787063
(21) EP05783010.1
(22) 12.09.2005
(54) SIMULATED SOLID FUEL BURNING APPARATUS
(73) BASIC HOLDINGS
(72) O'NEILL, Noel
(74) ir. C.M. Jansen c.s.
(31) 0420131
(32) 10.09.2004
(33) United Kingdom
(47) 04.04.2018

(51) F24D 3/14
(11) EP1703214
(21) EP06110763.7
(22) 07.03.2006
(54) Heating or cooling element for a dry wall comprising a framework
(73) Uponor Innovation AB
(72) Altmann, Maik
Vogel, Thomas
Oing, Hermann
Claussen, Jörg
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 202005004216 U
(32) 14.03.2005
(33) Germany
(47) 02.05.2018

(51) F24D 19/02
(11) EP2498011
(21) EP12001506.0
(22) 06.03.2012
(54) A radiator bracket
(73) Sigarth AB
(72) Thorn, Håkan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1100175
(32) 11.03.2011
(33) Sweden
(47) 02.05.2018

(51) F24F 3/14
F24F 5/00
F24F 12/00
(11) EP2905550
(21) EP14200237.7
(22) 23.12.2014
(54) System for air treatment of a building
(73) Dutch Innovation in Air Treatment BV
(72) Van der Lee, Arthur
(74) ir. M. Cramwinckel
(31) 2012019
(32) 23.12.2013
(33) Netherlands
(47) 04.04.2018

(51) F24F 11/00
H04W 64/00
H04L 29/08
H04W 4/02
G05B 15/02
H04W 4/00
H04W 4/04
G01S 15/02
G01S 5/02
G01S 15/04
(11) EP2906880
(21) EP13815149.3
(22) 10.10.2013
(54) A METHOD FOR SYNERGISTIC OCCUPANCY SENSING IN COMMERCIAL REAL ESTATES
(73) Telefonaktiebolaget LM Ericsson (publ)

(72) LI, Du
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261713111 P
201313763202
(32) 12.10.2012
08.02.2013
(33) United States of America
United States of America
(47) 02.05.2018

(51) F24H 1/38
F24H 8/00
(11) EP1975524
(21) EP08005232.7
(22) 20.03.2008
(54) Heat exchanger for a condensing boiler
(73) Vaillant GmbH
(72) Bornscheuer, Walter
Jansen, Peter
Thum, Lars
(74) J.M.H. Duyver lic.
(31) 5012007
(32) 30.03.2007
(33) Austria
(47) 04.04.2018

(51) F24H 8/00
F16T 1/22
(11) EP2910867
(21) EP15155494.6
(22) 18.02.2015
(54) Condensate separator
(73) Vaillant GmbH
(72) Grabe, Jochen
Gaisbauer, Norbert
Müller, Hans-Willi
(74) J.M.H. Duyver lic.
(31) 501302014
(32) 21.02.2014
(33) Austria
(47) 04.04.2018

(51) F25B 49/00
F25B 40/02
(11) EP3004756
(21) EP13726194.7
(22) 29.05.2013
(54) REFRIGERATION CIRCUIT
(73) Carrier Corporation
(72) SCHREY, Rainer
KURZAY, Joerg
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 11.04.2018

(51) F25D 23/02
F25D 23/08
A47F 3/04
F25D 11/00
(11) EP2846663
(21) EP13715712.9
(22) 15.04.2013
(54) COOLING APPLIANCE
(73) AHT Cooling Systems GmbH
(72) RESCH, Reinhold
(74) ir. W.J.J.M. Kempes
(31) 202012101699 U
(32) 09.05.2012
(33) Germany
(47) 04.04.2018

(51) F25D 23/06
(11) EP2963365
(21) EP15002004.8
(22) 03.07.2015
(54) INSULATING HOUSING AND METHOD FOR PRODUCING AN INSULATING HOUSING
(73) König Metall GmbH & Co. KG
Kerspe, Jobst H.
(72) Kerspe, Jobst H.
Fischer, Michael
(74) ir. C.M. Jansen c.s.
(31) 102014109332
(32) 03.07.2014
(33) Germany
(47) 04.04.2018

(51) F28F 7/02
B01J 19/00
B01J 19/18
C12M 1/00
C12M 1/02
F28D 1/06
(11) EP2802645
(21) EP13736189.5
(22) 14.01.2013
(54) TEMPERATURE CONTROLLED SUPPORT SURFACES FOR SINGLE USE FLEXIBLE WALL SYSTEMS
(73) GE Healthcare Bio-Sciences Corp.
(72) GALLIHER, Parrish, M.
ERDENBERGER, Thomas
TUOHEY, Colin, R.
CROWELL, Joseph, D.
DAMREN, Richard, L.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261586398 P
201213691998
(32) 13.01.2012
03.12.2012
(33) United States of America
United States of America
(47) 30.05.2018

(51) F28F 9/02
F28F 19/00
F28F 9/16
F28D 7/16
F02C 7/141
F28D 21/00
(11) EP2881692
(21) EP14003968.6
(22) 26.11.2014
(54) Gas turbine cooling air cooler, gas turbine or gas and steam turbine power station and method for cooling cooling air
(73) Balcke-Dürr GmbH
(72) Telgen, Thomas
Staggenborg, Tim
Blossey, Jens
Band, Dirk
Fiorenzano De Albuquerque, Ricardo
Ivanov, Igor
Hegner, Wolfgang,Dr.
(74) ir. H.Th. van den Heuvel c.s.
(31) 13005713
(32) 09.12.2013
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) F41A 19/01
(11) EP2518430
(21) EP12165374.5
(22) 24.04.2012
(54) Method and device for determining the wear of a weapon barrel
(73) Rheinmetall Waffe Munition GmbH
(72) Bilger, Gerhard
Maier, Bernhard
(74) ir. C.M. Jansen c.s.
(31) 102011100101
(32) 29.04.2011
(33) Germany
(47) 18.04.2018

(51) F41A 21/18
F41A 21/22
(11) EP2805124
(21) EP12810204.3
(22) 17.12.2012
(54) WEAPON BARREL WITH A CHROME-PLATED INNER PROFILE
(73) Rheinmetall Waffe Munition GmbH
(72) SCHNEIDER, Hubert
BOHNSACK, Eckehard
GERT, Schlenkert
(74) ir. C.M. Jansen c.s.
(31) 102012000686
(32) 17.01.2012
(33) Germany
(47) 25.04.2018

(51) F41H 9/06
F41H 9/00
(11) EP3017268
(21) EP15720115.3
(22) 20.03.2015
(54) FOG GENERATOR
(73) Bandit N.V.
(72) VANDONINCK, Alfons
(74) dr. A. Krebs
(31) 201400193
(32) 21.03.2014
(33) Belgium
(47) 16.05.2018

(51) F42C 19/08
F42D 1/04
F42C 9/10
(11) EP2841688
(21) EP13813356.6
(22) 15.03.2013
(54) ENERGY TRANSFER DEVICE
(73) Fike Corporation
(72) GREELEY, William
KULL, Raivo
SOOHOO, Ed
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261637541 P
(32) 24.04.2012
(33) United States of America
(47) 09.05.2018

(51) G01B 11/245
A61C 19/04
(11) EP2470857
(21) EP10750096.9
(22) 26.08.2010
(54) METHOD AND ARRANGEMENT FOR DETERMINING A COMBINED DATA RECORD FOR A MASTICATORY ORGAN TO BE MEASURED
(73) DENTSPLY SIRONA Inc.
(72) ERTL, Thomas
(74) ir. H.V. Mertens c.s.

(31) 102009038588
(32) 26.08.2009
(33) Germany
(47) 02.05.2018

(51) G01C 21/32
G01C 21/34
G08G 1/01
(11) EP2674722
(21) EP13183612.4
(22) 02.02.2012
(54) Method of determining a deviation from expected jam conditions
(73) TomTom Traffic B.V.
(72) MIETH, Peter
LORKOWSKI, Stefan
SCHÄFER, Ralf-Peter
WITTE, Nikolaus
(74) J.M.H. Duyver lic.
(31) 201161439011 P
201113112
(32) 03.02.2011
29.07.2011
(33) United States of America
United Kingdom
(47) 30.05.2018

(51) G01C 21/32
G01C 21/36
G08G 1/14
(11) EP2387697
(21) EP09778949.9
(22) 14.01.2009
(54) SERVER APPARATUS AND METHOD OF COLLECTING PARKING LOCATION INFORMATION
(73) TomTom Traffic B.V.
(72) GEELEN, Pieter
(74) J.M.H. Duyver lic.
(47) 06.06.2018

(51) G01G 19/03
G01G 11/00
B07C 5/18
(11) EP3059561
(21) EP16156619.5
(22) 22.02.2016
(54) A CONVEYOR SYSTEM COMPRISING A PLURALITY OF SUPPORT MEMBERS AND A METHOD THEREOF
(73) Optimus Sorter Holding B.V.
(72) Hendriks, Albert
(74) ir. W.J.J.M. Kempes
(31) 2014325
(32) 20.02.2015
(33) Netherlands
(47) 11.04.2018

(51) G01K 7/42
G01K 13/00
(11) EP2392903
(21) EP11168532.7
(22) 01.06.2011
(54) Temperature measurement system for a light emitting diode (led) assembly
(73) TE Connectivity Corporation
(72) Jackson, Stephen M.
Rix, Robert David
Pelton, Bruce A.
Ahmed, Mohammad S.
Weber, Ronald Martin
Mostoller, Matthew Edward
(74) ir. J.D. de Zeeuw
(31) 794104
(32) 04.06.2010
(33) United States of America
(47) 02.05.2018

(51) G01L 1/18
G01L 1/20
G01L 9/00
(11) EP2682724
(21) EP13174838.6
(22) 03.07.2013
(54) A large-area extensible pressure sensor for textile surfaces
(73) Sensing Tex, S.L.
(72) Ridao Granado, Miguel
Gomez Anta, Luis Miguel
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201231047
(32) 04.07.2012
(33) Spain
(47) 04.04.2018

(51) G01M 1/30
(11) EP3011296
(21) EP13887203.1
(22) 18.06.2013
(54) TIRE UNIFORMITY IMPROVEMENT THROUGH IDENTIFICATION OF PROCESS HARMONICS FROM STATIC BALANCE MEASUREMENTS
(73) Compagnie Générale des Etablissements Michelin
(72) MAWBY, William, David
SIMONS, Steve
TRAYLOR, James, Michael
THOMAS, Anton, Felipe
SAULS, Jonathan
(74) ir. C.M. Jansen c.s.
(47) 04.04.2018

(51) G01N 1/02
G01N 1/34
(11) EP2270464
(21) EP10172206.4
(22) 19.11.2004
(54) Field and storage chemical test kit and system
(73) 1,4 Group, Inc.
(72) Forsythe, John, M
De Weerd, Jan, W
(74) mr. ir. J. van Breda c.s.
(31) 719929
(32) 21.11.2003
(33) United States of America
(47) 11.04.2018

(51) G01N 15/10
G01N 15/02
B03C 5/02
(11) EP1774284
(21) EP05769800.3
(22) 06.07.2005
(54) METHODS AND APPARATUS FOR THE SEPARATION AND QUANTIFICATION OF PARTICLES
(73) Menarini Silicon Biosystems S.p.A.
(72) MANARESI, Nicolò
MEDORO, Gianni
(74) ir. F.A. Geurts c.s.
(31) BO20040420
(32) 07.07.2004
(33) Italy
(47) 02.05.2018

(51) G01N 21/25
G01N 21/64
G01N 21/77
H01L 25/04
H01L 27/28
(11) EP2394154
(21) EP10704005.7
(22) 03.02.2010
(54) ORIGAMI SENSOR
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) ALLARD, Bart A.M.
SHARPE, Ruben Bernardus Alfred
(74) ir. C.M. Jansen c.s.
(31) 09152056
(32) 04.02.2009
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) G01N 23/225
G01N 1/28
G01N 23/04
H01J 37/20
G01N 1/30
(11) EP3078962
(21) EP16000833.0
(22) 19.01.2007
(54) LIQUID MEDIUM FOR PREVENTING CHARGE-UP IN ELECTRON MICROSCOPE AND METHOD OF OBSERVING SAMPLE USING THE SAME
(73) Hitachi High-Technologies Corporation
(72) KUWABATA, Susumu
TORIMOTO, Tsukasa
(74) ir. H.V. Mertens c.s.
(31) 2006012597
(32) 20.01.2006
(33) Japan
(47) 27.06.2018

(51) G01N 25/20
G01K 17/08
G01N 15/08
G01N 33/28
G01N 15/06
(11) EP2442098
(21) EP11005541.5
(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
(74) ir. J.M.G. Dohmen c.s.
(31) 102010048748
(32) 16.10.2010
(33) Germany
(47) 23.05.2018

(51) G01N 27/62
G01P 5/08
(11) EP1488224
(21) EP03712167.0
(22) 25.03.2003
(54) A CELL STRUCTURE, DEVICE AND METHODS FOR GAS ANALYSIS
(73) Environics Oy

(72) ANTTALAINEN, Osmo
(74) ir. A.R. Aalbers
(31) 20020565
(32) 25.03.2002
(33) Finland
(47) 02.05.2018

(51) G01N 30/54
G01N 30/60
G01N 30/30
(11) EP3123165
(21) EP15717079.6
(22) 23.03.2015
(54) FLOW-FIELD-INDUCED TEMPERATURE GRADIENT GAS CHROMATOGRAPHY
(73) Boeker, Peter
(72) Boeker, Peter
(74) ir. F.E. Hoeben
(31) 102014004286
(32) 26.03.2014
(33) Germany
(47) 04.04.2018

(51) G01N 30/56
B01D 15/20
(11) EP2235520
(21) EP09703957.2
(22) 15.01.2009
(54) COLUMN PACKING METHOD
(73) GE Healthcare Bio-Sciences AB
(72) KARLBERG, Per
RURLING, Erik
LUNDKVIST, Joakim
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 0800160
(32) 23.01.2008
(33) Sweden
(47) 04.04.2018

(51) G01N 33/487
(11) EP2815234
(21) EP13705545.5
(22) 13.02.2013
(54) APPARATUS FOR SUPPORTING AN ARRAY OF LAYERS OF AMPHIPHILIC MOLECULES AND METHOD OF FORMING AN ARRAY OF LAYERS OF AMPHIPHILIC MOLECULES
(73) Oxford Nanopore Technologies Limited
(72) HYDE, Jason Robert
CLARKE, James Anthony
ANDREATTA, Gaëlle Anne-Leonie
(74) dr. W.A.H.M. Van Borm
(31) 201202519
(32) 13.02.2012
(33) United Kingdom
(47) 11.04.2018

(51) G01N 33/574
(11) EP2904398
(21) EP13779755.1
(22) 01.10.2013
(54) A METHOD FOR PREDICTING THE RISK OF GETTING CANCER IN A FEMALE SUBJECT
(73) SphingoTec GmbH
(72) BERGMANN, Andreas
MELANDER, Olle
(74) ir. F.A. Geurts c.s.
(31) 12187050
(32) 02.10.2012
(33) European Patent Office (EPO)
(47) 11.04.2018

(51) G01N 33/80
C07K 16/28
G01N 33/564
(11) EP3140323
(21) EP15720008.0
(22) 22.04.2015
(54) METHOD FOR THE SEROLOGICAL DIAGNOSIS OF RHEUMATOID ARTHRITIS.
(73) Noviosmart
(72) SALDEN, Martinus Hubertus Leonardus
(74) ir. W.J.J.M. Kempes
(31) 14166985
(32) 05.05.2014
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) G01N 35/00
G01N 35/08
G01N 37/00
B01L 3/00
G01N 1/40
G01N 33/49
(11) EP2239584
(21) EP09706429.9
(22) 27.01.2009
(54) SEPARATING CHIP, AND SEPARATING METHOD
(73) Toray Industries, Inc.
(72) ISHII, Kentaro
HIGASA, Masashi
HIRAMATSU, Shingo
(74) ir. H.V. Mertens c.s.
(31) 2008016259
(32) 28.01.2008
(33) Japan
(47) 20.06.2018

(51) G01S 7/03
G01S 13/88
H01L 23/055
H01L 23/552
H01L 23/66
H01L 23/00
G01F 23/284
(11) EP2189765
(21) EP08167856.7
(22) 29.10.2008
(54) High frequency module for measuring fill levels in the W band
(73) VEGA Grieshaber KG
(72) Schultheiss, Daniel
Fischer, Michael
(74) J.M.H. Duyver lic.
(47) 11.04.2018

(51) G01S 19/48
G01S 19/49
G01S 13/94
G01S 13/86
(11) EP3120166
(21) EP15831179.5
(22) 25.12.2015
(54) PRECISE POSITIONING METHOD
(73) STM Savunma Teknolojileri Mühendislik Ve Ticaret Anonim Sirketi
(72) SOYSAL, Gökhan
KURTOGLU, Hülya
EFE, Murat
ÇAK, Serkan
ERSOY, Yetkin
(74) dr. A. Krebs
(31) 201500394
(32) 14.01.2015
(33) Turkey
(47) 18.04.2018

(51) G01S 19/49
G01S 19/14
G01S 3/786
H04N 7/18
(11) EP2972495
(21) EP14765776.1
(22) 28.02.2014
(54) SYSTEM AND METHOD FOR AUGMENTING A GNSS/INS NAVIGATION SYSTEM OF A LOW DYNAMIC VESSEL USING A VISION SYSTEM
(73) NovAtel Inc.
(72) MORIN, Kristian
(74) ir. C.M. Jansen c.s.
(31) 201313838316
(32) 15.03.2013
(33) United States of America
(47) 11.04.2018

(51) G01T 1/36
(11) EP2318859
(21) EP09803458.0
(22) 28.07.2009
(54) PILEUP REJECTION IN AN ENERGY-DISPERSIVE RADIATION SPECTROMETRY SYSTEM
(73) JUDITH B. MOTT REVOCABLE TRUST DATED JUNE 6, 2006, AS AMENDED AND RESTATED
(72) MOTT, Richard, B.
(74) ir. F.A. Geurts c.s.
(31) 184721
(32) 01.08.2008
(33) United States of America
(47) 11.04.2018

