
Rijksdienst voor Ondernemend
Nederland
Nederland
De industriële eigendom

Inleiding

Hoofdblad

Het Hoofdblad de Industriële Eigendom verschijnt iedere donderdag op de website van het Octrooicentrum Nederland.

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ING 0705001296
IBAN: NL41INGB070500129
BIC: INGBNL2A

Introduction

Patent Bulletin

The Patent Bulletin appears every Thursday on the Netherlands Patent Office website.

Visiting address: **Netherlands Patent Office**
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IBAN: NL41INGB070500129
BIC: INGBNL2A

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Overzicht van Inid codes

INID CODES

"INID" codes worden gebruikt op het voorblad van octrooigeschriften en in octrooibulletins. INID is een acronym van Internationally agreed Numbers for the Identification of Data. De definities van INID codes worden gegeven in WIPO standaard ST. 9 (situatie van juni 2023) en staan hieronder weergegeven.

(11) Octrooinummer
(13) Soort document volgens WIPO standaard ST.16
(15) Informatie over correctie van het octrooi
(21) Octrooiaanvraagnummer
(22) Datum (datums) van indiening van de aanvra(a)g(en)
(23) Overige datums
(25) Taal waarin de gepubliceerde aanvraag oorspronkelijk werd ingediend
(26) Taal waarin de aanvraag is gepubliceerd
(30) Voorrangsgegevens
(31) Nummer(s) toegekend aan de voorrangsaanvra(a)g(en)
(32) Datum (datums) van indiening van de voorrangsaanvra(a)g(en)
(33) WIPO Standard ST.3 code die het land van herkomst identificeert dat het nummer van de voorrangsaanvraag toekent; voor internationale octrooiaanvragen die onder de PCT worden ingediend, wordt de code "WO" gebruikt.
(34) Voor indieningen van voorrangsaanvragen onder de regionale of internationale regelingen, duidt de WIPO Standard ST.3 code ten minste één land aan dat is aangesloten bij het Unieverdrag van Parijs waarvoor de regionale of internationale aanvraag werd ingediend (het oorspronkelijke land van indiening).
(40) Datum (datums) van inschrijving van de aanvraag.
(41) Datum van inschrijving van een niet onderzochte en niet verleende octrooiaanvraag

(42) Datum van inschrijving van een onderzochte octrooiaanvraag.

INID CODES

“INID” Codes are used on the front pages of patent documents and in official gazettes.“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 June 2023) and are listed below.

(11) Patent number
(13) Kind-of-document code according to WIPO standard ST.16
(15) Patent correction information
(21) Application number
(22) Date(s) of filing the application(s)

(23) Other date(s)
(25) Language in which the published application was originally filed
(26) Language in which the application is published
(30) Priority Data
(31) Number(s) assigned to priority application(s)

(32) Date(s) of filling of priority application(s)

(33) WIPO Standard ST.3 code identifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
(34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.

(40) Date(s) of making available to the public.

(41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
(42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.

(43) Datum waarop de octrooiaanvraag is gepubliceerd.

(44) Datum van publicatie van een onderzochte octrooiaanvraag die nog niet verleend is.

(45) Datum waarop het octrooigeschrift is uitgegeven.

(47) Datum van verlening van het octrooi.

(48) Datum waarop een correctie van een octrooi is uitgegeven.

(51) Internationale Octrooiclassificatie

(54) Korte aanduiding

(62) Nummer en indien mogelijk, de indieningsdatum van de eerdere (octrooi) aanvraag waarvan de voorliggende (octrooi) aanvraag is afgesplitst.

(68) Nummer van het basisoctrooi behorende bij het ABC.

(71) Na(a)m(en) van de aanvrager(s)

(72) Na(a)m(en) van de uitvinder(s) indien ze als zodanig bekend zijn

(73) Na(a)m(en) van de octrooihouder(s)

(74) Na(a)m(en) van de gemachtigde(n)

(75) Na(a)m(en) van uitvinder(s) die tevens aanvrager(s) zijn

(81) Aangewezen landen volgens de PCT

(83) Informatie over depots van micro-organismen

(84) Aangewezen landen bij regionale octrooien

(92) Nummer en datum van de eerste nationale vergunning voor een ABC voor een geneesmiddel of gewasbeschermingsmiddel.

(93) Nummer en datum (en indien van toepassing land van oorsprong) van de eerste EU vergunning voor een ABC voor een geneesmiddel of gewasbeschermingsmiddel.