(51) G01V 1/30
G01V 1/38
G01V 1/00
(11) EP3036566
(21) EP14744730.4
(22) 11.07.2014
(54) SIMULTANEOUS SOURCING DURING BOTH SEISMIC ACQUISITION AND SEISMIC INVERSION
(73) ExxonMobil Upstream Research Company
(72) KROHN, Christine, E.
ROUTH, Partha, S.
(74) ir. W.J.J.M. Kempes
(31) 201361869292 P
(32) 23.08.2013
(33) United States of America
(47) 04.04.2018

(51) G01V 99/00
E21B 49/00
(11) EP3074796
(21) EP14802044.9
(22) 20.11.2014
(54) METHOD OF SUBSURFACE MODELLING
(73) Total S.A.
(72) BERGEY, Pierre
(74) ir. J.D. de Zeeuw

(31) 201320815
(32) 26.11.2013
(33) United Kingdom
(47) 04.04.2018

(51) G02B 6/00
E06B 3/66
(11) EP2473872
(21) EP10742838.5
(22) 17.08.2010
(54) ILLUMINATED PANE ARRANGEMENT
(73) Saint-Gobain Glass France
(72) MESSERE, Rino
MÜLLER, Marco
GILLISSEN, Manfred
DE CALUWE, Ronny
(74) ir. F.A. Geurts c.s.
(31) 102009039885
(32) 03.09.2009
(33) Germany
(47) 16.05.2018

(51) G02B 26/08
G02B 26/10
G02B 1/11
G02B 6/12
G02B 6/136
G02B 6/42
(11) EP3207413
(21) EP15780902.1
(22) 15.10.2015
(54) OPTICAL BEAM SCANNER
(73) Medlumics S.L.
(72) MARGALLO BALBÁS, Eduardo
RUBIO GIVERNAU, José Luis
ZINOVIEV, Kirill
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462064355 P
201514882291
(32) 15.10.2014
13.10.2015
(33) United States of America
United States of America
(47) 04.04.2018

(51) G02F 1/01
G02F 1/19
G02B 27/22
(11) EP3087430
(21) EP14815855.3
(22) 22.12.2014
(54) DISPLAY DEVICE BASED ON PHASE-CHANGE MATERIALS
(73) Oxford University Innovation Limited
(72) BHASKARAN, Harish
HOSSEINI, Peiman
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201322917
201417974
(32) 23.12.2013
10.10.2014
(33) United Kingdom
United Kingdom
(47) 02.05.2018

(51) G02F 1/13357
G02B 6/00
F21V 8/00
(11) EP2641128
(21) EP11842386.2
(22) 10.11.2011
(54) BACKLIGHT UNIT
(73) LG Innotek Co., Ltd.
(72) AHN, Kyoung Soo
PARK, Sang Jun
JANG, Jae Hyuk
KIM, Jong Sun
LEE, Jeong Oh
PARK, Hyung Min
(74) dr. A. Ellens c.s.
(31) 20100113329
(32) 15.11.2010
(33) Korea (Republic)
(47) 25.04.2018

(51) G03G 21/18
(11) EP3125050
(21) EP16185934.3
(22) 30.08.2012
(54) CARTRIDGE HAVING DETECTION BODY
(73) Brother Kogyo Kabushiki Kaisha
(72) ITABASHI, Nao
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2011190032
(32) 31.08.2011
(33) Japan
(47) 02.05.2018

(51) G05B 19/042
(11) EP2801875
(21) EP14167022.4
(22) 05.05.2014
(54) Control module for large measurement data volume
(73) Endress + Hauser Messtechnik GmbH+Co. KG
(72) Breithaupt, Hartmut
Gampp, Stefan
Mast, Manfred
Schuker, Michael
(74) ir. W.J.J.M. Kempes
(31) 102013104707
(32) 07.05.2013
(33) Germany
(47) 04.04.2018

(51) G06F 1/04
(11) EP2810137
(21) EP13708936.3
(22) 31.01.2013
(54) TIMEBASE PERIPHERAL
(73) Microchip Technology Incorporated
(72) BOWLING, Stephen
IVEY, Brant
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261593527 P
201313753399
(32) 01.02.2012
29.01.2013
(33) United States of America
United States of America
(47) 02.05.2018

(51) G06F 1/18
H05K 7/14
(11) EP2985672
(21) EP15177985.7
(22) 23.07.2015
(54) SERVER
(73) Pegatron Corporation
(72) CHEN, Ko-wei
CHOU, Wei-ting
(74) ir. W.J.J.M. Kempes
(31) 103213442
(32) 29.07.2014
(33) Taiwan, Province of China
(47) 23.05.2018

(51) G06F 1/32
G06F 9/06
G06F 15/16
(11) EP2342612
(21) EP09822512.1
(22) 20.10.2009
(54) CONSERVING POWER USING PREDICTIVE MODELLING AND SIGNALING
(73) Microsoft Technology Licensing, LLC
(72) SCOTT, James
NEWSON, Paul
SARIN, Raman
HORVITZ, Eric
(74) J.M.H. Duyver lic.
(31) 255877
(32) 22.10.2008
(33) United States of America
(47) 30.05.2018

(51) G06F 1/32
H03K 3/012
G05F 1/46
(11) EP2955605
(21) EP15173586.7
(22) 30.03.2010
(54) ADAPTIVE VOLTAGE SCALING
(73) Qualcomm Incorporated
(72) MOORE, Richard
MICHALAK, Gerald
BRIDGES, Jeffrey
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 164882 P
222779 P
(32) 30.03.2009
02.07.2009
(33) United States of America
United States of America
(47) 18.04.2018

(51) G06F 3/00
G06F 3/0488
G06F 3/0485
G06F 3/0486
G06F 3/0481
(11) EP2646892
(21) EP11845641.7
(22) 09.11.2011
(54) INSTANTANEOUS PANNING USING A GROOVE METAPHOR
(73) Microsoft Technology Licensing, LLC
(72) HOOVER, Paul Armistead
PATTEN, Michael
MAZEEV, Maxim V.
(74) ir. P.J. Hylarides c.s.
(31) 955034
(32) 29.11.2010
(33) United States of America
(47) 02.05.2018

(51) G06F 3/01
A61B 5/00
H04M 1/725
H04M 3/428
H04M 19/04
H04M 1/663
(11) EP2591409

(21) EP11803219.2
(22) 04.07.2011
(54) USING BIO-SIGNALS FOR CONTROLLING A USER ALERT
(73) Nokia Technologies Oy
(72) KANGAS, Jari
NURMI, Mikko
VETEK, Akos
SIVADAS, Sunil
SALMINEN, Ilkka
OJANEN, Ville
KÄRKKÄINEN, Leo
(74) ir. W.J.J.M. Kempes
(31) 833519
(32) 09.07.2010
(33) United States of America
(47) 16.05.2018

(51) G06F 3/03
G06F 3/033
G06F 3/0354
(11) EP2673693
(21) EP12745312.4
(22) 18.01.2012
(54) UNIVERSAL STYLUS DEVICE
(73) Microsoft Technology Licensing, LLC
(72) NOWATZYK, Andreas
THACKER, Charles P.
(74) J.M.H. Duyver lic.
(31) 201113025165
(32) 11.02.2011
(33) United States of America
(47) 02.05.2018

(51) G06F 3/0354
G06F 3/0488
G06F 3/0484
G06F 1/00
G06F 3/0487
H04L 29/00
G06T 11/00
H04W 4/00
(11) EP2701057
(21) EP13181486.5
(22) 23.08.2013
(54) Information transmission
(73) Samsung Electronics Co., Ltd.
(72) Ko, Jae-Woo
Wi, Tae-hwan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20120092539
(32) 23.08.2012
(33) Korea (Republic)
(47) 02.05.2018

(51) G06F 3/041
G06F 3/0488
H04M 1/02
G06F 3/043
G06F 3/046
(11) EP2831710
(21) EP13769702.5
(22) 25.03.2013
(54) METHOD AND APPARATUS FOR FORCE SENSING
(73) Nokia Technologies Oy
(72) YLIAHO, Marko
(74) ir. W.J.J.M. Kempes
(31) 201213431263
(32) 27.03.2012
(33) United States of America
(47) 09.05.2018

(51) G06F 3/048
G06F 3/01
(11) EP2539799
(21) EP11747907.1
(22) 21.02.2011
(54) MULTI-SCREEN PINCH AND EXPAND GESTURES
(73) Microsoft Technology Licensing, LLC
(72) HINCKLEY, Kenneth P.
YATANI, Koji
(74) J.M.H. Duyver lic.
(31) 713053
(32) 25.02.2010
(33) United States of America
(47) 23.05.2018

(51) G06F 3/048
G06F 3/14
H04N 21/431
H04N 21/81
G06T 15/00
G06F 3/0481
G06T 3/60
G06F 3/0484
(11) EP3022638
(21) EP14826056.5
(22) 17.07.2014
(54) SYSTEM AND METHOD FOR MULTI-ANGLE VIDEOS
(73) Fasetto, L.L.C.
(72) CHRISTMAS, Coy
MALPASS, Luke
ZAFAR, Lionel
(74) ir. C.M. Jansen c.s.
(31) 201361847990 P
(32) 18.07.2013
(33) United States of America
(47) 04.04.2018

(51) G06F 3/0481
G06F 3/0488
(11) EP2517095
(21) EP10838802.6
(22) 08.12.2010
(54) OVERLAY HANDLING
(73) Nokia Technologies Oy
(72) HAUTALA, Teemu Tapani
(74) ir. W.J.J.M. Kempes
(31) 645999
(32) 23.12.2009
(33) United States of America
(47) 09.05.2018

(51) G06F 3/0488
H01H 13/703
H01H 13/704
(11) EP2820521
(21) EP13861292.4
(22) 01.03.2013
(54) INPUT DEVICE LAYERS AND NESTING
(73) Microsoft Technology Licensing, LLC
(72) BELESIU, Jim Tom
SHAW, Timothy C.
WHITT, III, David Otto
HUALA, Rob
STOUMBOS, Christopher Harry
PELLEY, Joel Lawrence
MCLAUGHLIN, Robyn Rebecca Reed
SCHNEIDER, Summer L.
WAHL, Eric Joseph
WISE, James H.
LEON, Camilo
AAGAARD, Karsten
OLIVER, Thomas Charles
CADY, Andrew N.
SCHULTZ, Bernard Maurice
DIGHDE, Rajesh Manohar
DRASNIN, Sharon
SIDDIQUI, Kabir
ISHIHARA, James Alec
WANG, Hua
GROENE, Ralf
KASSELS, Jay Scott
SPOONER, Richard Peter
MICKELSON, Matthew David
DIETZ, Paul Henry
MATHIAS, Dennis J.
VANDERVOORT, David C.
PLEAKE, Todd David
LUTZ, Moshe R.
MAIL, Scott Mitchel
WHITMAN, Christopher A.
OLER, Van Winston
UMENO, Hiroo
PEREK, David R.
SCHWAGER, Michael A.
SEILSTAD, Mark J.
REED, Anthony Christian
CUMMINGS, Stephan Alexander
JENSEN, Darryl I.
PANAY, Panos C.
STRANDE, Hakon
GOH, Chun Beng
MANTOOTH, Harold F.
MARSHALL, James Charles
PEDERSEN, Matthew G.
YOUNG, Robert D.
SHERMAN, Nathan C.
GIBSON, Scott K.
SYKES, Shane Aaron
LANE, David M.
OBIE, Gene Robert
GIAIMO, III, Edward C.
NEFF, David
SOUSA, Jose R.
(74) ir. P.J. Hylarides c.s.
(31) 201261606321 P
201261606301 P
201261606313 P
201261606333 P
201261606336 P
201261607451 P
201261613745 P
201213471186
(32) 02.03.2012
02.03.2012
02.03.2012
02.03.2012
02.03.2012
06.03.2012
21.03.2012
14.05.2012
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America

United States of America
United States of America
(47) 25.04.2018

(51) G06F 7/58
H04L 9/08
H04L 9/32
(11) EP2422368
(21) EP09843713.0
(22) 02.12.2009
(54) SEMICONDUCTOR CHIP AND METHOD FOR GENERATING DIGITAL VALUE USING PROCESS VARIATION
(73) ICT Korea Co., Ltd.
(72) CHOI, Byong-Deok
KIM, Dong Kyue
(74) ir. F.A. Geurts c.s.
(31) 20090035416
(32) 23.04.2009
(33) Korea (Republic)
(47) 11.04.2018

(51) G06F 9/45
(11) EP1577767
(21) EP05101180.7
(22) 17.02.2005
(54) Code rewriting
(73) Microsoft Technology Licensing, LLC
(72) Shi, Alan C.
Brumme, Christopher W.
Gray, Jan S.
Hawkins, Jonathan C.
Trowbridge, Sean E.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 789201
(32) 27.02.2004
(33) United States of America
(47) 02.05.2018

(51) G06F 9/50
G06F 15/173
G06Q 10/06
(11) EP1866767
(21) EP06769779.7
(22) 16.03.2006
(54) AUTOMATIC WORKLOAD TRANSFER TO AN ON-DEMAND CENTER
(73) III Holdings 12, LLC
(72) JACKSON, David Brian
(74) mr. ir. J. van Breda c.s.
(31) 662240 P
(32) 16.03.2005
(33) United States of America
(47) 18.04.2018

(51) G06F 11/10
(11) EP3138009
(21) EP15726753.5
(22) 29.04.2015
(54) VARIABLE WIDTH ERROR CORRECTION
(73) Microsoft Technology Licensing, LLC
(72) GLASKOWSKY, Peter
STRAUSS, Karin
(74) J.M.H. Duyver lic.
(31) 201414265907
(32) 30.04.2014
(33) United States of America
(47) 18.04.2018

(51) G06F 13/40
G09G 5/00
H04N 21/4363
(11) EP3167377
(21) EP15742464.9
(22) 10.07.2015
(54) METHODS, SYSTEMS, AND MEDIA FOR CONTROLLING A BI-DIRECTIONAL HDMI PORT
(73) Google LLC
(72) YEH, Chia, Hang
CHANG, Yuan-Jen
(74) ir. H.J.G. Lips c.s.
(31) 201414327925
(32) 10.07.2014
(33) United States of America
(47) 25.04.2018

(51) G06F 17/30
G06F 17/24
G06F 17/22
(11) EP1679616
(21) EP05112131.7
(22) 14.12.2005
(54) Data binding in a word-processing application
(73) Microsoft Technology Licensing, LLC
(72) Davis, Tristan A.
Sawicki, Marcin
Jones, Brian M.
Little, Robert A.
Sunderland, Mark
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 30423
(32) 06.01.2005
(33) United States of America
(47) 02.05.2018

(51) G06F 21/00
G06K 19/07
G07F 7/10
H04L 29/06
(11) EP2264632
(21) EP10165572.8
(22) 10.06.2010
(54) Electronic device with two communication interfaces and associated method for securing such device
(73) Oberthur Technologies of America Corp.
(72) Goyet, Christophe
(74) ir. W.J.J.M. Kempes
(31) 483498
(32) 12.06.2009
(33) United States of America
(47) 04.04.2018

(51) G06F 21/14
G06F 21/53
G06F 9/455
(11) EP2076863
(21) EP07874416.6
(22) 16.10.2007
(54) VIRTUALIZATION FOR DIVERSIFIED TAMPER RESISTANCE
(73) Microsoft Technology Licensing, LLC
(72) ANCKAERT, Bertrand
JAKUBOWSKI, Mariusz H.
VENKATESAR, Ramarathnam
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 553841
(32) 27.10.2006
(33) United States of America
(47) 02.05.2018

(51) G06F 21/32
G06F 21/36
G06Q 20/32
G06Q 20/36
G06Q 20/40
(11) EP2674889
(21) EP13171291.1
(22) 10.06.2013
(54) MOBILE DEVICE AND CONTROL METHOD THEREOF
(73) Samsung Electronics Co., Ltd
(72) Rhee, Young-ho
Kim, Jae-hwan
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261658156 P
20130001779
(32) 11.06.2012
07.01.2013
(33) United States of America
Korea (Republic)
(47) 30.05.2018

(51) G06F 21/51
G06F 21/52
G06F 21/53
G06Q 10/06
(11) EP2166474
(21) EP09013703.5
(22) 13.02.2006
(54) Application executing device, managing method, and program
(73) Panasonic Intellectual Property Management Co., Ltd.
(72) Leichsenring, Germano
Kanamaru, Tomokazu
(74) ir. W.J.J.M. Kempes
(31) 2005036621
(32) 14.02.2005
(33) Japan
(47) 04.04.2018

(51) G06K 5/02
G06K 19/08
G06K 17/00
G06K 7/10
(11) EP2748769
(21) EP12825659.1
(22) 23.08.2012
(54) SYSTEM FOR ASSOCIATING RFID TAG WITH UPC CODE, AND VALIDATING ASSOCIATIVE ENCODING OF SAME
(73) eAGILE, INC.
(72) BURNS, Gary, P.
PHANEUF, Peter
ISABELL, Michael
(74) ir. C.M. Jansen c.s.
(31) 201161526473 P
201161562618 P
(32) 23.08.2011
22.11.2011
(33) United States of America
United States of America
(47) 18.04.2018

(51) G06Q 10/08
(11) EP2684166
(21) EP12712449.3
(22) 06.03.2012
(54) AUTOMATED PASSENGER SCREENING CHECKPOINT
(73) Siemens Industry, Inc.

(72) CARPENTER, Michael D.
SIPE, Stanley W.
WORTH II, Floyd W.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161451358 P
201113188525
(32) 10.03.2011
22.07.2011
(33) United States of America
United States of America
(47) 02.05.2018

(51) G06T 5/00
(11) EP2902964
(21) EP15152655.5
(22) 27.01.2015
(54) Image processing method and image processing apparatus
(73) Rigaku Corporation
(72) Sakumura, Takuto
Nakaye, Yasukazu
Kajiyoshi, Koichi
Mikusu, Satoshi
(74) J.M.H. Duyver lic.
(31) 2014016100
(32) 30.01.2014
(33) Japan
(47) 18.04.2018

(51) G06T 7/593
(11) EP3149703
(21) EP15726952.3
(22) 02.06.2015
(54) DETERMINING QUANTITATIVE THREE-DIMENSIONAL SURFACE TOPOGRAPHY FROM TWO-DIMENSIONAL MICROSCOPY IMAGES
(73) Rijksuniversiteit Groningen
(72) MARTÍNEZ MARTÍNEZ, Diego
OCELIK, Vaclav
DE HOSSON, Josephus Theodorus Maria
MANSILLA SANCHEZ, Catalina
FABER, Enne Theodoor
(74) ir. C.M. Jansen c.s.
(31) 14170815
(32) 02.06.2014
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) G06T 19/00
(11) EP2589026
(21) EP10853839.8
(22) 30.06.2010
(54) METHOD AND APPARATUS FOR DETECTING REPETITIVE STRUCTURES IN 3D MESH MODELS
(73) Thomson Licensing
(72) CAI, Kangying
LI, Weiwei
CHEN, Zhibo
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 30.05.2018

(51) G07F 7/06
G07F 9/10
G07F 11/04
G07F 11/10
G07F 11/26
G07F 11/42
G07F 11/52
G07F 11/58
G07F 17/00
A47F 3/04
(11) EP2691942
(21) EP12706405.3
(22) 17.02.2012
(54) MERCHANDISER
(73) The Coca-Cola Company
(72) CARPENTIER, Bart
ROEKENS, Jurgen
DESSING, Jacobus P.M.
(74) ir. W.J.J.M. Kempes
(31) 201113076531
(32) 31.03.2011
(33) United States of America
(47) 04.04.2018

(51) G07F 11/54
(11) EP3029642
(21) EP15154376.6
(22) 09.02.2015
(54) Automated dispensing apparatus
(73) ABG Systems Srl
(72) Mastrojanni, Giovanni
Umili, Stefano
(74) ir. H.Th. van den Heuvel c.s.
(31) MI20142088
(32) 04.12.2014
(33) Italy
(47) 18.04.2018

(51) G07F 19/00
(11) EP2367158
(21) EP11151103.6
(22) 17.01.2011
(54) Magnetic reader
(73) Hitachi-Omron Terminal Solutions, Corp.
(72) Kimura, Tomoya
(74) ir. H.V. Mertens c.s.
(31) 2010059650
(32) 16.03.2010
(33) Japan
(47) 27.06.2018

(51) G09B 29/10
G01C 21/20
G08G 1/123
(11) EP2568461
(21) EP12183907.0
(22) 11.09.2012
(54) Method to track entities
(73) Thales
(72) Soulie Antoine
(74) ir. A.R. Aalbers
(31) 1102746
(32) 12.09.2011
(33) France
(47) 04.04.2018

(51) G09G 3/34
G09G 3/32
G09G 3/36
G02F 1/13357
G02F 1/1347
H04N 5/74
(11) EP2378507
(21) EP10013465.9
(22) 13.03.2003
(54) LIGHT EMITTING ELEMENT FAILURE COMPENSATION IN A DISPLAY
(73) Dolby Laboratories Licensing Corporation
(72) WHITEHEAD, Lorne
SEETZEN, Helge
GRAHAM, Don
WARD, Greg
STUERZLINGER, Wolfgang
(74) ir. W.J.J.M. Kempes
(31) 363563 P
(32) 13.03.2002
(33) United States of America
(47) 09.05.2018

(51) G10K 11/178
H04R 3/00
(11) EP3026665
(21) EP15203269.4
(22) 08.05.2008
(54) COMMUNICATION APPARATUS WITH AMBIENT NOISE REDUCTION
(73) Cirrus Logic International Semiconductor Limited
(72) SIBBALD, Alastair
(74) ir. C.G.C. Veldman-Dijkers
(31) 0708860
(32) 09.05.2007
(33) United Kingdom
(47) 18.04.2018

(51) G10L 19/00
(11) EP2954515
(21) EP14813862.1
(22) 12.06.2014
(54) AUDIO ENCODER AND DECODER WITH PROGRAM INFORMATION OR SUBSTREAM STRUCTURE METADATA
(73) Dolby Laboratories Licensing Corporation
(72) RIEDMILLER, Jeffrey
WARD, Michael
(74) ir. W.J.J.M. Kempes
(31) 201361836865 P
(32) 19.06.2013
(33) United States of America
(47) 09.05.2018

(51) G21G 1/12
G21K 5/08
C01G 39/00
H05H 9/00
H05H 6/00
(11) EP3000114
(21) EP14801507.6
(22) 23.05.2014
(54) PRODUCTION OF MOLYBDENUM-99 USING ELECTRON BEAMS
(73) Canadian Light Source Inc.
(72) DIAMOND, William
NAGARKAL, Vinay
DE JONG, Mark
REGIER, Christopher
LIN, Linda
ULLRICH, Douglas
(74) dr. W.A.H.M. Van Borm
(31) 2816453
(32) 23.05.2013
(33) Canada
(47) 02.05.2018

(51) H01G 7/02
G01R 31/02
H05F 7/00
H02N 11/00
(11) EP1999767
(21) EP07756971.3
(22) 14.02.2007
(54) ENERGY COLLECTION
(73) McCowen, Clint

(72) McCowen, Clint
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 358264
(32) 21.02.2006
(33) United States of America
(47) 04.04.2018

(51) H01H 33/59
(11) EP3161846
(21) EP15739695.3
(22) 29.06.2015
(54) ARRANGEMENT, SYSTEM, AND METHOD OF INTERRUPTING CURRENT
(73) Scibreak AB
(72) ÄNGQUIST, Lennart
NORRGA, Staffan
(74) J.M.H. Duyver lic.
(31) 201462018707 P
(32) 30.06.2014
(33) United States of America
(47) 04.04.2018

(51) H01H 37/04
H01H 37/54
B60R 16/03
H01H 37/34
H01H 37/52
(11) EP3120371
(21) EP15711652.6
(22) 26.02.2015
(54) THERMAL SAFETY SWITCH
(73) Ellenberger & Poensgen GmbH
(72) ULLERMANN, Wolfgang
SCHNEIDER, Ewald
KOOPS, Dietmar
(74) ir. P.J. Hylarides c.s.
(31) 102014004106
(32) 21.03.2014
(33) Germany
(47) 04.04.2018

(51) H01L 21/00
B25J 21/02
H01L 51/56
F24F 11/00
(11) EP2926363
(21) EP13858304.2
(22) 13.03.2013
(54) GAS ENCLOSURE ASSEMBLY AND SYSTEM
(73) Kateeva, Inc.
(72) MAUCK, Justin
KO, Alexander Sou-Kang
VRONSKY, Eliyahu
ALDERSON, Shandon
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261732173 P
201213720830
201361764973 P
(32) 30.11.2012
19.12.2012
14.02.2013
(33) United States of America
United States of America
United States of America
(47) 09.05.2018

(51) H01L 21/00
H01L 21/3065
C23C 16/455
H01J 37/32
(11) EP2539921
(21) EP11706951.8
(22) 25.02.2011
(54) APPARATUS AND METHOD FOR REACTIVE ION ETCHING
(73) Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
(72) ROOZEBOOM, Freddy
LANKHORST, Adriaan Marinus
POODT, Paulus Willibrordus George
KOSTER, Norbertus Benedictus
WINANDS, Gerardus Johan Jozef
VERMEER, Adrianus Johannes Petrus Maria
(74) ir. C.M. Jansen c.s.
(31) 10155103
10154955
(32) 01.03.2010
26.02.2010
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 04.04.2018

(51) H01L 21/66
G01N 1/32
H01J 37/305
(11) EP2878008
(21) EP13745536.6
(22) 25.07.2013
(54) ION BEAM SAMPLE PREPARATION APPARATUS AND METHODS
(73) Gatan Inc.
(72) HUNT, John Andrew
COYLE, Steven Thomas
HASSEL-SHEARER, Michael
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261676368 P
201313949369
(32) 27.07.2012
24.07.2013
(33) United States of America
United States of America
(47) 11.04.2018

(51) H01L 27/146
(11) EP2525406
(21) EP12354029.6
(22) 16.05.2012
(54) Low-flow, low-noise detection circuit
(73) Société Française de Détecteurs Infrarouges - SOFRADIR
(72) Sanson, Eric
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1101571
(32) 20.05.2011
(33) France
(47) 11.04.2018

(51) H01L 27/146
G01T 1/29
H04N 5/32
H04N 5/335
(11) EP1540730
(21) EP03817490.0
(22) 03.07.2003
(54) GANGED DETECTOR PIXEL, PHOTON/PULSE COUNTING RADIATION IMAGING DEVICE
(73) Oy AJAT Ltd.
(72) SPARTIOTIS, Konstantinos, E.
(74) J.M.H. Duyver lic.
(31) 194336
(32) 11.07.2002
(33) United States of America
(47) 13.06.2018

(51) H01L 33/42
H01L 33/22
C23C 14/08
C23C 14/30
(11) EP2721651
(21) EP12800673.1
(22) 15.06.2012
(54) METHOD FOR FORMING CURRENT DIFFUSION LAYER IN SEMICONDUCTOR LIGHT EMITTING DEVICE AND METHOD FOR FABRICATING SEMICONDUCTOR LIGHT EMITTING DEVICE
(73) Shenzhen BYD Auto R&D Company Limited
BYD Company Limited
(72) CHEN, Wanshi
ZHANG, Wang
(74) ir. W.J.J.M. Kempes
(31) 201110163904
(32) 17.06.2011
(33) China
(47) 04.04.2018

(51) H01L 33/48
H01L 33/62
H01L 23/498
H01L 33/50
H01L 33/52
(11) EP2664013
(21) EP11760577.4
(22) 10.08.2011
(54) LIGHT EMITTING DEVICE, LIGHT EMITTING MODULE, AND METHOD FOR MANUFACTURING LIGHT EMITTING DEVICE
(73) Kabushiki Kaisha Toshiba
(72) SUGIZAKI, Yoshiaki
KOJIMA, Akihiro
AKIMOTO, Yosuke
YASUDA, Hidefumi
TAKAHASHI, Nozomu
HIGUCHI, Kazuhito
OBATA, Susumu
TAMURA, Hideo
(74) J.M.H. Duyver lic.
(31) 2011005625
(32) 14.01.2011
(33) Japan
(47) 30.05.2018

(51) H01L 33/62
H01L 25/075
H01L 23/00
H01L 33/32
H01L 33/00
(11) EP2744000
(21) EP13196941.2
(22) 12.12.2013
(54) LED chip packaging structure, its manufacturing method and display device
(73) BOE Technology Group Co., Ltd.
Beijing BOE CHATANI Electronics Co., Ltd.
(72) Zheng, Weixin
Ma, Guoheng
Yang, Dongsheng
Qiao, Zhonglian

(74) ir. P.J. Hylarides c.s.
(31) 201210545538
(32) 14.12.2012
(33) China
(47) 04.04.2018

(51) H01M 4/131
H01G 11/08
H01G 11/78
H01M 4/133
H01M 4/48
H01M 4/587
H01M 10/04
H01M 10/0525
H01M 10/058
H01M 16/00
(11) EP3069397
(21) EP14808526.9
(22) 14.11.2014
(54) POWER SUPPLY DEVICE
(73) Technische Universität Darmstadt
(72) STAAB, Matthias
GREINER, Felix
SCHLAAK, Helmut F.
RAUBER, Markus
ENSINGER, Wolfgang
TEMPEL, Hermann
SCHNEIDER, Jörg J.
(74) J.M.H. Duyver lic.
(31) 102013112578
(32) 14.11.2013
(33) Germany
(47) 04.04.2018

(51) H01M 6/24
H01M 4/36
H01M 4/38
H01M 4/587
H01M 6/14
H01M 6/50
(11) EP3113266
(21) EP15754849.6
(22) 15.01.2015
(54) METHOD OF CHECKING THE REMAINING CAPACITY OF A LITHIUM PRIMARY BATTERY
(73) Vitzrocell Co., Ltd.
(72) LEE, Chae-Bong
JUNG, Hyen-Woo
PARK, Sang-Choul
JUNG, Sung-Hoon
YOON, Kyu-Byoung
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20140022333
(32) 26.02.2014
(33) Korea (Republic)
(47) 02.05.2018

(51) H01M 10/04
H01M 6/12
H01M 6/40
H01M 4/62
H01M 4/583
H01M 4/50
H01M 4/04
H01M 4/42
H01M 2/18
H01M 2/16
H01M 10/0568
G02C 7/08
G02C 7/04
H01M 6/32
H01M 6/42
H01M 4/24
H01M 6/04
H01M 4/02
H01M 2/02
H01M 10/052
H01M 10/0525
(11) EP3024082
(21) EP15181863.0
(22) 20.08.2015
(54) BIOCOMPATIBLE PRIMARY BATTERIES FOR BIOMEDICAL DEVICES
(73) Johnson & Johnson Vision Care Inc.
(72) FLITSCH, Frederick A.
MAHADEVAN, Shivkumar
OTTS, Daniel B.
PUGH, Randall B.
RIALL, James Daniel
TONER, Adam
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201462040178 P
201514746160
(32) 21.08.2014
22.06.2015
(33) United States of America
United States of America
(47) 02.05.2018

(51) H01M 10/28
H01M 2/10
H01M 2/16
H01M 2/18
H01M 2/30
H01M 4/24
H01M 12/08
H01M 10/34
H01M 4/90
H01M 8/18
H01M 4/86
(11) EP2833469
(21) EP12873422.5
(22) 18.12.2012
(54) REVERSIBLE FUEL CELL AND REVERSIBLE FUEL CELL SYSTEM
(73) The University of Tokyo
Exergy Power Systems, Inc.
(72) TSUTSUMI, Atsushi
TSUTSUMI, Kaduo
(74) J.M.H. Duyver lic.
(31) 2012083294
(32) 30.03.2012
(33) Japan
(47) 06.06.2018

(51) H01Q 1/28
H01Q 3/04
H01Q 3/32
H01Q 21/06
(11) EP3155689
(21) EP15728822.6
(22) 08.06.2015
(54) FLAT ANTENNA FOR SATELLITE COMMUNICATION
(73) Ineo Defense
(72) COLLIGNON, Gérard
(74) J.M.H. Duyver lic.
(31) 1455391
(32) 13.06.2014
(33) France
(47) 06.06.2018

(51) H01Q 1/52
H01Q 21/30
H03F 1/32
H04L 1/00
H04L 27/36
(11) EP3275091
(21) EP15716182.9
(22) 25.03.2015
(54) PREPARING TRANSMISSION SIGNALS FOR TRANSMISSION
(73) Telefonaktiebolaget LM Ericsson (PUBL)
(72) NAMMI, Sairamesh
CHAPMAN, Thomas
ELFSTRÖM, Torbjörn
GÖRANSSON, Bo
(74) ir. H.V. Mertens c.s.
(47) 06.06.2018

(51) H01R 13/52
(11) EP2323226
(21) EP09793854.2
(22) 09.07.2009
(54) WATER-PROOF INSULATION CONNECTOR
(73) Chengdu Argangle Technology Co., Ltd.
(72) ZHOU, Gang
(74) drs. C.M.A. Quintelier
(31) 200810045509
(32) 10.07.2008
(33) China
(47) 18.04.2018

(51) H01R 43/20
H01R 4/30
H01R 4/36
H02G 1/14
H01R 11/09
H01R 43/048
H01R 4/20
(11) EP3091619
(21) EP16001020.3
(22) 04.05.2016
(54) METHOD FOR CONNECTING HIGH VOLTAGE CABLES WITH MULTI-CORE CONDUCTORS
(73) NKT GmbH & Co. KG
(72) Jazgar, Maciej
Willén, Dag
Thidemann, Carsten
(74) J.M.H. Duyver lic.
(31) 102015005993
(32) 08.05.2015
(33) Germany
(47) 18.04.2018

(51) H02G 3/04
(11) EP3123577
(21) EP14714978.5
(22) 27.03.2014
(54) CABLE TRAY AND A METHOD OF PRODUCING SUCH A CABLE TRAY
(73) Schneider Electric Industries SAS
(72) ÖJERSTAV, Jan
WESGARDH, Rolf
(74) ir. M.F.J.M. Ketelaars c.s.
(47) 02.05.2018

(51) H02G 3/32
H02G 11/00

A61B 34/00
(11) EP3087646
(21) EP14815627.6
(22) 10.12.2014
(54) PIVOT CABLE SOLUTION
(73) Koninklijke Philips N.V.
(72) CUPPEN, Martinus Antonius Maria
BLEYEN, Walter Peter
LOMMEN, Wilhelmus Gerardus Theodorus
(74) drs. O. Griebling
(31) 13198597
(32) 19.12.2013
(33) European Patent Office (EPO)
(47) 21.03.2018

(51) H02J 7/00
H02J 9/00
(11) EP3103182
(21) EP15708546.5
(22) 10.03.2015
(54) DEVICE AND METHOD FOR CONNECTING A BATTERY MANAGEMENT SYSTEM
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) JUNG, Max
LUX, Stephan
(74) mr. dr. H.D. Dokter
(31) 102014204473
(32) 11.03.2014
(33) Germany
(47) 11.04.2018

(51) H02K 7/14
F03G 3/08
F03G 7/08
H02K 7/18
(11) EP2829728
(21) EP13177414.3
(22) 22.07.2013
(54) Vehicle for the transportation of passengers comprising at least one axle having outer wheels including an energy recovery apparatus
(73) IVECO FRANCE S.A.S.
(72) Gendre, Guy Pierre
Martin, Gérard Jean-Marie
(74) ir. H.V. Mertens c.s.
(47) 27.06.2018