(94) Berekende expiratiedatum van het ABC.

(95) Het product beschermd door het basisoctrooi en waarvoor (de verlenging van) het ABC is aangevraagd of verleend.

(43) Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date.

(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) Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date.

(47) Date of making available to the public by viewing, or copying on request, a patent document on which grant has taken place on or before the said date.

(48) Date of issuance of a corrected patent document.

(51) International Patent Classification

(54) Title of the invention

(62) Number and, if possible, filling date of the earlier application from which the present document has been divided out.

(68) For an SPC, number of the basic patent and/or, where appropriate, the publication number of the patent document.

(71) Name(s) of the applicant(s)

(72) Name(s) of the inventor(s) if know to be such

(73) Name(s) of grantee(s), holder(s), assignee(s) or owner(s)

(74) Name(s) of the attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

(81) Designated States(s) according to the PCT

(83) Information concerning the deposit of microorganisms

(84) Designated Contracting States under regional patent conventions

(92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product or plant protection product.

(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 or plant protection product within a regional economic community.

(94) Calculated date of expiry of the SPC or the duration of the SPC.

(95) The product protected by the basic patent and in respect of which the SPC or the extension of the SPC has been applied for or granted.

Rubrieken/Headings

NP1

Nederlandse octrooiaanvragen die zijn ingeschreven ex Rijksoctrooiwet 1995. Netherlands patent applications which have been entered in the patent register ex NL Patent Law 1995.

(51) A01G 9/08
(21) 2033950
(22) 11.01.2023
(54) Plantpottenverplaatsinrichting
(71) Lommers Tuinbouwmachines bv
(74) ir. G.J.M. Verhees
(72) Antonius Godefridus Maria Cornelis Lommers
(41) 18.07.2024

(51) A01G 9/14
F28D 7/00
A01G 9/24
F16L 33/22
F16L 31/00
F16L 37/138
E04H 12/08
A01G 9/16
F16L 13/14
(21) 2033949
(22) 11.01.2023
(54) Cylindrical tubular element comprising a frusto-conically shaped press fit connection
(71) Metazet Formflex Holding B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Lucas Gerardus van Adrichem

(51) A61B 17/32
A61B 17/00
A61B 17/04
A61B 17/06
(21) 2036787
(22) 11.01.2024
(54) AUTOMATIC VAGINAL CUTTING AND SUTURING DEVICE
(71) SHANGHAI PUDONG NEW AREA PEOPLE'S HOSPITAL
(74) ir. F.A. Geurts c.s.
(72) Guanchen Song
Tingting Ma
Jiapeng Wu
Xintong Liu
Qianchao Meng
Mei Wang
Yuhua Wang
Honggang Xiang
(31) 202310071110.6
(32) 12.01.2023
(33) China

(51) B01D 53/14
C02F 1/20
B01D 53/62
C02F 1/26
C02F 1/28
B01D 53/18
B01D 19/00
C02F 103/08
B01D 61/36
B01D 53/78
(21) 2033954
(22) 12.01.2023
(54) METHOD AND SYSTEM FOR REMOVING CARBON DIOXIDE FROM AN AQUEOUS LIQUID
(71) Value Group B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Christiaan Leo Evert Nijst
Franciscus Johannes Maria Schrauwen
(41) 22.07.2024

(51) B28B 11/24
(21) 2037909
(22) 10.06.2024
(54) A DETACHABLE COMBINED EQUIPMENT FOR QUICK DRYING AND CURING OF BRICK WALL MASONRY
(71) China Building Materials Inspection and Certification Group Xiamen Hongye Co., LTD
(74) dr. J. van Straaten
(72) Hongke Qiu
Hu Zhao
Zaihong Li
Shengxuan Wang
Conglong Lai
(31) 202310908648.8
(32) 24.07.2023
(33) China

(51) B29C 33/30
H01L 21/683
G03F 7/00
H01L 21/687
(21) 2033947
(22) 11.01.2023
(54) Component for Manufacturing Micro- and/or Nanostructured Devices and Method of Manufacturing the Same
(71) SUSS MicroTec Solutions GmbH & Co.KG
(74) ir. J.C. Volmer c.s.
(72) Marco Sarcletti
Uwe Vogler
(41) 18.07.2024