(51) H02K 11/33
H02K 5/22
H02K 3/52
(11) EP2874285
(21) EP14191611.4
(22) 04.11.2014
(54) Motor
(73) Nidec Corporation
(72) Sakai, Teppei
Yama, Takahiro
Ishikawa, Kazushi
(74) mr. dr. H.D. Dokter
(31) 2013232781
(32) 11.11.2013
(33) Japan
(47) 11.04.2018

(51) H02K 49/10
H02K 7/09
B01F 13/08
B01F 15/00
H02K 7/08
H02K 5/167
(11) EP3091647
(21) EP16159069.0
(22) 08.03.2016
(54) DRIVE UNIT FOR AN AGITATOR AND AN AGITATOR
(73) PRG Präzisions-Rührer GmbH
(72) Dierkes, Hubert
(74) J.M.H. Duyver lic.
(31) 102015106566
(32) 28.04.2015
(33) Germany
(47) 09.05.2018

(51) H02M 1/08
H03M 1/08
H03M 1/44
G05F 1/575
H03M 1/46
(11) EP2713511
(21) EP13005146.9
(22) 07.11.2008
(54) Circuits and methods to reduce or eliminate signal-dependent modulation of a reference bias
(73) Linear Technology Corporation
(72) Zanchi, Alfio
Thomas, David M.
Sousa, Joseph L.
Thomas, Andrew J.
Steensgaard-Madsen, Jesper
(74) ir. C.M. Jansen c.s.
(31) 2495
(32) 09.11.2007
(33) United States of America
(47) 25.04.2018

(51) H03F 1/26
H04L 27/36
H04L 25/49
H04B 1/04
H03G 1/00
H03F 1/32
H03F 1/02
H03G 3/30
H03G 11/00
H03F 3/24
(11) EP2433360
(21) EP09845004.2
(22) 18.05.2009
(54) TRANSMITTER WITH QUANTIZATION NOISE COMPENSATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) GUSTAVSSON, Ulf
THOREBÄCK, Johan
(74) ir. C.M. Jansen c.s.
(47) 11.04.2018

(51) H03M 13/37
H03M 13/45
H04L 1/00
(11) EP2467942
(21) EP10749950.1
(22) 19.08.2010
(54) METHODS EMPLOYING FEC CODES WITH PERMANENT INACTIVATION OF SYMBOLS FOR ENCODING AND DECODING PROCESSES
(73) QUALCOMM Incorporated
(72) LUBY, Michael, G.
SHOKROLLAHI, Mohammad, Amin
MINDER, Lorenz Christoph
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 235285 P
604773
257146 P
353910 P
859161 P
(32) 19.08.2009
23.10.2009
02.11.2009
11.06.2010
18.08.2010
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 02.05.2018

(51) H04B 3/32
H04M 3/18
H04M 11/06
(11) EP3202047
(21) EP14783684.5
(22) 30.09.2014
(54) METHOD AND ARRANGEMENT IN A DSL VECTORING SYSTEM
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) MEDEIROS, Eduardo Lins de
ERIKSSON, Per-Erik
HUANG, Yezi
LU, Chenguang
MAGESACHER, Thomas
(74) ir. J.M.G. Dohmen c.s.
(47) 30.05.2018

(51) H04B 3/46
G01R 27/06
G01R 31/11
(11) EP3158655
(21) EP14747423.3
(22) 19.06.2014
(54) ESTIMATION OF IMPEDANCES IN A TRANSMISSION MEDIUM
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) FERTNER, Antoni
BÖRJESSON, Per Ola
ERICSON, Klas
(74) ir. J.M.G. Dohmen c.s.
(47) 30.05.2018

(51) H04B 5/00
H02J 7/02
(11) EP2599233
(21) EP11749604.2
(22) 26.07.2011
(54) LOW POWER DETECTION OF WIRELESS POWER DEVICES
(73) Qualcomm Incorporated
(72) LEE, Kevin, D.
LOW, Zhen, Ning
CAROBOLANTE, Francesco
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 368581 P
201113030045
(32) 28.07.2010
17.02.2011
(33) United States of America
United States of America
(47) 18.04.2018

(51) H04B 7/02

H04B 7/024
H04B 7/06
(11) EP2834923
(21) EP12873580.0
(22) 04.04.2012
(54) SELECTING ANTENNAS IN DOWNLINK COOPERATIVE SCHEDULING
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) VON WRYCZA, Peter
JOHANSSON, Niklas
PARKVALL, Stefan
(74) J.M.H. Duyver lic.
(47) 06.06.2018

(51) H04B 7/024
H04B 7/06
H04W 24/10
(11) EP2606670
(21) EP12821398.0
(22) 10.08.2012
(54) METHODS OF POINT ASSOCIATION FOR COOPERATIVE MULTIPLE POINT TRANSMISSION
(73) MediaTek Inc.
(72) LIAO, Pei-Kai
LIN, Chih-Yuan
(74) ir. C.M. Jansen c.s.
(31) 201161522575 P
201213570717
(32) 11.08.2011
09.08.2012
(33) United States of America
United States of America
(47) 04.04.2018

(51) H04B 7/06
H04B 7/08
H04B 7/04
(11) EP2826163
(21) EP13708489.3
(22) 12.03.2013
(54) METHOD OF, AND APPARATUS FOR, CONTROLLING A WIRELESS CONNECTION IN A MIMO SYSTEM USING MULTI-SECTOR DIRECTIONAL ANTENNAS
(73) Thomson Licensing DTV
(72) SALONIDIS, Theodoros
KIM, Tae Hyun
LUNDGREN, Henrik
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 12305307
(32) 15.03.2012
(33) European Patent Office (EPO)
(47) 30.05.2018

(51) H04B 10/00
H04L 12/24
(11) EP2865109
(21) EP12879363.5
(22) 20.06.2012
(54) DEVICES AND METHODS FOR FLOW CONTROL OF MESSAGES IN AN PASSIVE OPTICAL NETWORK (PON) AND METHODS THEREIN
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) CHEN, Ling
SAID, Laith
(74) J.M.H. Duyver lic.
(47) 06.06.2018

(51) H04B 10/112
H04B 10/114
H04B 10/116
H04J 14/02
(11) EP2399352
(21) EP10743969.7
(22) 19.02.2010
(54) APPARATUS AND METHOD FOR INTERFERENCE MITIGATION AND CHANNEL SELECTION FOR VISIBLE LIGHT COMMUNICATION
(73) Samsung Electronics Co., Ltd.
(72) RAJAGOPAL, Sridhar
KHAN, Farooq
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 208127 P
584135
(32) 20.02.2009
01.09.2009
(33) United States of America
United States of America
(47) 11.04.2018

(51) H04L 1/00
(11) EP2262145
(21) EP10012799.2
(22) 20.08.2004
(54) METHOD AND APPARATUS FOR PROVIDING UPLINK PACKET DATA SERVICE IN ASYNCHRONOUS WCDMA SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) Youn-Hyoung, Heo
Ju-Ho, Lee
Sung-Ho, Choi
Young-Bum, Kim
Yong-Jun, Kwak
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20030057735
20040031894
20040049751
20040064898
(32) 20.08.2003
06.05.2004
29.06.2004
17.08.2004
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
(47) 11.04.2018

(51) H04L 1/00
H04L 1/18
H04L 27/26
(11) EP2043290
(21) EP08165355.2
(22) 29.09.2008
(54) Method and apparatus of improved circular buffer rate matching for coded MIMO-OFDM wireless systems
(73) Samsung Electronics Co., Ltd.
(72) Khan, Farooq c/o Samsung Electronics Co., Ltd.
Pi, Zhouyue c/o Samsung Electronics Co., Ltd.
Tsai, Jiann-an c/o Samsung Electronics Co., Ltd.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 960448 P
216519
(32) 28.09.2007
07.07.2008
(33) United States of America
United States of America
(47) 11.04.2018

(51) H04L 1/00
H04L 5/00
H04L 27/36
H04L 1/16
(11) EP2811676
(21) EP13754684.2
(22) 20.02.2013
(54) INFORMATION TRANSMISSION METHOD AND DEVICE
(73) Huawei Technologies Co., Ltd.
(72) YANG, Jianbing
LI, Yang
CHENG, Xingqing
WAN, Lei
(74) ir. W.J.J.M. Kempes
(31) 201210054842
(32) 02.03.2012
(33) China
(47) 04.04.2018

(51) H04L 1/16
H04L 1/18
(11) EP3207651
(21) EP15723320.6
(22) 10.04.2015
(54) HARQ FEEDBACK REPORTING BASED ON MIRRORED INFORMATION COPIED FROM RESOURCE-ASSIGNMENT MESSAGE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) BERGSTRÖM, Andreas
ANDERSSON, Håkan
FURUSKOG, Johan
WIBERG, Niclas
ZHANG, Qiang
(74) ir. J.M.G. Dohmen c.s.
(31) 201462063140 P
(32) 13.10.2014
(33) United States of America
(47) 06.06.2018

(51) H04L 1/18
(11) EP1661288
(21) EP04777405.4
(22) 01.07.2004
(54) ADAPTIVE HYBRID ARQ ALGORITHMS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) CHENG, Jung-Fu
(74) ir. J.M.G. Dohmen c.s.
(31) 624321
(32) 22.07.2003
(33) United States of America
(47) 25.04.2018

(51) H04L 1/18
H04J 3/00
(11) EP2815530
(21) EP13749233.6
(22) 14.02.2013
(54) METHOD AND APPARATUS FOR TRANSMITTING UPLINK AND DOWNLINK DATA IN TDD SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) JI, Hyoung Ju
CHO, Joon Young
CHOI, Seung Hoon

KIM, Young Bum
LEE, Ju Ho
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261598466 P
201261603459 P
201261607694 P
(32) 14.02.2012
27.02.2012
07.03.2012
(33) United States of America
United States of America
United States of America
(47) 23.05.2018

(51) H04L 1/18
H04L 27/34
(11) EP2226959
(21) EP10155142.2
(22) 02.03.2010
(54) QAM mapping for an ARQ system
(73) Acer Incorporated
(72) Zheng, Yan-Xiu
Fang, Yu-Chuan
(74) ir. C.M. Jansen c.s.
(31) 156720 P
(32) 02.03.2009
(33) United States of America
(47) 25.04.2018

(51) H04L 12/14
H04L 29/06
H04M 15/00
(11) EP2636182
(21) EP11838316.5
(22) 20.09.2011
(54) METHOD AND NETWORK NODES THAT ESTABLISH SESSIONS USING EXISTING CONNECTIONS IDENTIFIED IN A CENTRAL DATABASE
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) JOHANSSON, Tore
(74) ir. J.M.G. Dohmen c.s.
(31) 916877
(32) 01.11.2010
(33) United States of America
(47) 06.06.2018

(51) H04L 12/24
H04W 48/08
H04W 68/00
H04W 72/04
H04W 76/02
H04W 88/02
H04W 88/08
H04W 92/18
(11) EP2914056
(21) EP13852248.7
(22) 11.10.2013
(54) APPARATUSES AND METHOD FOR DEVICE-TO-DEVICE (D2D) COMMUNICATIONS IN A MOBILE COMMUNICATION SYSTEM
(73) KYOCERA Corporation
(72) FUKUTA, Noriyoshi
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261719612 P
(32) 29.10.2012
(33) United States of America
(47) 23.05.2018

(51) H04L 12/40
(11) EP2534797
(21) EP11705835.4
(22) 08.02.2011
(54) METHOD AND BUS CONNECTION UNIT FOR SELECTIVELY WAKING USERS OF A BUS SYSTEM
(73) Robert Bosch GmbH
(72) HARTWICH, Florian
RETTIG, Rasmus
(74) ir. C.M. Jansen c.s.
(31) 102011003726
102010007282
(32) 07.02.2011
08.02.2010
(33) Germany
Germany
(47) 18.04.2018

(51) H04L 12/733
H04L 12/751
H04L 12/863
H04L 12/951
H04L 12/721
H04L 12/707
(11) EP3087708
(21) EP15748836.2
(22) 13.02.2015
(54) METHOD TO ROUTE PACKETS IN A DISTRIBUTED DIRECT INTERCONNECT NETWORK
(73) Rockport Networks Inc.
(72) NEUSTADTER, Udo
OPREA, Dan
CATANA, Andrei
(74) ir. C.M. Jansen c.s.
(31) 201461939487 P
(32) 13.02.2014
(33) United States of America
(47) 11.04.2018

(51) H04L 12/801
H04L 12/747
H04L 12/715
(11) EP3164970
(21) EP15744671.7
(22) 25.06.2015
(54) A METHOD AND SYSTEM FOR COMPRESSING FORWARD STATE OF A DATA NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) ZHANG, Ying
(74) J.M.H. Duyver lic.
(31) 201414322763
(32) 02.07.2014
(33) United States of America
(47) 06.06.2018

(51) H04L 25/02
(11) EP2456151
(21) EP10811592.4
(22) 17.06.2010
(54) DATA COMMUNICATION APPARATUS
(73) Thine Electronics, Inc.
(72) YAMASAKI Daisuke
(74) J.M.H. Duyver lic.
(31) 2009195085
(32) 26.08.2009
(33) Japan
(47) 23.05.2018

(51) H04L 29/06
(11) EP2106087
(21) EP09156531.7
(22) 27.03.2009
(54) Method and apparatus for handling security level of device on network
(73) Samsung Electronics Co., Ltd.
(72) Choi, Hyok-sung
Lee, Sang-Kwon
Shin, Seong-kook
Han, Se-jun
Yu, Hee-seok
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20080092943
40422 P
40795 P
(32) 22.09.2008
28.03.2008
31.03.2008
(33) Korea (Republic)
United States of America
United States of America
(47) 02.05.2018

(51) H04L 29/06
(11) EP2308203
(21) EP09780738.2
(22) 16.07.2009
(54) DYNAMIC QoS IN A NETWORK DISTRIBUTING STREAMED CONTENT
(73) EchoStar Technologies L.L.C.
(72) THOMPSON, Geoffrey
(74) dr. A. Krebs
(31) 0813203
0904376
(32) 18.07.2008
13.03.2009
(33) United Kingdom
United Kingdom
(47) 30.05.2018

(51) H04L 29/06
(11) EP2795865
(21) EP11802750.7
(22) 23.12.2011
(54) SESSION ESTABLISHMENT IN AN IP MULTIMEDIA SUBSYSTEM NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) NOLDUS, Rogier
HUYSMANS, Martinus Johannes Fransciscus
(74) ir. J.M.G. Dohmen c.s.
(47) 25.04.2018

(51) H04L 29/06
H04N 19/36
H04N 19/37
H04N 19/44
H04N 19/61
H04N 19/126
H04N 19/423
H04N 19/436
(11) EP1856917
(21) EP06748351.1
(22) 10.03.2006
(54) SCALABLE VIDEO CODING WITH TWO LAYER ENCODING AND SINGLE LAYER DECODING
(73) QUALCOMM INCORPORATED
(72) CHEN, Peisong
RAVEENDRAN, Vijayalakshmi R.
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 660877 P
713208 P

(32) 10.03.2005
30.08.2005
(33) United States of America
United States of America
(47) 18.04.2018

(51) H04L 29/06
H04W 48/14
H04W 12/08
(11) EP2422504
(21) EP10717200.9
(22) 26.04.2010
(54) METHOD AND APPARATUS TO DISCOVER AUTHENTICATION INFORMATION IN A WIRELESS NETWORKING ENVIRONMENT
(73) BlackBerry Limited
(72) MCCANN, Stephen
MONTEMURRO, Michael
(74) ir. F.E. Hoeben
(31) 504500
172597 P
(32) 16.07.2009
24.04.2009
(33) United States of America
United States of America
(47) 04.04.2018

(51) H04M 1/02
H04M 1/247
G06F 3/0486
G06F 3/01
G06F 3/042
G06F 3/0484
H04M 1/725
G06F 3/0488
(11) EP2517444
(21) EP09852416.8
(22) 22.12.2009
(54) METHOD AND APPARATUS FOR PERFORMING A FUNCTION IN AN ELECTRONIC DEVICE
(73) Google Technology Holdings LLC
(72) ZHU, Xiao-Feng
ZONG, Xiang-Yu
(74) ir. H.J.G. Lips c.s.
(47) 27.06.2018

(51) H04M 11/00
H04Q 9/00
H04B 3/54
(11) EP1654861
(21) EP03817921.4
(22) 17.07.2003
(54) METHOD AND SYSTEM FOR REMOTE UPDATES OF METERS FOR METERING THE CONSUMPTION OF ELECTRICITY, WATER OR GAS
(73) e-distribuzione S.p.A.
(72) GIUBBINI, Paolo
(74) J.M.H. Duyver lic.
(47) 04.04.2018

(51) H04N 5/64
(11) EP3125534
(21) EP16188485.3
(22) 15.08.2011
(54) A PCMCIA INTERFACE DEVICE FOR A CHIP CARD CAM AND A METHOD FOR ASSEMBLY AND DISASSEMBLY OF SAID INTERFACE DEVICE
(73) SmarDTV S.A.
(72) LAMBERT, Marc
MUNIER, Jean-Christophe
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 10173586
(32) 20.08.2010
(33) European Patent Office (EPO)
(47) 02.05.2018

(51) H04N 5/91
H04N 5/225
H04N 7/18
H04N 5/262
G06K 9/00
G08G 1/01
(11) EP2577958
(21) EP11790197.5
(22) 23.05.2011
(54) SIMULATED VIDEO WITH EXTRA VIEWPOINTS AND ENHANCED RESOLUTION FOR TRAFFIC CAMERAS
(73) Microsoft Technology Licensing, LLC
(72) CHEN, Billy
OFEK, Eyal
(74) ir. P.J. Hylarides c.s.
(31) 792881
(32) 03.06.2010
(33) United States of America
(47) 02.05.2018

(51) H04N 7/10
H04N 21/43
(11) EP3136718
(21) EP16185487.2
(22) 24.08.2016
(54) METHOD FOR SYNCHRONIZING VIDEO AND AUDIO IN VIRTUAL REALITY SYSTEM
(73) HTC Corporation
(72) TSENG, Mong-Yu
CHOI, Iok-Kan
WU, Jing-Lung
(74) ir. J.M.G. Dohmen c.s.
(31) 201562210843 P
201615222146
(32) 27.08.2015
28.07.2016
(33) United States of America
United States of America
(47) 09.05.2018