(51) B41J 2/01
B41J 11/00
B41J 13/08
(21) 2033953
(22) 12.01.2023
(54) Printer with belt maintenance mode
(71) CANON KABUSHIKI KAISHA
(74) ir. M.J. Groen
(72) Erik P.J. Verhoeven
(41) 22.07.2024

(51) B64C 21/10
B64C 23/06
(21) 2033960
(22) 14.01.2023
(54) AIRCRAFT WING
(71) Technische Universiteit Delft
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Sven Hendrikus Johannes Westerbeek
Jordi Casacuberta Puig
Alberto Felipe Rius Vidales
Giulia Zoppini
Theodoros Michelis
Marios Kotsonis

(51) B65G 47/53
A01G 9/08
B65G 47/68
B65G 47/64
B65G 47/71
(21) 2036348
(22) 24.11.2023
(54) Verbeterde machine voor het verplaatsen van potten en gebruik van deze machine als verenkelaar of als overduwer
(71) DEGRAMEC BV
(74) M.A.T. Beck MSc LL.B
(72) Miguel de Graeve
(41) 18.07.2024
(31) 2023/5011
(32) 10.01.2023
(33) Belgium

(51) C23C 2/30
C25D 5/36
C25D 7/06
C23C 2/06
C23C 2/38
(21) 2037889
(22) 07.06.2024
(54) FLUXING GROOVE FOR GALVANIZING STEEL WIRE
(71) Tianjin Huayuan Times Metal Products Co., Ltd.
(74) drs. C.M.A. Quintelier
(72) Shumao Cheng
Lei Yan
Yongbo Wang
Guangzhi Cheng
Yanyu Li
(31) 202311423737.X
(32) 31.10.2023
(33) China

(51) D04H 1/16
D04H 1/22
B29C 64/147
B33Y 10/00
B33Y 30/00
B33Y 80/00
(21) 2033944
(22) 11.01.2023

(54) Een werkwijze voor het laag voor laag in een laagvolgorde vervaardigen van een niet-geweven materiaal of object door middel van geautomatiseerd naaldvilten
(71) Christien Meindertsma
(74) ir. A. Blokland c.s.
(72) Christien Meindertsma
(41) 18.07.2024

(51) E02F 3/90
E02F 3/92
E02F 7/06
(21) 2033929
(22) 10.01.2023
(54) Inrichting voor het middels een luchtstroom opzuigen van bulkmateriaal
(71) Hemos Machinebouw B.V.
(74) ir. B.J. 't Jong
(72) Foppe Johannes Mosterman
(41) 18.07.2024

(51) E21B 7/00
E02D 27/42
E21B 10/64
(21) 2033956
(22) 12.01.2023
(54) Drill assembly for excavating vertical annular cavities in the seafloor
(71) Itrec B.V.
(74) ir. J.C. Volmer c.s.
(72) Arthur Alexander de Mul
Eric Romeijn
Korneel Franciscus van der Meer
Pieter Dirk Melis van Duivendijk
(41) 22.07.2024

(51) F16K 5/04
F16K 5/02
F16K 5/06
F16K 11/076
F16K 11/083
F16K 11/085
F16K 11/087
(21) 2033931
(22) 10.01.2023
(54) Diverter valve
(71) DMN Machinefabriek Noordwykerhout B.V.
(74) mr. ir. J. van Breda c.s.
(72) Gerhardus Johannes Maria van Liempt
Maximiliaan Café
Claus Johannes Groner
Andreas Bauhofer
(41) 18.07.2024

(51) F16L 3/11
F16L 3/227
(21) 2033952
(22) 12.01.2023
(54) WERKWIJZE EN SYSTEEM VOOR HET AAN EEN DEK IN EEN RUIMTE OPHANGEN VAN BUIZEN
(71) Kropman Installatietechniek B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Kimball Cornelis Maria Zeeuwe
Marco Antonius Johannes Otters
(41) 22.07.2024

(51) F16L 43/00
B29C 65/48
F16L 47/02
(21) 2037780
(22) 26.05.2024
(54) A Pipe Fitting for Gas and Water Supply and A Preparation and Application Method Thereof
(71) Kangtai Plastic Science & Technology Group Co. Ltd.
(74) dr. A.V. Huygens
(72) Guangwei Chen
Hongbo Hao
Shuangquan Zhang
Yunqing Lin
(31) 202311385912.0
(32) 23.10.2023
(33) China

(51) G01L 1/12
(21) 2033938
(22) 10.01.2023
(54) PIPELINE STRESS DETECTION SYSTEM BASED ON COERCIVE FORCE
(71) Shenyang University of Technology
(74) ir. M.B. Plaggenborg
(72) Fuyin Zheng
Jia Zhang
Meng Shi
Lijian Yang
Pengfei Gao
Hao Geng
Chan Liu
He Wang
Yuming Su
(41) 18.07.2024

(51) G01S 13/931
G01S 7/02
G01S 7/288
G01S 13/34
G01S 13/88
G01S 7/40
(21) 2033948
(22) 11.01.2023
(54) A method of determining a road surface condition utilizing an automotive radar providing polarimetric data corresponding to electromagnetic, EM, waves transmitted, and received, by the automotive radar, as well as corresponding devices.
(71) Technische Universiteit Delft
(74) ir. A. Blokland c.s.
(72) Olexander Yarovyi
Wietse Bouwmeester
Francesco Fioranelli
(41) 18.07.2024

(51) G06N 10/40
(21) 2033936
(22) 10.01.2023
(54) Quantum logic gate for a trapped ion quantum computer
(71) Universiteit van Amsterdam
(74) ir. A.R. Aalbers
(72) Arghavan Safavi-Naini
Robertus Johannes Cornelis Spreeuw
Rene Gerritsma
Matteo Mazzanti
(41) 18.07.2024

(51) G06Q 30/0601
G06Q 10/02
G06Q 10/10
G06Q 30/0201
G06Q 30/0207
G06Q 30/0242
G06Q 30/0251
(21) 2033958
(22) 13.01.2023
(54) SaaS PLATFORM, MOBILE APPLICATION, AND INTERFACE FOR MANAGEMENT BETWEEN COORDINATOR, VENDORS, AND ATTENDEES
(71) ARTISTIC EATING INC.
(74) ir. A. Blokland c.s.
(72) Jamal Burt
(41) 22.07.2024
(31) 63/299,795
(32) 14.01.2022
(33) United States of America

(51) H01L 21/687
(21) 2033951
(22) 11.01.2023
(54) System for treating an individual wafer manufactured from semiconductor material, and methods
(71) Levitech B.V.
(74) ir. H.A. Witmans c.s.
(72) Jacobus Hubertus Maria Beijersbergen
Wilhelmus Gerardus van Velzen
Vladimir Ivanovich Kuznetsov
Simon Cornelis van der Linde
Martijn Gerben van der Wal
(41) 18.07.2024

(51) H01L 31/048
H01L 31/05
H01L 31/042
(21) 2034791
(22) 10.05.2023
(54) PHOTOVOLTAIC MODULE AND METHOD FOR MANUFACTURING PHOTOVOLTAIC MODULE
(71) JINKO SOLAR CO., LTD.
ZHEJIANG JINKO SOLAR CO., LTD.
(74) ir. J.D. de Zeeuw
(72) Guohui Hao
Liqin Liu
Zhiqiu Guo
Chi Zhang
Shiliang Huang
(31) 202310111863.5
202310116607.5
(32) 16.01.2023
16.01.2023
(33) China
China

(51) H01L 31/048
H01L 31/05
H01L 31/042
(21) 2034723
(22) 28.04.2023
(54) PHOTOVOLTAIC MODULE AND PREPARATION METHOD THEREOF
(71) ZHEJIANG JINKO SOLAR CO., LTD.
JINKO SOLAR CO., LTD.
(74) ir. J.D. de Zeeuw
(72) Guohui Hao
Zhiqiu Guo
Ningbo Zhang
Shiliang Huang

(31) 202310089709.2
202310089760.3
(32) 16.01.2023
16.01.2023
(33) China
China

(51) H02G 3/18
H02G 3/10
F24F 11/52
H02G 3/12
G05D 23/19
(21) 2033946
(22) 11.01.2023
(54) CONTROL DEVICE COMPRISING WALL-MOUNTABLE BASE MEMBER AND CONTROL UNIT
(71) Magnum Heating Group B.V.
Wuhu Jiahong New Material Co.,Ltd
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Alexander Johannes Frederika van Haaren
Chunan Xu
Chunhao She
(41) 18.07.2024

(51) H02K 49/10
H02K 7/18
F16D 67/06
(21) 2033957
(22) 13.01.2023
(54) ELECTROMAGNETIC ROTATION TRANSMISSION DEVICE AND WIND TURBINE WITH SUCH ELECTROMAGNETIC ROTATION TRANSMISSION DEVICE
(71) Wattrogen B.V.
(74) ir. F.A. Geurts c.s.
(72) Gholamreza Karbor
Aghabarari Hamid
(41) 22.07.2024