(51) H04N 7/20
H04N 21/426
H04N 21/433
H04N 21/472
H04N 21/482
H04N 5/782
H04N 5/775
H04N 7/173
H04N 5/44
(11) EP2826242
(21) EP13760237.1
(22) 14.03.2013
(54) RECORDING OF MULTIPLE TELEVISION CHANNELS
(73) Echostar Technologies L.L.C.
(72) MINNICK, Danny, Jean
SCHAEFER, Germar
(74) ir. F.A. Geurts c.s.
(31) 201261611483 P
201313799604
201313799719
(32) 15.03.2012
13.03.2013
13.03.2013
(33) United States of America
United States of America
United States of America
(47) 13.06.2018

(51) H04N 21/6405
G06F 13/00
H04N 21/6437
(11) EP3051830
(21) EP14848207.8
(22) 12.09.2014
(54) CONTENT SUPPLY DEVICE, CONTENT SUPPLY METHOD, PROGRAM, RECEIVING DEVICE, AND CONTENT SUPPLY SYSTEM
(73) Sony Corporation
(72) YAMAGISHI, Yasuaki
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 2013202440
(32) 27.09.2013
(33) Japan
(47) 13.06.2018

(51) H04W 4/00
G06F 3/0488
H04L 29/12
G06F 3/0485
H04M 1/2745
(11) EP2677775
(21) EP13172463.5
(22) 18.06.2013
(54) Method and Apparatus for Performing Capability Discovery of Rich Communication Suite in a Portable Terminal
(73) Samsung Electronics Co., Ltd
(72) Jang, Jae-Young
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20120064976
(32) 18.06.2012
(33) Korea (Republic)
(47) 30.05.2018

(51) H04W 8/00
(11) EP2910063
(21) EP13847943.1
(22) 18.10.2013
(54) SYSTEM AND METHOD FOR AD-HOC/NETWORK ASSISTED DEVICE DISCOVERY PROTOCOL FOR DEVICE TO DEVICE COMMUNICATIONS
(73) Samsung Electronics Co., Ltd.
(72) NOVLAN, Thomas David
NAM, Young Han
NG, Boon Loong
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201261716330 P
201361748690 P
201314054544
(32) 19.10.2012
03.01.2013
15.10.2013
(33) United States of America
United States of America
United States of America
(47) 02.05.2018

(51) H04W 8/26
(11) EP3136762
(21) EP16189353.2

(22) 12.08.2008
(54) METHODS AND APPARATUSES FOR PROVIDING AN APPLICATION IDENTIFIER FOR A REQUESTED CONNECTION
(73) NEC Corporation
(72) SERRAVALLE, Francesca
(74) ir. H.V. Mertens c.s.
(31) 0715940
(32) 15.08.2007
(33) United Kingdom
(47) 06.06.2018

(51) H04W 8/26
H04W 12/04
H04W 8/28
(11) EP2745560
(21) EP12735908.1
(22) 20.07.2012
(54) METHOD FOR SWITCHING A SUBSCRIPTION FROM A FIRST MNO TO A SECOND MNO
(73) Gemalto SA
(72) NISHI, Kenji
BURIANNE, Yannick
(74) ir. C.M. Jansen c.s.
(31) 11306057
(32) 19.08.2011
(33) European Patent Office (EPO)
(47) 04.04.2018

(51) H04W 28/22
H04W 88/02
(11) EP2263410
(21) EP09714372.1
(22) 18.02.2009
(54) METHODS AND APPARATUS FOR HANDLING A SIGNALING MESSAGE THAT RELATES TO TRANSMISSION RATE RESTRICTIONS
(73) QUALCOMM Incorporated
(72) KENCHAREDDY, Sanjay
AMERGA, Daniel
KITAZOE, Masato
RAO, Preeti, Srinivas
KRISHNAMOORTHY, Srividhya
SANKA, Suresh
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 32305 P
186361
(32) 28.02.2008
05.08.2008
(33) United States of America
United States of America
(47) 02.05.2018

(51) H04W 36/00
H04W 24/10
H04W 36/14
H04W 48/12
H04W 84/12
H04W 24/00
(11) EP2946594
(21) EP13830052.0
(22) 18.12.2013
(54) REPORTING WIFI CHANNEL MEASUREMENTS TO A CELLULAR RADIO NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) RICHARDS, Christopher
(74) ir. J.M.G. Dohmen c.s.
(31) 201313741473
(32) 15.01.2013
(33) United States of America
(47) 25.04.2018

(51) H04W 36/20
(11) EP2082598
(21) EP06829029.5
(22) 13.11.2006
(54) WIRELESS TELECOMMUNICATIONS SYSTEMS
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) OSTERLING, Jacob
MOLANDER, Mats
(74) ir. J.M.G. Dohmen c.s.
(47) 18.04.2018

(51) H04W 40/24
H04L 29/06
H04M 7/12
(11) EP2526668
(21) EP10701659.4
(22) 21.01.2010
(54) CALL CONTROL ENTITY FOR A COMMUNICATION NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) EWERT, Joerg, Christian
WITZEL, Andreas
(74) ir. J.M.G. Dohmen c.s.
(47) 25.04.2018

(51) H04W 52/02
(11) EP2868144
(21) EP13730903.5
(22) 25.06.2013
(54) LOW POWER CONSUMPTION MODE FOR WLAN ACCESS POINT
(73) Thomson Licensing
(72) JEANNE, Ludovic
FONTAINE, Patrick
CHAMBELIN, Philippe
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1256234
(32) 29.06.2012
(33) France
(47) 13.06.2018

(51) H04W 52/02
H04W 76/04
(11) EP3146767
(21) EP15731693.6
(22) 22.05.2015
(54) OPTIMIZED SYNCHRONIZATION PROCEDURE FOR PROLONGED PERIODS OF SLEEP
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) DAS, Sajal Kumar
BALLAKUR, Ravitej
JOHANSSON, Nicklas
SAMUELSSON, Mats
DIACHINA, John Walter
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 1349DE2014
201462021967 P
201514719225
(32) 22.05.2014
08.07.2014
21.05.2015
(33) India
United States of America
United States of America
(47) 02.05.2018

(51) H04W 56/00
H04W 84/18
(11) EP3031257
(21) EP14757995.7
(22) 08.08.2014
(54) METHOD AND APPARATUS FOR TIMING MISALIGNMENT SIGNALLING
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SORRENTINO, Stefano
MASINI, Gino Luca
WÄNSTEDT, Stefan
(74) ir. J.M.G. Dohmen c.s.
(31) 201361864372 P
(32) 09.08.2013
(33) United States of America
(47) 04.04.2018

(51) H04W 72/00
H04W 24/02
H04W 36/08
H04W 36/22
H04W 4/06
H04W 24/08
(11) EP3183928
(21) EP14790716.6
(22) 19.08.2014
(54) DYNAMIC RESOURCE ALLOCATION BY BASE STATION PROVIDING BOTH BROADCAST AND UNICAST SERVICES
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LI, Weigang
XU, Jingdi
(74) ir. H.V. Mertens c.s.
(47) 06.06.2018

(51) H04W 72/04
H04L 5/00
(11) EP3139688
(21) EP16195501.8
(22) 20.06.2011
(54) MOBILE HANDSET UPLINK CONTROL INFORMATION (UCI) MAPPING INDICATOR IN THE CONTEXT OF LONG TERM EVOLUTION (LTE) CARRIER AGGREGATION
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) Gerstenberger, Dirk
Baldemair, Robert
Larsson, Daniel
Hammarwall, David
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 356856 P
201113163151
(32) 21.06.2010
17.06.2011
(33) United States of America
United States of America
(47) 02.05.2018

(51) H04W 72/04
H04W 72/12
(11) EP3097733
(21) EP14704707.0
(22) 23.01.2014
(54) RELEASE OF SEMI-PERSISTENT SCHEDULING
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) LANGEREIS, Alexander
AHMED, Saad Naveed
CORRY, Don

SANDBERG, David
(74) ir. H.V. Mertens c.s.
(47) 30.05.2018

(51) H04W 72/04
H04W 74/00
H04W 74/08
H04B 7/06
H04B 7/08
(11) EP2532206
(21) EP11703552.7
(22) 03.02.2011
(54) PROTOCOL FOR SIGNALLING DURING AN ACCESS PERIOD INFORMATION FOR SELECTING ANTENNA BEAMS
(73) Qualcomm Incorporated
(72) SAMPATH, Hemanth
TAGHAVI NASRABADI, Mohammad Hossein
ABRAHAM, Santosh P.
VERMANI, Sameer
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 941681
300863 P
(32) 08.11.2010
03.02.2010
(33) United States of America
United States of America
(47) 02.05.2018

(51) H04W 72/12
H04W 12/02
H04L 29/06
(11) EP3286967
(21) EP15719191.7
(22) 23.04.2015
(54) TECHNIQUE FOR SCHEDULING TRANSMISSION OF CONTENT IN AN ACCESS NETWORK
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) SZABO, Geza
RÁCZ, Sándor
(74) ir. H.V. Mertens c.s.
(47) 13.06.2018

(51) H04W 74/08
H04W 56/00
H04W 72/12
(11) EP2705621
(21) EP12782092.6
(22) 07.05.2012
(54) METHODS AND APPARATUS FOR RANDOM ACCESS PROCEDURES WITH CARRIER AGGREGATION FOR LTE-ADVANCED SYSTEMS
(73) Samsung Electronics Co., Ltd.
(72) NG, Boon Loong
VAN LIESHOUT, Gerardus Johannes Petrus
ZHANG, Jianzhong
JEONG, Kyeong-In
KIM, Soeng-Hun
NAM, Young-Han
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 201161483516 P
201161511927 P
201161538717 P
201261610904 P
201213462401
(32) 06.05.2011
26.07.2011
23.09.2011
14.03.2012
02.05.2012
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 02.05.2018

(51) H04W 76/04
H04W 52/02
(11) EP2114103
(21) EP09157998.7
(22) 15.04.2009
(54) Method and apparatus for data transmission in wireless local access network and system therefor
(73) Samsung Electronics Co., Ltd.
(72) Woo, Yong Ha
(74) ir. M.F.J.M. Ketelaars c.s.
(31) 20080041366
(32) 02.05.2008
(33) Korea (Republic)
(47) 30.05.2018

(51) H04W 76/19
H04W 76/27
(11) EP2742767
(21) EP12751027.9
(22) 08.08.2012
(54) SUSPENDING A CONNECTION IN A WIRELESS COMMUNICATION SYSTEM
(73) BlackBerry Limited
(72) ANDERSON, Nicholas William
BURBIDGE, Richard Charles
YOUNG, Gordon Peter
(74) ir. F.E. Hoeben
(31) 201161523021 P
201161522998 P
201161523009 P
201161523039 P
201161523053 P
201161523016 P
(32) 12.08.2011
12.08.2011
12.08.2011
12.08.2011
12.08.2011
12.08.2011
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
(47) 04.04.2018

(51) H04W 88/02
H04W 4/02
(11) EP2974509
(21) EP14767853.6
(22) 24.02.2014
(54) PERSONAL INFORMATION COMMUNICATOR
(73) Intel Corporation
(72) TRANTOW, Wayne D.
(74) ir. W.J.J.M. Kempes
(31) 201313832677
(32) 15.03.2013
(33) United States of America
(47) 28.03.2018

(51) H04W 88/08
(11) EP2783547
(21) EP11857422.7
(22) 24.11.2011
(54) ALLOCATION OF BASEBAND RESOURCES TO A RADIO UNIT OF A SERVING CELL
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) JOHANSSON, Bernt
ÖSTERLING, Jacob
(74) J.M.H. Duyver lic.
(47) 13.06.2018

(51) H05G 2/00
G02B 7/00
H01S 3/00
(11) EP3106005
(21) EP14704340.0
(22) 13.02.2014
(54) DEVICE AND METHOD FOR PROTECTING A VACUUM ENVIRONMENT AGAINST LEAKAGE, AND EUV RADIATION-GENERATING APPARATUS
(73) TRUMPF Laser-und Systemtechnik GmbH
(72) ENZMANN, Andreas
VOLZ, Björn
(74) ir. W.J.J.M. Kempes
(47) 04.04.2018

(51) H05H 1/46
C01B 32/182
(11) EP3167694
(21) EP15730237.3
(22) 12.06.2015
(54) APPARATUS AND METHOD FOR PLASMA SYNTHESIS OF GRAPHITIC PRODUCTS INCLUDING GRAPHENE
(73) FGV Cambridge Nanosystems Limited
(72) PENNINGTON, Dale Andrew
CLAYTON, Aaron Robert
JUDA, Katarzyna Luiza
PAUKNER, Catharina
KURZEPA, Lukasz
ST. JOHN COOPER, Robert Henry
KOZIOL, Krzysztof Kazimierz
JOAUG, Jerome Yi-Zhe
(74) ir. F.A. Geurts c.s.
(31) 201410639
(32) 13.06.2014
(33) United Kingdom
(47) 02.05.2018

(51) H05K 1/02
(11) EP2929482
(21) EP13802611.7
(22) 06.12.2013
(54) A SECURITY MODULE FOR PROTECTING CIRCUIT COMPONENTS FROM UNAUTHORIZED ACCESS
(73) CRYPTERA A/S
(72) ENEVOLDSEN, Mathias, Tannebaek
WEST, Thomas, Trabolt
MIKKELSEN, Dennis, Bruun
RASMUSSEN, Jan
WESSELHOFF, Erling
(74) dr. A. Krebs
(31) 201200774
(32) 07.12.2012
(33) Denmark
(47) 02.05.2018

(51) H05K 7/20
F24F 11/00
F24F 13/22
(11) EP2032907
(21) EP06774031.6
(22) 27.06.2006
(54) WARM COOLING FOR ELECTRONICS
(73) Google LLC
(72) CARLSON, Andrew
WHITTED, William
CLIDARAS, Jimmy
HAMBURGEN, William
AIGNER, Gerald
BEATY, Donald L.
(74) ir. H.J.G. Lips c.s.
(31) 810668 P
(32) 01.06.2006
(33) United States of America
(47) 16.05.2018

EP4

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

(51) A61F 13/15
(11) EP1458317
(21) EP02784531.2
(22) 13.11.2002
(54) RATIO OF ABSORBENT AREA TO OUTER PERIPHERAL AREA FOR DISPOSABLE ABSORBENT ARTICLES
(73) KIMBERLY-CLARK WORLDWIDE, INC.
(72) DORSCHNER, Linda, M.
(31) 34846
(32) 28.12.2001
(33) United States of America
(47) 15.09.2010

(51) A61M 5/178
A61M 5/00
A61J 1/20
(11) EP1589926
(21) EP03816148.5
(22) 24.12.2003
(54) DEVICE AND METHOD FOR THE EXTEMPORANEOUS PREPARATION OF AN INDIVIDUAL QUANTITY OF STERILE FLUID
(73) Arcadophta
(72) REBOUL, Gérard
(31) 0301334
(32) 05.02.2003
(33) France
(47) 01.10.2008

(51) B23K 26/40
B23K 26/06
A61F 2/90
(11) EP2580020
(21) EP11726023.2
(22) 08.06.2011
(54) PROCESSING CONDITIONS FOR MANUFACTURING BIOABSORBABLE STENTS
(73) Abbott Cardiovascular Systems Inc.
(72) HARRINGTON, Joel
VAUGHAN, Ryan
JOW, Kevin
PIPPEY, William
CHEN, Yung-Ming
(31) 797950
(32) 10.06.2010
(33) United States of America
(47) 29.04.2015

(51) B60L 11/18
H02J 3/32
(11) EP2253059
(21) EP09719761.0
(22) 03.03.2009
(54) ELECTRICAL CHARGING AND/OR DISCHARGING DEVICE
(73) Alpiq InTec AG
(72) DUSTMANN, Cord-Heinrich
URSIN, Helfried
(31) 377082008
(32) 14.03.2008
(33) Switzerland
(47) 04.11.2015

(51) B62K 5/01
B62K 5/027
B62K 5/05
B62K 5/08
B62K 5/10
B60G 3/01
B62D 9/02
(11) EP2593352
(21) EP11751935.5
(22) 07.07.2011
(54) MOTORCYCLE
(73) PIAGGIO & C. S.p.A.
(72) BARTOLOZZI, Stefano
BERNARDI, Luca
PROFETI, Marco
ROSELLINI, Walter
(31) MI20101317
(32) 16.07.2010
(33) Italy
(47) 19.08.2015

(51) B65D 1/02
B29C 49/04
C03B 9/325
C03B 9/34
(11) EP2421761
(21) EP09736328.7
(22) 17.09.2009
(54) BOTTLE NECK WITH INTERNAL EMBOSSMENTS, METHOD OF MANUFACTURE AND USE
(73) Owens-Brockway Glass Container INC.
(72) LONSWAY, Michael, J.
BECKER, Bruce, A.
BAILEY, Vincent, J.
(31) 427169
(32) 21.04.2009
(33) United States of America
(47) 20.05.2015

(51) B65D 85/804
A47J 31/06
(11) EP2443048
(21) EP09796485.2
(22) 30.12.2009
(54) SYSTEM, METHOD AND CAPSULE FOR PREPARING A BEVERAGE
(73) Koninklijke Douwe Egberts B.V.
(72) WONG, Kon Euan Gerard
BRANDT, Guido
KOELING, Hendrik Cornelis
KAMERBEEK, Ralf
BIESHEUVEL, Arend Cornelis Jacobus
(31) 09162994
(32) 17.06.2009
(33) European Patent Office (EPO)
(47) 29.04.2015

(51) C07F 9/141
C07F 9/145
C07C 215/12
C08K 5/17
C08K 5/524
C08K 5/526
(11) EP2459575
(21) EP10742936.7
(22) 28.07.2010
(54) HYDROLYTICALLY STABLE PHOSPHITE COMPOSITIONS
(73) Addivant Switzerland GmbH
(72) HILL, Jonathan, S.
POWER, Maurice
(31) 804793
230654 P
(32) 28.07.2010
31.07.2009
(33) United States of America
United States of America
(47) 17.12.2014