(51) H05H 1/24
H05G 2/00
(21) 2036440
(22) 06.12.2023
(54) EXTREME ULTRAVIOLET LIGHT GENERATION CHAMBER DEVICE AND ELECTRONIC DEVICE MANUFACTURING METHOD
(71) Gigaphoton Inc.
(74) ir. A. Blokland c.s.
(72) Atsushi Ueda
(31) 2023-005466
(32) 17.01.2023
(33) Japan

NP2

Ingeschreven en verleende Nederlandse octrooien ex Rijksoctrooiwet 1995.
Netherlands patents which have been entered in the patent register ex NL Patent Law 1995.

(51) A01G 9/08
(11) 2033950
(47) 18.07.2024
(22) 11.01.2023
(54) Plantpottenverplaatsinrichting
(73) Lommers Tuinbouwmachines bv
(72) Antonius Godefridus Maria Cornelis Lommers
(74) ir. G.J.M. Verhees

(51) A01G 9/14
F28D 7/00
A01G 9/24
F16L 33/22
F16L 31/00
F16L 37/138
E04H 12/08
A01G 9/16
F16L 13/14
(11) 2033949
(47) 18.07.2024
(22) 11.01.2023
(54) Cylindrical tubular element comprising a frusto-conically shaped press fit connection
(73) Metazet Formflex Holding B.V.
(72) Lucas Gerardus van Adrichem
(74) dr. ir. G.J.C. Verdijck c.s.

(51) A47G 25/90
A41D 13/05
A41D 13/08
(11) 2035087
(47) 22.07.2024
(22) 13.06.2023
(54) LIDING SLEEVE FOR APPLYING CLOTHING
(73) Master Care A/S
(72) Vidar Geitrheim
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 2022 00046
(32) 13.06.2022
(33) Denmark

(51) B01D 53/14
C02F 1/20
B01D 53/62
C02F 1/26
C02F 1/28
B01D 53/18
B01D 19/00
C02F 103/08
B01D 61/36
B01D 53/78
(11) 2033954
(47) 22.07.2024
(22) 12.01.2023
(54) METHOD AND SYSTEM FOR REMOVING CARBON DIOXIDE FROM AN AQUEOUS LIQUID
(73) Value Group B.V.
(72) Christiaan Leo Evert Nijst
Franciscus Johannes Maria Schrauwen
(74) dr. ir. G.J.C. Verdijck c.s.

(51) B29C 33/30
H01L 21/683
G03F 7/00
H01L 21/687
(11) 2033947
(47) 18.07.2024
(22) 11.01.2023
(54) Component for Manufacturing Micro- and/or Nanostructured Devices and Method of Manufacturing the Same
(73) SUSS MicroTec Solutions GmbH & Co.KG
(72) Marco Sarcletti
Uwe Vogler
(74) ir. J.C. Volmer c.s.

(51) B41J 2/01
B41J 11/00
B41J 13/08
(11) 2033953
(47) 22.07.2024
(22) 12.01.2023
(54) Printer with belt maintenance mode
(73) CANON KABUSHIKI KAISHA
(72) Erik P.J. Verhoeven
(74) ir. M.J. Groen

(51) B64C 21/10
B64C 23/06
(11) 2033960
(47) 22.07.2024
(22) 14.01.2023
(54) AIRCRAFT WING
(73) Technische Universiteit Delft
(72) Sven Hendrikus Johannes Westerbeek
Jordi Casacuberta Puig
Alberto Felipe Rius Vidales
Giulia Zoppini
Theodoros Michelis
Marios Kotsonis
(74) dr. ir. G.J.C. Verdijck c.s.

(51) B65D 90/04
B65D 88/12
(11) 2030321
(47) 22.07.2024
(22) 28.12.2021
(54) Inner covering for containers
(73) C&S PACKAGING SUPPLIER, S.L
(72) José María Moré Genesca
(74) dr. A. Ellens c.s.
(31) ES202131363
(32) 30.06.2021
(33) Spain

(51) B65G 47/53
A01G 9/08
B65G 47/68
B65G 47/64
B65G 47/71
(11) 2036348
(47) 18.07.2024
(22) 24.11.2023
(54) Verbeterde machine voor het verplaatsen van potten en gebruik van deze machine als verenkelaar of als overduwer
(73) DEGRAMEC BV
(72) Miguel de Graeve
(74) M.A.T. Beck MSc LL.B
(31) 2023/5011
(32) 10.01.2023
(33) Belgium

(51) D04H 1/16
D04H 1/22
B29C 64/147
B33Y 10/00
B33Y 30/00
B33Y 80/00
(11) 2033944
(47) 18.07.2024
(22) 11.01.2023
(54) Een werkwijze voor het laag voor laag in een laagvolgorde vervaardigen van een niet-geweven materiaal of object door middel van geautomatiseerd naaldvilten
(73) Christien Meindertsma
(72) Christien Meindertsma
(74) ir. A. Blokland c.s.

(51) E02F 3/90
E02F 3/92
E02F 7/06
(11) 2033929
(47) 18.07.2024
(22) 10.01.2023
(54) Inrichting voor het middels een luchtstroom opzuigen van bulkmateriaal
(73) Hemos Machinebouw B.V.
(72) Foppe Johannes Mosterman
(74) ir. B.J. 't Jong

(51) E05B 71/00
B62H 5/14
G01B 3/20
G01B 3/06
(11) 2031984
(47) 18.07.2024
(22) 25.05.2022
(54) Measurement apparatus for measuring the back end of a two-wheeler
(73) ABUS August Bremicker Söhne KG
(74) ir. J.C. Volmer c.s.
(31) 102021114428.0
(32) 04.06.2021
(33) Germany

(51) E21B 7/00
E02D 27/42
E21B 10/64
(11) 2033956
(47) 22.07.2024
(22) 12.01.2023
(54) Drill assembly for excavating vertical annular cavities in the seafloor
(73) Itrec B.V.
(72) Arthur Alexander de Mul
Eric Romeijn

Korneel Franciscus van der Meer
Pieter Dirk Melis van Duivendijk
(74) ir. J.C. Volmer c.s.

(51) F16K 5/04
F16K 5/02
F16K 5/06
F16K 11/076
F16K 11/083
F16K 11/085
F16K 11/087
(11) 2033931
(47) 18.07.2024
(22) 10.01.2023
(54) Diverter valve
(73) DMN Machinefabriek Noordwykerhout B.V.
(72) Gerhardus Johannes Maria van Liempt
Maximiliaan Café
Claus Johannes Groner
Andreas Bauhofer
(74) mr. ir. J. van Breda c.s.

(51) F16L 3/11
F16L 3/227
(11) 2033952
(47) 22.07.2024
(22) 12.01.2023
(54) WERKWIJZE EN SYSTEEM VOOR HET AAN EEN DEK IN EEN RUIMTE OPHANGEN VAN BUIZEN
(73) Kropman Installatietechniek B.V.
(72) Kimball Cornelis Maria Zeeuwe
Marco Antonius Johannes Otters
(74) dr. ir. G.J.C. Verdijck c.s.

(51) F17D 3/01
F17D 5/00
(11) 2030940
(47) 18.07.2024
(22) 15.02.2022
(54) EARLY WARNING METHOD WITH SEPARATION OF HYDRATE DEPOSITION STRUCTURE CONSIDERED FOR FLOW SAFETY OF SUBMARINE GAS PIPELINE
(73) Dalian University of Technology
(72) Pei Hu
Yongchen Song
Jie Sha
Jiarui Fan
Tianyu Chen
Jingjing Bi
Mengxin Li
Dayong Wang
(74) ir. W.J.J.M. Kempes
(31) 202110186299.4
(32) 17.02.2021
(33) China

(51) G01L 1/12
(11) 2033938
(47) 18.07.2024
(22) 10.01.2023
(54) PIPELINE STRESS DETECTION SYSTEM BASED ON COERCIVE FORCE
(73) Shenyang University of Technology
(72) Fuyin Zheng
Jia Zhang
Meng Shi
Lijian Yang
Pengfei Gao
Hao Geng
Chan Liu
He Wang
Yuming Su
(74) ir. M.B. Plaggenborg

(51) G01S 13/931
G01S 7/02
G01S 7/288
G01S 13/34
G01S 13/88
G01S 7/40
(11) 2033948
(47) 18.07.2024
(22) 11.01.2023
(54) A method of determining a road surface condition utilizing an automotive radar providing polarimetric data corresponding to electromagnetic, EM, waves transmitted, and received, by the automotive radar, as well as corresponding devices.
(73) Technische Universiteit Delft
(72) Olexander Yarovyi
Wietse Bouwmeester
Francesco Fioranelli
(74) ir. A. Blokland c.s.