(51) D04B 23/22
D04B 21/10
D04B 27/06
(11) EP2683863
(21) EP11790884.8
(22) 01.12.2011
(54) DEVICE FOR ELONGATING STITCHES, ELONGATING DEVICE FOR PRODUCING A NET WITH ELONGATED STITCHES, METHOD FOR PRODUCING A NET WITH ELONGATED STITCHES
(73) Karatzis S.A.
(72) KARATZIS, Antonios
(31) 20110100151
(32) 10.03.2011
(33) Greece
(47) 11.03.2015

(51) E03D 9/08
E03D 11/14
(11) EP2067901
(21) EP07405342.2
(22) 05.12.2007
(54) Device with a flushing device and a WC body, installation set for installation of such a device and method for installing the device
(73) Geberit International AG
(72) Gierer, Armin
Schibig, Erwin
Lienin, Reto
(47) 06.03.2013

(51) G07C 1/30
G07B 15/02
(11) EP2715676
(21) EP12724629.6
(22) 30.05.2012
(54) SYSTEM AND METHOD FOR MANAGING PARKING PASSES WHILE LIMITING THE PARKING PASS DEPENDING ON PARKING PASSES PREVIOUSLY PROVIDED TO A USER
(73) Parkeon

(72) SILVANT, Jérôme
PERREARD, David
(31) 1154743
(32) 31.05.2011
(33) France
(47) 01.07.2015

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) A61K 39/02
C12N 1/20
(11) EP1651260
(21) EP04778282.6
(22) 15.07.2004
(54) LAWSONIA INTRACELLULARIS OF EUROPEAN ORIGIN AND VACCINES, DIAGNOSTIC AGENTS AND METHODS OF USE THEREOF
(73) BOEHRINGER INGELHEIM VETMEDICA, Inc.
(72) ROOF, Michael, B
KROLL, Jeremy, J.
KNITTEL, Jeffrey, P.
(31) 490001 P
(32) 25.07.2003
(33) United States of America
(47) 09.09.2009

---

(51) C08K 5/57
C08L 27/04
C08L 27/06
C08F 14/06
C08K 3/08
F16L 9/133
(11) EP2615137
(21) EP12000194.6
(22) 13.01.2012
(54) Polyvinyl chloride compound, tube, gutter or container, use of a PVC compound and use of a tube, gutter or container
(73) Georg Fischer DEKA GmbH
(72) Schüssler, Stephan
Weiss, Achim
Wewior, Gerhard
Giersbach, Florian
(74) ir. W.J.J.M. Kempes
(47) 07.10.2015

---

(51) C14B 1/58
C14B 15/06
(11) EP1680520
(21) EP04762839.1
(22) 16.09.2004
(54) METHOD AND SYSTEM FOR DRYING OUT THE LEATHER SIDE OF A PELT STRETCHED OUT AND FIXED IN THIS POSITION ON A PELT BOARD
(73) Dansk Mink Papir A/S
(72) Hedegaard, Jens
(74) ir. J.M.G. Dohmen c.s.
(31) 200301339
(32) 16.09.2003
(33) Denmark
(47) 21.03.2012

SPC

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

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) 2005878
(51) E06B 7/02
(00) 20.07.2018
(00) 2012/26
27.06.2012
(00) Advice
(00) RENSON VENTILATION NV

(11) EP1968423
(51) A47L 15/42
A47L 15/46
(00) 38/17
20.09.2017

(11) EP2064323
(51) C12N 9/42
C12P 7/06
C12P 19/02
C12P 7/10
C12P 19/14
(00) 38/17
20.09.2017

(11) EP2132129
(51) B67B 3/26
B67C 3/00
(00) 38/17
20.09.2017

(11) EP2203053
(51) A01N 43/04
A61K 31/715
A61L 26/00
(00) 38/17
20.09.2017

(11) EP2216576
(51) C10M 145/14
C10M 147/02
C10N 30/12
C10N 40/00
C10M 101/02
C10M 125/12
C10M 125/18
C10M 125/26
C10M 129/70
C10N 10/04
C10N 10/08
C10N 10/10
C09D 5/08
C09D 7/12
C08K 5/098
E21B 17/08
F16L 58/18
F16L 15/00
C10M 169/04
C10M 125/10
(00) 38/17
20.09.2017

(11) EP2251140
(51) B24B 31/06
B24B 31/14
B24B 39/00
F01D 5/28
(00) 38/17
20.09.2017

(11) EP2338328
(51) A01H 1/00
A01H 5/00
A01H 5/10
C12N 5/04
C12N 15/82
C12P 7/64
C07C 57/00
(00) 38/17
20.09.2017

(11) EP2345831
(51) F16K 31/50
F16K 3/314
(00) 38/17
20.09.2017

(11) EP2349428
(51) A61M 16/06
A61M 16/08
(00) 38/17
20.09.2017

(11) EP2429947
(51) C01B 33/18
C01B 33/193
B60C 1/00
C08K 3/36
(00) 38/17
20.09.2017

(11) EP2437687
(51) A61F 2/24
(00) 38/17
20.09.2017

(11) EP2445406
(51) A61B 5/11
(00) 38/17
20.09.2017

(11) EP2564361
(51) G06K 19/077
B31F 1/07
(00) 38/17
20.09.2017

(11) EP2588513
(51) C08G 65/40
G01N 31/16
(00) 40/17
04.10.2017

(11) EP2659158
(51) F16D 65/12
(00) 38/17
20.09.2017

(11) EP2720659
(51) A61F 13/476
A61F 13/475
A61F 13/494
A61F 13/49
(00) 45/17
08.11.2017

(11) EP2743104
(51) B60G 17/052
B60T 17/04
F16K 27/00
B62D 61/12
(00) 02/18
03.01.2018

(11) EP2769830
(51) B29C 65/08
B29C 65/78
(00) 39/17
27.09.2017

(11) EP2776234
(51) B29C 70/48
B29C 70/54
(00) 38/17
20.09.2017

(11) EP2787924
(51) A61F 2/24
(00) 38/17
20.09.2017

(11) EP2805133
(51) G01C 19/66
G02B 6/28
G02B 6/125
G01C 19/72
(00) 47/17
22.11.2017

(11) EP2811160
(51) F03D 80/80
F03D 13/25
F03D 9/25
(00) 38/17
20.09.2017

(11) EP2836580
(51) C11D 3/00
C11D 3/22
C11D 11/00
(00) 43/17
25.10.2017

(11) EP2837985
(51) G05D 1/02
(00) 38/17
20.09.2017

(11) EP2846408
(51) H01R 4/48
H01R 12/57
H01R 12/53
(00) 17/16
28.04.2016

(11) EP2864732
(51) F41H 7/04
B60F 3/00
(00) 38/17
20.09.2017

(11) EP2870613
(51) H01F 7/08

F16D 59/02
H01F 7/16
H01F 3/10
(00) 38/17
20.09.2017

(11) EP2873902
(51) F16L 59/065
F16L 59/04
C03B 37/075
D04H 1/4218
F16L 59/02
(00) 39/17
27.09.2017

(11) EP2882469
(51) A61M 1/00
(00) 38/17
20.09.2017

(11) EP2946089
(51) F02C 7/045
B64D 29/06
F02C 7/057
F02K 3/062
B64D 33/02
(00) 38/17
20.09.2017

(11) EP2952145
(51) A61B 17/15
A61B 17/80
(00) 38/17
20.09.2017

(11) EP2953150
(51) H01H 33/00
H01H 9/54
(00) 38/17
20.09.2017

(11) EP2989226
(51) C23C 2/00
C23C 2/40
B05C 3/12
(00) 25/17
21.06.2017

(11) EP2998325
(51) C08F 2/32
A61F 13/49
A61F 13/53
C08F 8/00
C08F 20/06
(00) 38/17
20.09.2017

(11) EP3015633
(51) E05F 15/603
E05F 15/632
E05F 15/643
(00) 38/17
20.09.2017

(11) EP3083411
(51) B65B 11/52
B29C 65/78
B65B 31/02
B65B 47/10
(00) 42/17
18.10.2017

(11) EP3089849
(51) B24C 5/02
(00) 06/18
31.01.2018

(11) EP3105164
(51) B66C 23/44
(00) 40/17
04.10.2017

(11) EP3118230
(51) C08F 214/22
C08F 214/28
C08F 220/28
H01M 6/18
H01M 6/22
H01M 10/0565
(00) 37/17
13.09.2017

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

VB2

Rechten waarvoor een beslissing is genomen op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.
Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.

(11) EP1170121
(51) B41C 1/10
G03F 1/00
(00) 2003/08
01.08.2003

(11) EP1767375
(51) B41J 33/36
B41J 33/54
(00) 2008/11
03.11.2008

(11) EP1883617
(51) C07C 53/10
C07C 51/50
C07C 51/41
B01J 31/04
B01J 23/46
C01G 55/00

(11) EP1980029
(51) H04J 13/00
H04L 27/26
(00) 41/16
12.10.2016

(11) EP2007809
(51) C07K 16/28
C12P 21/00
A61K 39/395
A61P 35/00
A61P 37/00
C07K 16/00

(11) EP2137537
(51) A61K 31/225
A61K 31/137
A61K 31/194
A61K 31/197
A61K 31/277
A61K 31/436
A61K 31/4704
A61K 31/7076
A61K 38/21
A61K 45/06
G01N 33/50
(00) 2014/13
26.03.2014

(11) EP2215196
(51) A23L 33/115
C11C 1/02
A23G 9/32
A23D 9/00
(00) 25/17
21.06.2017

(11) EP2301476
(51) A61F 2/07
(00) 16/18
11.04.2018
(00) 19.07.2018
(00) Positive

(11) EP2366319
(51) A47L 9/14
B01D 46/52

(11) EP2526039
(51) B65H 19/12
B65H 26/00

(11) EP2575590
(51) A61B 1/00
(00) 43/16
28.10.2016

(11) EP2673206
(51) B65D 6/18
(00) 07/16
17.02.2016

(11) EP2797423
(51) A23D 7/00
A23D 7/02
A61K 8/06
(00) 09/17
01.03.2017

(11) EP2819526
(51) A23L 27/00
A23L 27/30
(00) 30/17
26.07.2017

(11) EP3138910
(51) C12N 15/10
C12N 15/63
C12N 9/22
(00) 07/18
07.02.2018

MED

Overige mededelingen.
Contains data concerning other communications.

(11) EP1458317
(51) A61F 13/15

---

(11) EP1589926
(51) A61M 5/178
A61M 5/00
A61J 1/20

---

(11) EP2067901
(51) E03D 9/08
E03D 11/14

---

(11) EP2134592
(00) 17.07.2018
(51) B62K 19/30
B62K 11/00
B62M 6/90
B62K 19/40
(00) For Invalidity declaration

---

(11) EP2253059
(51) B60L 11/18
H02J 3/32

---

(11) EP2421761
(51) B65D 1/02
B29C 49/04
C03B 9/325
C03B 9/34

---

(11) EP2443048
(51) B65D 85/804
A47J 31/06

---

(11) EP2459575
(51) C07F 9/141
C07F 9/145
C07C 215/12
C08K 5/17
C08K 5/524
C08K 5/526

---

(11) EP2580020
(51) B23K 26/40
B23K 26/06
A61F 2/90

---

(11) EP2593352
(51) B62K 5/01
B62K 5/027
B62K 5/05
B62K 5/08
B62K 5/10
B60G 3/01
B62D 9/02

---

(11) EP2683863
(51) D04B 23/22
D04B 21/10
D04B 27/06

---

(11) EP2715676
(51) G07C 1/30
G07B 15/02

VRV

Verval of nietigverklaring.
Contains data concerning lapse or annulment.

(11) 1009728
(00) 23.07.2018
(00) Patent Expired

(11) 1009731
(00) 23.07.2018
(00) Patent Expired

(11) 1009737
(00) 24.07.2018
(00) Patent Expired

(11) EP0893155
(00) 20.07.2018
(00) Patent Expired

(11) EP0893777
(00) 23.07.2018
(00) Patent Expired

(11) EP0893794
(00) 22.07.2018
(00) Patent Expired

(11) EP0894656
(00) 25.07.2018
(00) Patent Expired

(11) EP0895214
(00) 21.07.2018
(00) Patent Expired

(11) EP0896069
(00) 21.07.2018
(00) Patent Expired

(11) EP0898324
(00) 23.07.2018
(00) Patent Expired

(11) EP0898895
(00) 21.07.2018
(00) Patent Expired

(11) EP0902401
(00) 24.07.2018
(00) Patent Expired

(11) EP0903084
(00) 21.07.2018
(00) Patent Expired

(11) EP0926803
(00) 22.07.2018
(00) Patent Expired

(11) EP0974372
(00) 24.07.2018
(00) Patent Expired

(11) EP0974854
(00) 21.07.2018
(00) Patent Expired

(11) EP0975148
(00) 20.07.2018
(00) Patent Expired

(11) EP0976524
(00) 25.07.2018
(00) Patent Expired

(11) EP0986644
(00) 22.07.2018
(00) Patent Expired

(11) EP0994716
(00) 23.07.2018
(00) Patent Expired

(11) EP0996430
(00) 23.07.2018
(00) Patent Expired

(11) EP0996894
(00) 23.07.2018
(00) Patent Expired

(11) EP0998245
(00) 20.07.2018
(00) Patent Expired

(11) EP0998272
(00) 21.07.2018
(00) Patent Expired

(11) EP0998287
(00) 21.07.2018
(00) Patent Expired

(11) EP0998395
(00) 24.07.2018
(00) Patent Expired

(11) EP0998407
(00) 21.07.2018
(00) Patent Expired

(11) EP0998461
(00) 22.07.2018
(00) Patent Expired

(11) EP0998462
(00) 22.07.2018
(00) Patent Expired

(11) EP0998463
(00) 22.07.2018
(00) Patent Expired

(11) EP0998480
(00) 23.07.2018
(00) Patent Expired

(11) EP0998617
(00) 24.07.2018
(00) Patent Expired

(11) EP0998704
(00) 22.07.2018
(00) Patent Expired

(11) EP0998744
(00) 24.07.2018
(00) Patent Expired

(11) EP0998813
(00) 23.07.2018
(00) Patent Expired

(11) EP0999749
(00) 21.07.2018
(00) Patent Expired

(11) EP0999979
(00) 24.07.2018
(00) Patent Expired

(11) EP1000113
(00) 23.07.2018
(00) Patent Expired

(11) EP1000154
(00) 22.07.2018
(00) Patent Expired

(11) EP1000167
(00) 22.07.2018
(00) Patent Expired

(11) EP1001678
(00) 20.07.2018
(00) Patent Expired

(11) EP1001748
(00) 20.07.2018
(00) Patent Expired

(11) EP1001839
(00) 24.07.2018
(00) Patent Expired

(11) EP1001937
(00) 20.07.2018
(00) Patent Expired

(11) EP1002001
(00) 20.07.2018
(00) Patent Expired

(11) EP1002084
(00) 24.07.2018
(00) Patent Expired

(11) EP1002108
(00) 23.07.2018
(00) Patent Expired

(11) EP1002322
(00) 24.07.2018
(00) Patent Expired

(11) EP1003484
(00) 21.07.2018
(00) Patent Expired

(11) EP1003528
(00) 21.07.2018
(00) Patent Expired

(11) EP1003764
(00) 23.07.2018
(00) Patent Expired

(11) EP1012154
(00) 24.07.2018
(00) Patent Expired

(11) EP1018066
(00) 23.07.2018
(00) Patent Expired

(11) EP1023121
(00) 24.07.2018
(00) Patent Expired

(11) EP1026749
(00) 23.07.2018
(00) Patent Expired

(11) EP1027124
(00) 21.07.2018
(00) Patent Expired

(11) EP1030785
(00) 20.07.2018
(00) Patent Expired

(11) EP1036466
(00) 21.07.2018
(00) Patent Expired

(11) EP1229133
(00) 24.07.2018
(00) Patent Expired

(11) EP1243590
(00) 23.07.2018

(00) Patent Expired

(11) EP1243593
(00) 23.07.2018
(00) Patent Expired

(11) EP1256584
(00) 23.07.2018
(00) Patent Expired

(11) EP1256585
(00) 23.07.2018
(00) Patent Expired

(11) EP1302242
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1314845
(00) 24.07.2018
(00) Patent Expired

(11) EP1316663
(00) 24.07.2018
(00) Patent Expired

(11) EP1316664
(00) 24.07.2018
(00) Patent Expired

(11) EP1347936
(00) 08.05.2018
(00) European Patent got Revoked

(11) EP1419435
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1422218
(00) 11.10.2017
(00) European Patent got Revoked

(11) EP1450554
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1463965
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1494192
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1506499
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1527521
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1542627
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1551444
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1554817
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1555484
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1560468
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1579710
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1595189
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP1610705
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1614470
(00) 11.06.2018
(00) European Patent got Revoked

(11) EP1617820
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1624021
(00) 23.07.2018
(00) Patent Expired

(11) EP1645015
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1673140
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1678960
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1681517
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1689901
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1692613
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1712977
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1713079
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1714336
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1716500
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1722321
(00) 21.07.2018
(00) Patent Expired

(11) EP1736145
(00) 24.07.2018
(00) Patent Expired

(11) EP1736167
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1745608
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1745757
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1750384
(00) 23.07.2018
(00) Patent Expired

(11) EP1765689
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1770667
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP1781307
(00) 08.02.2018
(00) European Patent got Revoked

(11) EP1781455
(00) 14.03.2018
(00) European Patent got Revoked

(11) EP1781713
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1783675
(00) 21.07.2018
(00) Patent Expired

(11) EP1784267
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1785927
(00) 21.07.2018
(00) Patent Expired