(51) G06N 10/40
(11) 2033936
(47) 18.07.2024
(22) 10.01.2023
(54) Quantum logic gate for a trapped ion quantum computer
(73) Universiteit van Amsterdam
(72) Arghavan Safavi-Naini
Robertus Johannes Cornelis Spreeuw
Rene Gerritsma
Matteo Mazzanti
(74) ir. A.R. Aalbers

(51) G06Q 30/0601
G06Q 10/02
G06Q 10/10
G06Q 30/0201
G06Q 30/0207
G06Q 30/0242
G06Q 30/0251
(11) 2033958
(47) 22.07.2024
(22) 13.01.2023
(54) SaaS PLATFORM, MOBILE APPLICATION, AND INTERFACE FOR MANAGEMENT BETWEEN COORDINATOR, VENDORS, AND ATTENDEES
(73) ARTISTIC EATING INC.
(72) Jamal Burt
(74) ir. A. Blokland c.s.
(31) 63/299,795
(32) 14.01.2022
(33) United States of America

(51) H01L 21/687
(11) 2033951
(47) 18.07.2024
(22) 11.01.2023
(54) System for treating an individual wafer manufactured from semiconductor material, and methods
(73) Levitech B.V.
(72) Jacobus Hubertus Maria Beijersbergen
Wilhelmus Gerardus van Velzen
Vladimir Ivanovich Kuznetsov
Simon Cornelis van der Linde
Martijn Gerben van der Wal
(74) ir. H.A. Witmans c.s.

(51) H01R 13/46
H01R 24/76
H01R 13/447
(11) 2031572
(47) 22.07.2024
(22) 13.04.2022
(54) SAFETY DEVICE FOR PREVENTING ELECTRIC SHOCK OF PLUG
(73) Chongqing Vocational Institute of Engineering
(72) Xiayi Wu
Lan Peng
Xiao Fu
Sha Wang
Guting Zhou
Li Xiang
Yingting Tao
Shaohua Fu
Maoxia Wang
(74) ir. M.B. Plaggenborg
(31) 202110991084.X
(32) 26.08.2021
(33) China

(51) H02G 3/18
H02G 3/10
F24F 11/52
H02G 3/12
G05D 23/19
(11) 2033946
(47) 18.07.2024
(22) 11.01.2023
(54) CONTROL DEVICE COMPRISING WALL-MOUNTABLE BASE MEMBER AND CONTROL UNIT
(73) Magnum Heating Group B.V.
Wuhu Jiahong New Material Co.,Ltd
(72) Alexander Johannes Frederika van Haaren
Chunan Xu
Chunhao She
(74) dr. ir. G.J.C. Verdijck c.s.

(51) H02K 49/10
H02K 7/18
F16D 67/06
(11) 2033957
(47) 22.07.2024
(22) 13.01.2023
(54) ELECTROMAGNETIC ROTATION TRANSMISSION DEVICE AND WIND TURBINE WITH SUCH ELECTROMAGNETIC ROTATION TRANSMISSION DEVICE
(73) Wattrogen B.V.
(72) Gholamreza Karbor
Aghabarari Hamid
(74) ir. F.A. Geurts c.s.

(51) H02S 20/30
H02S 30/20
(11) 2034819
(47) 22.07.2024
(22) 12.05.2023

(54) A TELESCOPIC FOLDABLE SUPPORT FRAME
(73) Xiamen Kseng & Wintop Intelligent Manufacturing Co.,Ltd.
(72) Wenxuan Chen
Bin Yu
Shunhua Liu
(74) J.G. Laddé MSc
(31) 202222663816.5
(32) 08.10.2022
(33) China

NP3

Nederlandse octrooien na gedeeltelijke afstand ex artikel 63 van de Rijksoctrooiwet 1995.
Netherlands patents after partial limitation ex Article 63 of the NL Patent Law 1995.

EP1

Vertaalde conclusies van Europese octrooiaanvragen.
Translations of the claims of European patent applications.

(43) 05.06.2024
(11) EP4379562
(51) G06F 13/42
(71) Nintendo Co., Ltd.