(11) EP1801328
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1804621
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1805507
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1820262
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1821510
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1830790
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1832054
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1834053
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1836427
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1836836
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1838369
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1838370
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1847032
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1847896
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1866622
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1874048
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP1876159
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1876654
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1878044
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1878212
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1881606
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1882781
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1882782
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1884217
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1887356
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1894120
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1896687
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1899859
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1901936
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1908219
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1911321
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1920427
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1922200
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1925198
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1926419
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1927762
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1936524
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1941632
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP1947333
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1951768
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1958685
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1960938
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1964063
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1969892
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1978877
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1979850
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1980034
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1984791
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1985693
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1991864
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1992077
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP1997703
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2005404
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2006694
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2010065
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2013113
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2013617
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2015374
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2021197
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2021452
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2021751
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2024588
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2024932
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2027303
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2028358
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2033341
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2043822
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2053189
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2063961
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2069263
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2071799
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2073108
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2074521
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2081741
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2083871
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2084354
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2086806
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2087459
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2087594
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2089777
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2091398
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2093657
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2100153
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2100959
(00) 24.07.2018
(00) Patent Expired

(11) EP2102835
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2102920
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2103018
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2104206
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2108132
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2110767
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2110959
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2115305
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2119221
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2119931
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2120703
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2121165
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2122079
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2129808
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2135127
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2136174
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2136580
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2137561
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2138199
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2145136
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2146690
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2149400
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2149417
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2149535
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2154363
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2155398
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2162021
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2162964
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2163457
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2165119
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2165128
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2169048
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2172852
(00) 23.07.2018
(00) Patent Expired

(11) EP2173585
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2175863
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2176097
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2181539
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2182365
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2183932
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2188693
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2190116
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2193101
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2193414
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2193757
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2194809
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2195588
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2197007
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2198583
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2200359
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2200652
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2201854
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2206036
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2211887
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2212532
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2214257
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2216216
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2217793
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2218093
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2220810
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2221551
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2221794
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2224673
(00) 23.07.2018
(00) Patent Expired

(11) EP2225900
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2232888
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2234074
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2235415
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2239627
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2239635
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2245541
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2247241
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2247747
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2248216
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2250836
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2251539
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2251656
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2254678
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2259521
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2264593
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2266850
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2267164
(00) 24.07.2018
(00) Patent Expired

(11) EP2267165
(00) 24.07.2018
(00) Patent Expired

(11) EP2268251
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2268778
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2270285
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2272697
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2273732
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2273966
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2275729
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2280500
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2280586
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2281379
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2282191
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2282551
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2283077
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2284381
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2284587
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2286992
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2287432
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2288086
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2290895
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2291131
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2292980
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2294163
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2294876
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2297526
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2300091
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2300666
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2301291
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2301312
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2302502
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2304139
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2304450
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2304616
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2304638
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2307873
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2307878
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2308106
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2308405
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2310547
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2312660
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2313952
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2314103
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2317846
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2318641
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2319211
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2319219
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2319542
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2320554
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2321584
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2321679
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2322354
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2324057
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2324953
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2325440
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2325607
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2326277
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2326596
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2326953
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2327598
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2328528
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2329150
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2329589
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2329661
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2329692
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2330959
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2333437
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2334049
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2334207
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2334390
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2334728
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2336901
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2340772
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2342222
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2342723
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2344393
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2345505
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2348436
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2349194
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2349469
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2349918
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2351538
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2351873
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2352465
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2354691
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2355582
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2355742
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2362197
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2364865
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2365861
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2365970
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2369282
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2369822
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2373118
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2373702
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2374488
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2375493
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2376784
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2377606
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2378457
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2378776
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2380298
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2380606
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2380712
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2382453
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2383319
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2383586
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2385218
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2386234
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2386606
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2386734
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2386821
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2387327
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2387831
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2388384
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2391538
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2394662
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2395322
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2396896
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2397958
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2399339
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2400628
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2401529
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2401909
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2402227
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2402681
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2402970
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2403269
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2405016
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2405570
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2407357
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2408396
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2409716
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2410707
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2411216
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2414191
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2416180
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2417656
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2417739
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2418737
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2418836
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2421293
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2421690
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2422183
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2424079
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2425184
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2426484
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2427072
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2427297
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2429215
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2429419
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2431003
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2431395
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2432110
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2432571
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2433735
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2434025
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2434774
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2434775
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2434869
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2436064
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2436316
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2437771
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2438781
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2439875
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2439899
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2440967
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2441801
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2442066
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2442897
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2442974
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2443878
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2445204
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2445212
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2445555
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2446211
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2447019
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2447532
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2447611
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2448191
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2449736
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2452527
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2452750
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2454341
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2454906
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2456098
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2456241
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2458829
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2459917
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2460837
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2461378
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2462738
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2463045
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2463477
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2464163
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2464908
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2467760
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2469060
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2469573
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2469689
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2474391
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2474571
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2474743
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2475488
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2476364
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2477407
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2477835
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2478298
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2479014
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2479114
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2480833
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2480924
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2480985
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2480986
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2481615
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2482559
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2482984
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2483074
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2483610
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2485226
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2485286
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2487353
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2489490
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2491132
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2491253
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2491593
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2492090
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2492299
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2492785
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2493446
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2493890
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2495105
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2495515
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2496536
(00) 04.04.2018
(00) EPV Ceased Effect

(11) EP2496668
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2497207
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2497228
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2501604
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2502575
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2502671
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2505141
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2505932
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2506235
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2506518
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2507456
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2508916
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2509204
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2510611
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2510903
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2513707
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2514387
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2515472
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2516205
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2516398
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2516562
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2518849
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2518857
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2518986
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2519344
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2519368
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2519416
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2519793
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2519810
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2521645
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2523142
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2523510
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2524029
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2524223
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2524359
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2524428
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2524956
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2525331
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2525463
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2525680
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2527683
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2530427
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2533036
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2537234
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2538498
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2538545
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2539445
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2542627
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2542932
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2547186
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2547427
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2547712
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2549329
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2549743
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2550428
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2551487
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2552058
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2554576
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2554607
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2554985
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2555800
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2557451
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2557494
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2557834
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2557932
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2559135
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2559148
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2559313
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2559840
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2559890
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2559971
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2560238
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2560356
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2563176
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2563394
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2564022
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2564449
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2564766
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2567215
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2568145
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2568147
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2568717
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2569819
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2570803
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2570835
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2571161
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2571423
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2572099
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2572546
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2575105
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2575833
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2575840
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2576587
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2577067
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2578328
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2579541
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2579925
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2580798
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2580985
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2581644
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2582149
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2582941
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2583973
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2584085
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2584934
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2585643
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2585670
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2585760
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2585975
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2586865
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2587578
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2588066
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2588838
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2589136
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2589872
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2590058
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2591392
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2591633
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2591648
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2591709
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2592126
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2592386
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2594058
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2595181
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2595213
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2595776
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2596778
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2598434
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2598780
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2601007
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2601155
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2601268
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2602088
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2603019
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2604270
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2604852
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2605032
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2605589
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2605677
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2608547
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2609127
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2609226
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2609683
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2611277
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2611992
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2612877
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2613148
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2613172
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2613997
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2615658
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2615753
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2617378
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2617507
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2617692
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2617803
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2618415
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2619549
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2620276
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2620410
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2623038
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2623292
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2623300
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2624372
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2624539
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2624883
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2625782
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2625938
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2626372
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2626456
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2626546
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2626649
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2628163
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2628289
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2628690
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2630239
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2630849
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2633121
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2633333
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2635699
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2635703
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2635768
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2636381
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2636626
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2637283
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2638332
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2639003
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2639559
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2639931
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2640088
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2640347
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2641056
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2641360
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2642973
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2643124
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2643956
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2644001
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2644222
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2644894
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2645035
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2645056
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2648074
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2648690
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2651288
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2651762
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2652187
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2652490
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2653385
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2654118
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2654818
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2654924
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2656694
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2656902
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2657251
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2658954
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2659454
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2659872
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2659955
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2660076
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2660952
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2661036
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2661063
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2661617
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2662434
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2662463
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2662746
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2662874
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2663209
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2664368
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2664674
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2664869
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2665149
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2665243
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2666637
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2667592
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2668699
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2668825
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2669050
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2669979
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2670575
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2670760
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2672145
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2672627
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2672655
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2672772
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2674123
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2675540
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2676804
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2677803
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2678968
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2679593
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2679833
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2680027
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2680120
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2680540
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2681900
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2682329
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2682688
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2682758
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2684595
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2685171
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2685172
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2687118
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2688257
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2688333
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2688337
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2689483
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2689670
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2690628
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2690674
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2692062
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2692086
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2692304
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2692894
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2693206
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2693991
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2696081
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2696305
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2696513
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2696682
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2697494
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2697910
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2698228
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2698682
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2700630
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2701752
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2702637
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2702844
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2703210
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2703542
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2704131
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2704919
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2705159
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2706113
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2706633
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2706690
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2707577
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2707615
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2708018
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2708614
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2708752
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2709141
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2709425
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2711065
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2711534
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2712108
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2712118
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2713990
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2714110
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2714270
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2714280
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2714853
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2714903
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2714924
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2715183
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2715819
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2716088
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2716474
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2717431
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2718650
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2719572
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2719800
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2720716
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2721132
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2721687
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2721734
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2722226
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2722659
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2722718
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2722767
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2724510
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2725415
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2726237
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2726327
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2726766
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2726830
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2729396
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2729552
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2729857
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2731201
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2731295
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2731917
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2732480
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2733603
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2733975
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2734135
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2734425
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2734980
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2736608
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2737526
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2737917
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2738951
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2739849
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2740185
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2741577
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2741945
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2741996
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2742562
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2742673
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2742794
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2744057
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2745347
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2745350
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2745796
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2745802
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2746080
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2746184
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2747332
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2749646
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2750588
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2750657
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2751141
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2751210
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2751433
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2751529
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2751626
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2751820
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2752102
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2752266
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2753720
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2754272
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2754912
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2756966
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2757406
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2757623
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2758223
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2758795
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2759013
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2759385
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2759546
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2759583
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2759697
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2760272
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2760459
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2760817
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2760952
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2761252
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2761610
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2761884
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2762282
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2762527
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2763149
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2763189
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2764055
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2764359
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2765849
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2765899
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2766237
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2766676
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2766802
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2766969
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2767508
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2767850
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2768447
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2768554
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2770318
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2771464
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2771741
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2771926
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2772426
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2772627
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2773253
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2774205
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2774257
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2775514
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2775892
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2776100
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2776493
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2776576
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2779454
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2779502
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2779503
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2779873
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2780401
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2780816
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2780847
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2782105
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2784333
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2784824
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2785113
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2785606
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2785797
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2786539
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2787043
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2787291
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2787559
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2787611
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2787632
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2788073
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2788212
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2788561
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2789256
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2789592
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2789755
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2789938
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2790470
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2790574
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2790778
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2790860
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2791665
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2792012
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2792145
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2792887
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2793239
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2793305
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2794113
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2794127
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2795301
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2795463
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2795531
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2795848
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2796630
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2796800
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2796979
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2799473
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2799653
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2800097
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2800406
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2802337
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2803585
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2804096
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2804260
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2804495
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2804511
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2804872
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2806325
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2806992
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2807019
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2807844
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2808210
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2808990
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2808998
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2809033
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2809255
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2810557
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2810704
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2810832
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2811029
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2813019
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2813041
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2813136
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2813179
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2813788
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2814682
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2815557
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2816284
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2816858
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2817310
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2818389
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2818524
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2820647
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2821270
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2822054
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2823178
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2823792
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2823975
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2824667
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2826512
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2827202
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2827309
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2827583
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2828816
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2829779
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2830360
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2832197
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2832919
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2833365
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2833603
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2835301
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2837140
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2837240
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2837662
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2837701
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2838136
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2838303
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2838580
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2838733
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2839096
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2841275
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2841558
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2842005
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2842115
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2842163
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2842340
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2842537
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2842842
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2843074
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2843075
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2843653
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2843934
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2844382
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2844706
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2844790
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2844937
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2845240
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2846095
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2846433
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2846576
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2846932
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2846938
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2846951
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2847270
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2847315
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2847624
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2847881
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2848601
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2848875
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2849808
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2849828
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2849830
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2849948
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2850362
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2851134
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2851303
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2851555
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2851566
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2852727
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2853002
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2854701
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2854908
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2855421
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2855797
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2855929
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2856468
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2856888
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2857686
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2857965
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2858237
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2859598
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2859960
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2860463
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2860598
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2860666
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2860925
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2861328
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2861724
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2861859
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2861906
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2861941
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2862497
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2862900
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2863018
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2864026
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2864536
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2864741
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2865779
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2866030
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2866383
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2866530
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2867526
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2867938
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2868297
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2869662
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2870319
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2870528
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2871243
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2871494
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2871751
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2871760
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2871874
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2874088
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2874152
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2874536
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2874909
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2875615
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2876496
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2877195
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2877432
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2878615
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2878865
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2879248
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2879271
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2879682
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2879854
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2880303
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2880794
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2881312
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2881344
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2881394
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2881509
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2881529
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2882886
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2883013
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2883060
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2883370
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2883937
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2884174
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2884256
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2884956
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2885422
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2886064
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2886295
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2886518
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2886713
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2887610
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2889311
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2889964
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2890030
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2890563
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2890875
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2891474
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2892268
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2892350
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2892863
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2892899
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2892964
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2893434
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2893804
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2894277
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2894691
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2896613
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2897060
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2897338
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2897405
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2897634
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2898230
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2899668
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2899931
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2900391
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2901057
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2901161
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2901674
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2901982
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2902114
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2902266
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2902450
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2902914
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2903315
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2903444
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2903465
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2903593
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2904625
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2904975
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2905166
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2905384
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2906632
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2906865
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2906950
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2907173
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2907329
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2907383
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2907472
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2907855
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2908246
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2908587
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2909869
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2910733
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2910915
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2911232
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2911421
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2912276
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2912763
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2913030
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2913941
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2914068
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2914387
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2915990
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2916428
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2916471
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2916741
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2916786
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2917621
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2917972
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2919183
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2919748
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2921161
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2921638
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2922703
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2923416
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2923582
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2925677
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2926140
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2926853
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2927010
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2927214
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2928058
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2928121
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2928330
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2928518
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2928892
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2929159
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2929791
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2930501
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2931573
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2931712
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2931875
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2932273
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2932615
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2933104
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2933376
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2933913
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2933961
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2934203
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2934348
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2934403
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2934707
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2935381
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2935517
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2935592
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2935628
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2935789
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2936003
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2936602
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2936887
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2937345
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2937765
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2937854
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2938449
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2938530
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2938962
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2939901
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2939980
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2939996
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2940147
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2940452
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2940686
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2940757
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2940771
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2941732
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2941819
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2942014
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2942161
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2943029
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2943732
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2944147
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2944310
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2945212
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2945309
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2945314
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2945424
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2945817
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2946552
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2946653
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2946662
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2946915
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2946995
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2947003
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2947102
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2947113
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2947387
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2947710
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2948364
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2948385
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2949425
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2949520
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2949844
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2950272
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2950703
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2951026
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2951303
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2951380
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2951901
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2952277
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2952721
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2952747
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2953151
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2953239
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2953298
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2953340
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2954304
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2954314
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2954811
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2955355
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2955782
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2956217
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2956747
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2957228
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2957314
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2957737
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2957835
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2958864
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2959081
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2959731
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2959854
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2960034
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2960999
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2961124
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2961751
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2962845
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2964559
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2965908
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2966871
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2968043
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2971208
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2971967
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2974608
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2974776
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2974919
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2974951
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2977611
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2977982
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2978009
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2978820
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2980382
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2980388
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2980490
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2980503
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2980575
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2981600
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2982428
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2982473
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2982553
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2983078
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2984354
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2984772
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2986664
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2986683
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2986749
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2987216
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2987812
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2988373
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2989119
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2989201
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2989873
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2990077
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2990096
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2990232
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2990791
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2990869
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2991493
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2991868
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2992203
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2992398
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2992649
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993282
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993345
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993427
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993553
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993584
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993699
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2993805
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2994309
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2994562
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2994638
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2995122
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2995138
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP2995162
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2995263
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2995264
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2996210
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2997056
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2997289
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2998069
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2998665
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2999184
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2999353
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP2999631
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3001199
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3001540
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3001617
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3001621
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3001741
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3002007
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3002091
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3002194
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3002237
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3002389
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3002976
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3003073
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3003085
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3003589
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3004547
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3004795
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3004882
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006440
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006484
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006662
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006842
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006848
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006928
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3006930
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3007912
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3007961
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3008133
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3008419
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3008470
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009014
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009187
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009622
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009623
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3009650
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009707
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009759
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3009913
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3010203
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3010291
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3010732
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3011108
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3011639
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3011943
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3012360
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3012387
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3012445
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3012998
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3013031
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3013583
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3013709
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3015214
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3015574
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3015674
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3016212
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3016247
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3016279
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3016329
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3016371
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3017012
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3017031
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3017219
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3017988
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3017997
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3018016
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3018431
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3018592
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3018743
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3018753
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3019961
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020042
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020161
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020434
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020738
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020786
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020843
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3020976
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3021279
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3021441
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3021493
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3021857
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3022674
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3023693
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3024011
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3024675
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3024703
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3024823
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3024891
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3025125
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3025385
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3025736
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3025874
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3025957
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3026854
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3026989
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3027373
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3027634
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3027667
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3028040
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3028336
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3028699
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3029296
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3029325
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3029844
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3030026
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3030066
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031186
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031233
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031351
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031382
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031793
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031843
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3031912
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3032177
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3032236
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3033469
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3033580
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3034119
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3034269
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3034356
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3034725
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3034817
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3035089
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3035187
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3035447
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3035646
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3035718
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3036681
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3037213
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3037249
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3037281
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3037302
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3038244
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3038372
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3038456
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3038652
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3039256
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3039326
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3039681
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3040003
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3040230
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3040449
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3040594
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3040671
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3041738
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3042296
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3042736
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3042768
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3042888
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3043517
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3043573
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3044238
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3044312
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3044399
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3045081
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3045124
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3046197
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3047456
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3047854
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3048022
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3048234
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3048385
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3048689
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3049232
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3049487
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3049995
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3050435
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3051137
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3051579
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3052198
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3052957
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3052959
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3053540
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3054536
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3054810
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3055080
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3055562
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3055638
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3056444
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3056698
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3056772
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3057015
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3057557
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3058606
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3059111
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3059148
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3059570
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3059909
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3060002
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3060588
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3061562
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3061574
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3061624
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3061675
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3061994
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3062594
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3062861
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3062869
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3064160
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3064182
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3064362
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3064838
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3065231
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3065476
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3065483
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3065666
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3066672
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3067497
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3068050
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3068519
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3068572
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3068649
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3070711
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3071077
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3072177
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3072227
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3072666
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3072751
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3072840
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3072959
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3074277
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3074298
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3075687
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3075747
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3076093
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3076612
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3076628
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3077250
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3077287
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3077325
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3077358
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3077645
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3077739
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3078086
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3078575
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3078890
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3079298
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3079313
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3079355
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3079422
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3079637
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3081510
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3081524
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3081715
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3082178
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3082726
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3083007
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3083133
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3083259
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3083622
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3083855
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3083911
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3084170
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3084334
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3085455
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3085666
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3086473
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3086526
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3086995
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3086998
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3087308
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3087329
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3087859
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3087965
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3088099
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3088148
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3088168
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3088694
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3089004
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3089191
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3089258
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3090923
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3091700
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3091714
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3091759
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3091785
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3091794
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3092988
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093244
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093309
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093356
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093376
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093487
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093525
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093536
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093540
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093561
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3093886
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094028
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094058
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094208
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094258
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094368
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094642
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094942
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3094986
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3095354
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3095523
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3095759
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3095766
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3096418
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3096980
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3097001
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3097554
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3097762
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3097898
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3098067
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3098337
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3098545
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3098572
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3098907
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3098998
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3099156
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3099525
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3099528
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3099628
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3099642
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3099882
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3100012
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3100612
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3100655
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3100792
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3101372
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3101475
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3101799
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3102511
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3102516
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3102720
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3102740
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3102857
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3103147
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3103202
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3103416
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3103913
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3104516
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3104532
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3104742
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3105278
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3105497
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3106027
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3106069
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3106375
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3106525
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3107437
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3108635
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3109169
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3109266
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3109544
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3109910
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3109949
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3110457
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3110544
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3110798
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3110809
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3110874
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3111612
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3111873
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3111887
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3111919
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3111940
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3112448
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3112657
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3113025
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3113441
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3113906
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3114263
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3115334
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3116081
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3118484
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3118525
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3118708
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3119030
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3119232
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3119255
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3120281
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3120781
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3121138
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3121773
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3121846
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3122175
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3122563
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3122644
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3123044
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3124124
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3124410
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3124719
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3125350
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3125720
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3126150
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3126318
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3126400
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3126552
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3126875
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3127724
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3127840
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3127842
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3127936
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3128141
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3128828
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3129535
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3130019
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3130421
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3130488
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3130510
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3131095
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3131105
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3131421
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3131786
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3131792
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3132127
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3132312
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3133101
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3133393
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3133765
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3134015
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3134620
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3134875
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135016
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135255
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135256
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135383
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135430
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135581
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3135597
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3136091
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3136398
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3136835
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3136931
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3137380
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3137742
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3137781
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3138267
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3138343
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3138713
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3138945
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3139014
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3139097
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3139390
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3139995
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3140134
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3140167
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3140730
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3141487
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3141568
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3141593
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3142547
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3142609
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3142995
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3143066
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3143273
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3143790
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3145608
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3145979
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3146017
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3146531
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3146673
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3147084
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3147212
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3147587
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3148150
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3148392
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3148437
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3149370
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3149426
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3149536
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3149753
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3149795
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3150340
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3150450
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3150853
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3150968
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3151012
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3151374
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3151718
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3151799
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3152343
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3152990
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3153017
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3153186
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3153558
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3153987
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3154082
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3154359
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3154661
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3154973
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3155228
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3155909
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3156088
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3157034
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3157901
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3157966
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3158047
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3158148
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3158213
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3159934
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3160801
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3161392
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3162706
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3162841
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3162970
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3163118
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3163170
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3164307
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3164700
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3165133
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3165616
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3166326
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3166327
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3166800
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3167205
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3168367
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3169449
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3169500
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3170543
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3170652
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3170774
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3171112
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3172076
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3172829
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3173518
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3173627
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3175134
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3175184
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3175525
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3176516
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3176904
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3177764
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3178692
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3180114
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3181032
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3182432
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3183680
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3184092
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3187604
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3188399
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3189287
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3190398
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3191396
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3193415
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3195619
(00) 21.03.2018

(00) EPV Ceased Effect

(11) EP3196356
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3196986
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3197553
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3198686
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3203552
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3204350
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3205516
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3206989
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3207232
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3208111
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3212918
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3227037
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3237198
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3238805
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3240380
(00) 21.03.2018
(00) EPV Ceased Effect

(11) EP3246247
(00) 21.03.2018
(00) EPV Ceased Effect

VRB

Verbeteringen op eerdere publicaties.
Contains data concerning corrections.

CO

Ingeschreven overdrachten.
Contains data concerning registered assignments or change of owners.

(71) Qiagen GmbH
(73) Qiagen GmbH
(11) EP1294945
(00) 22.05.2018
(51) C12Q 1/68
(00) Assignment

(71) Vermeer FI B.V.
(73) Vermeer Manufacturing Company
(11) 2015255
(00) 22.05.2018
(51) A01D 34/66
A01D 75/18
A01D 75/20
A01D 34/82
(00) Merge
(00) Splitsing

(71) QUALCOMM Incorporated
(73) QUALCOMM Incorporated
(11) EP1708467
(00) 24.05.2018
(51) H04M 1/725
(00) Assignment

(71) Vermeer FI B.V.
(73) Vermeer Manufacturing Company
(11) 2015256
(00) 22.05.2018
(51) A01D 89/00
A01D 80/02
(00) Merge
(00) Splitsing

(71) Aquametro Oil & Marine AG
(73) Aquametro Oil & Marine AG
(11) EP2559479
(00) 24.05.2018
(51) B01F 5/06
C02F 1/34
(00) Change of owner(s) name

(71) Vermeer Manufacturing Company
(73) Vermeer Manufacturing Company
(11) 2015257
(00) 22.05.2018
(51) A01D 90/04
A01F 15/10
(00) Assignment

(71) TDC Technology Dedicated to Care S.r.l.
(73) TDC Technology Dedicated to Care S.r.l.
(11) EP2323625
(00) 17.07.2018
(51) A61P 17/00
A61K 9/127
A61K 9/00
A61K 38/40
(00) Assignment

(71) SAT (SURFACE ALUMINIUM TECHNOLOGIES) S.R.L. IN FORMA ABBREVIATA "SAT S.R.L."
(73) SAT (SURFACE ALUMINIUM TECHNOLOGIES) S.R.L. IN FORMA ABBREVIATA "SAT S.R.L."
(11) EP2529042
(00) 24.05.2018
(51) C25D 11/00
C25D 17/06
C25D 11/04
(00) Change of Legal Entity

(71) Bayer HealthCare, LLC
(73) Bayer HealthCare, LLC
(11) 300242
(00) 13.07.2018
(00) Assignment

(71) Lumileds LLC
Shin-Etsu Chemical Co., Ltd.
(73) Shin-Etsu Chemical Co., Ltd.
Lumileds Holding B.V.
(11) EP2058377
(00) 22.05.2018
(51) C08L 83/04
H01L 33/56
(00) Change of owner(s) name

(71) Vermeer Manufacturing Company
(73) Vermeer Manufacturing Company
(11) 2015255
(00) 22.05.2018
(51) A01D 34/66
A01D 75/18
A01D 75/20
A01D 34/82
(00) Assignment

(71) Lumileds Holding B.V.
Philips Deutschland GmbH
(73) Philips Deutschland GmbH
Lumileds Holding B.V.
(11) EP2748658
(00) 22.05.2018
(51) G02B 6/00
F21V 8/00
B60Q 1/30
B62J 6/04
(00) Assignment

(71) Vermeer Manufacturing Company
(73) Vermeer Manufacturing Company
(11) 2015256
(00) 22.05.2018
(51) A01D 89/00
A01D 80/02
(00) Assignment

(71) Lumileds Holding B.V.
Shin-Etsu Chemical Co., Ltd.
(73) Shin-Etsu Chemical Co., Ltd.
Lumileds Holding B.V.
(11) EP2058377
(00) 22.05.2018
(51) C08L 83/04
H01L 33/56
(00) Assignment

(71) Vermeer FI B.V.
(73) Vermeer Manufacturing Company
(11) 2015257
(00) 22.05.2018
(51) A01D 90/04
A01F 15/10
(00) Merge
(00) Splitsing

(71) Alplast Closures International s.r.l.
(73) Alplast Closures International s.r.l.
(11) EP2242696
(00) 23.05.2018
(51) B65D 41/62
(00) Assignment

(71) Salzman Group Ltd.
(73) Salzman Group Ltd.
(11) EP2964218
(00) 23.05.2018
(51) C07D 207/46
C07D 211/94
C07D 223/04
A61K 31/40
A61K 31/445
A61K 31/55
A61P 13/12
A61P 29/00
A61P 11/00
(00) Assignment

(71) VEGENAT HEALTHCARE, S.L.
(73) VEGENAT HEALTHCARE, S.L.
(11) EP2294932
(00) 15.05.2018
(51) A23L 1/29
A61K 31/718
A61P 3/08
A61P 3/02
(00) Assignment

(71) Climatex AG
(73) Climatex AG
(11) EP1127969
(00) 15.05.2018
(51) D03D 15/00
D04B 1/14
(00) Change of owner(s) name

(71) ALPLAST S.R.L.
(73) Alplast Closures International s.r.l.
(11) EP2242696
(00) 23.05.2018
(51) B65D 41/62
(00) Change of Legal Entity

(71) Fyta Vermögensverwaltung GmbH
(73) Fyta Vermögensverwaltung GmbH
(11) 2006621
(00) 25.05.2018
(51) A61K 31/352
A61K 31/192
A61P 9/10
A61P 3/10
A61P 43/00
A61P 25/00
A61K 36/185
(00) Assignment

(71) Tata Steel Limited
(73) Tata Steel Limited
(11) EP1797204
(00) 25.05.2018
(51) C21C 5/46

F27B 3/18
F27D 3/18
F27D 1/12
F27B 3/22
F27B 3/20
C21C 5/56
(00) Assignment

(71) CoreQuest Sagl
(73) CoreQuest Sagl
(11) EP1858504
(00) 24.05.2018
(51) A61K 31/195
A61K 31/35
A61P 13/00
A61M 1/28
(00) Assignment

(71) Tata Steel Limited
(73) Tata Steel Limited
(11) EP1098997
(00) 25.05.2018
(51) C21B 11/00
C21B 13/00
C22B 5/00
(00) Assignment

(71) Fyta Vermögensverwaltung GmbH
(73) Fyta Vermögensverwaltung GmbH
(11) EP1893191
(00) 25.05.2018
(51) A61K 31/192
A61K 36/185
A61P 17/06
A61P 19/02
A61P 25/00
A61P 29/00
A61P 37/00
(00) Assignment

(71) BWM Dübel + Montagetechnik GmbH
(73) BWM Dübel + Montagetechnik GmbH
(11) EP2365157
(00) 23.05.2018
(51) E04F 13/08
(00) Assignment

(71) Tata Steel Limited
(73) Tata Steel Limited
(11) EP2788514
(00) 25.05.2018
(51) C21B 5/00
C21B 7/00
C21B 11/00
C21B 13/00
C21C 5/00
C22B 5/00
F27B 1/00
F27B 5/00
F27B 7/20
F27B 9/30
F27B 14/08
F27D 3/00
F27D 13/00
(00) Assignment

(71) Qosmos Tech
(73) Qosmos Tech
(11) EP1722508
(00) 28.05.2018
(51) H04L 12/26
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP1502479
(00) 29.05.2018
(51) H05B 41/295
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP1573489
(00) 29.05.2018
(51) G06F 1/16
(00) Assignment

(71) GeneForm Technologies Limited
(73) GeneForm Technologies Limited
(11) EP2660336
(00) 28.05.2018
(51) C12Q 1/68
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2112861
(00) 29.05.2018
(51) H05B 6/06
H05B 6/12
(00) Assignment

(71) Qosmos Tech
(73) Qosmos Tech
(11) EP1722509
(00) 28.05.2018
(51) H04L 12/26
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2374197
(00) 29.05.2018
(51) H02J 7/00
H02J 7/02
H01F 38/14
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP1590867
(00) 29.05.2018
(51) H02J 5/00
(00) Assignment

(71) GeneForm Technologies Limited
(73) GeneForm Technologies Limited
(11) EP2304054
(00) 28.05.2018
(51) C12Q 1/68
(00) Assignment

(71) Etex Building Performance GmbH
Holzbau Schmid GmbH & Co. KG
(73) Etex Building Performance GmbH
Holzbau Schmid GmbH & Co. KG
(11) EP1564361
(00) 29.05.2018
(51) E06B 3/66
E04B 2/72
E06B 3/64
(00) Change of owner(s) name

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2275896
(00) 29.05.2018
(51) G06F 1/16
G06F 1/26
H02J 7/02
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2079286
(00) 29.05.2018
(51) H05B 41/24
H05B 39/00
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2079093
(00) 29.05.2018
(51) H05B 41/24
H05B 39/00
H01J 5/52
H01J 61/56
(00) Assignment

(71) Salzman Group, Inc.
(73) Salzman Group Ltd.
(11) EP2964218
(00) 23.05.2018
(51) C07D 207/46
C07D 211/94
C07D 223/04
A61K 31/40
A61K 31/445
A61K 31/55
A61P 13/12
A61P 29/00
A61P 11/00
(00) Change of owner(s) name

(71) Tata Steel Limited
(73) Tata Steel Limited
(11) EP2038434
(00) 25.05.2018
(51) C21C 5/46
C21B 13/10
C21B 7/10
C21C 5/42
F27B 3/16
F27B 3/24
F27D 1/12
F27B 1/24
F27D 9/00
(00) Assignment

(71) Climatex AG
(73) Climatex AG
(11) EP2532775
(00) 15.05.2018
(51) D03D 15/06
(00) Change of owner(s) name

(71) Fyta Vermögensverwaltung GmbH
(73) Fyta Vermögensverwaltung GmbH
(11) 2009671
(00) 25.05.2018
(51) A61K 45/06
A61K 31/05
A61K 31/192
A61K 31/352
A61K 31/353
A61K 36/185
A61P 31/12
A61P 31/22
(00) Assignment

(71) Professional Dietetics International S.r.l. in forma abbreviata P.D. INT. S.R.L.

(73) Professional Dietetics International S.r.l. in forma abbreviata P.D. INT. S.R.L.
(11) EP2504001
(00) 29.05.2018
(51) A61K 31/198
A61K 31/728
A61P 1/02
A61K 45/06
A61K 31/401
(00) Assignment

(71) Cascades Canada ULC
(73) Cascades Canada ULC
(11) EP2464574
(00) 28.05.2018
(51) B65D 25/16
B29C 53/06
B65D 81/38
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2457298
(00) 29.05.2018
(51) H02J 7/02
H02J 50/40
H02J 50/12
(00) Assignment

(71) Philips IP Ventures B.V.
(73) Philips IP Ventures B.V.
(11) EP2005796
(00) 29.05.2018
(51) H05B 6/06
H05B 6/12
(00) Assignment

(71) OKI Data Corporation
(73) OKI Data Corporation
(11) EP2933107
(00) 31.05.2018
(51) B41J 2/01
B41J 29/377
(00) Merge

(71) P.R.S. GeoTech Technologies Ltd.
(73) P.R.S. GeoTech Technologies Ltd.
(11) EP3095920
(00) 31.05.2018
(51) E02D 3/00
E01C 11/16
E01C 3/00
(00) Assignment

(71) Pharosbiomed Co., Ltd.
(73) Pharosbiomed Co., Ltd.
(11) EP2578590
(00) 30.05.2018
(51) C07D 495/04
C07D 495/02
A61K 31/519
A61K 31/4743
A61K 9/70
A61K 9/06
A61P 29/00
(00) Assignment

(71) Unilever BCS Europe B.V.
(73) Unilever BCS Europe B.V.
(11) EP2866583
(00) 29.05.2018
(51) A23D 7/005
A23L 11/00
A23L 29/212
A23L 29/238
(00) Assignment

(71) Universiteit Antwerpen
Stichting Nederlandse Wetenschappelijk Onderzoek Instituten
(73) Universiteit Antwerpen
Stichting Nederlandse Wetenschappelijk Onderzoek Instituten
(11) EP2774123
(00) 05.06.2018
(51) G06T 11/00
A61B 6/00
(00) Merge

(71) C.G. Verschoor Beheer B.V.
(73) C.G. Verschoor Beheer B.V.
(11) 2014644
(00) 31.05.2018
(51) B30B 9/30
B65F 1/14
B30B 1/00
(00) Assignment

(71) Unilever BCS Europe B.V.
(73) Unilever BCS Europe B.V.
(11) EP1280411
(00) 29.05.2018
(51) A23D 9/00
(00) Assignment

(71) FrieslandCampina Nederland B.V.
(73) Riedel Brands B.V.
(11) 1023665
(00) 31.05.2018
(51) A23L 2/08
A23L 2/02
(00) Change of owner(s) name

(71) Unilever BCS Europe B.V.
(73) Unilever BCS Europe B.V.
(11) EP2688423
(00) 29.05.2018
(51) A23L 1/19
A23L 1/035
A23L 1/39
A23L 1/0522
A23L 1/0526
A23L 1/0532
(00) Assignment

(71) Riedel Brands B.V.
(73) Riedel Brands B.V.
(11) 1023665
(00) 31.05.2018
(51) A23L 2/08
A23L 2/02
(00) Assignment

TVH

Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.