(43) 12.06.2024
(11) EP4380908
(51) C04B 28/04
C04B 28/06
C04B 28/10
C04B 28/12
C04B 20/00
(71) Franken Maxit Mauermörtel GmbH & Co.

EP2

Voor Nederland verleende Europese octrooien.
European patents granted for the Netherlands.

EP3

Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend ex artikel 52 lid 1 van de Rijksoctrooiwet 1995.
European patents granted for the Netherlands in which a translation was filed ex Article 52 par. 1 of the NL Patent Law 1995.

(51) A01D 45/00
A01D 46/20
B61D 3/04
B61D 15/00
B66F 7/06
B66F 11/04
F16M 11/04
F16M 11/18
F16M 11/22
F16M 11/38
F16M 11/42
(11) EP4245119
(21) EP23159960.6
(22) 03.03.2023
(54) TUBE RAIL CART
(73) B&A Automation BVBA
(72) BOGAERTS, Joris
(31) 202205183
(32) 16.03.2022
(33) Belgium
(47) 05.06.2024

(51) A01G 7/02
A01G 9/24
(11) EP4208008
(21) EP21773318.7
(22) 02.09.2021
(54) SYSTEM AND METHOD FOR DETERMINING AN ENVIRONMENTAL PARAMETER DISTRIBUTION
(73) Signify Holding B.V.
(72) KRIJN, Marcellinus Petrus Carolus Michael
TUMOLO, Massimo
(31) 20194302
(32) 03.09.2020
(33) European Patent Office (EPO)
(47) 10.04.2024

(51) A01H 5/00
C12N 15/82
(11) EP2934096
(21) EP13819037.6
(22) 20.12.2013
(54) BRASSICA PLANTS RESISTANT TO CLUBROOT
(73) Rijk Zwaan Zaadteelt en Zaadhandel B.V.
(72) DETAVERNIER, Mathieu Pierre Bertrand
NOVOSELOV, Evgeny
VAN DEN NIEUWENHUIZEN, Adrianus Johannes Maria
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 12199140
(32) 21.12.2012
(33) European Patent Office (EPO)
(47) 27.03.2024

(51) A01J 5/013
G01N 33/04
G01N 35/00
G01N 1/18
G01N 21/84
(11) EP3855893
(21) EP19829327.6
(22) 19.09.2019
(54) MILKING SYSTEM WITH DETECTION SYSTEM
(73) Lely Patent N.V.
(72) DE GROOT, Pieter Gerlof
KNIP, Abram Christiaan
(74) ir. M.J.F.M. Corten
(31) 2021690
(32) 24.09.2018
(33) Netherlands
(47) 24.04.2024

(51) A01K 15/02
A01K 27/00
H10N 30/20
(11) EP3568006
(21) EP18738743.6
(22) 15.01.2018
(54) PIEZOELECTRIC DETECTION OF AN ACOUSTIC EVENT
(73) Radio Systems Corporation
(72) RICHARDSON, Matthew
TYNDALL, Patrick
GOETZL, Brent A.
(74) dr. R.C. van Duijvenbode c.s.
(31) 201762543683 P
201762504204 P
201762446682 P
(32) 10.08.2017
10.05.2017
16.01.2017
(33) United States of America
United States of America
United States of America
(47) 01.05.2024

(51) A01K 15/02
A63B 69/40
(11) EP3335550
(21) EP17200107.5
(22) 05.03.2013
(54) PET EXERCISE AND ENTERTAINMENT DEVICE
(73) iFetch, LLC
(72) HAMILL, Deborah Lynn
HAMILL, Dennis W.
HAMILL, Grant Patrick
HAMILL, Lucy Rejahl
HAMILL, Lee Elizabeth
HAMILL, Katie Marcella
(74) dr. R.C. van Duijvenbode c.s.
(31) 201313784377
201261606835 P
(32) 04.03.2013
05.03.2012
(33) United States of America
United States of America
(47) 01.05.2024

(51) A01K 67/02
A01K 67/027
C12N 15/85
C12N 15/877
C12N 15/90
(11) EP3331355
(21) EP16833514.9
(22) 22.07.2016
(54) PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)-RESISTANT PORCINE AND CELLS HAVING MODIFIED CD163 GENES
(73) The Curators of the University of Missouri
(72) WELLS, Kevin, D.
PRATHER, Randall, S.
WHITWORTH, Kristin, M.
(74) ir. W.J.J.M. Kempes
(31) 201562202145 P
(32) 06.08.2015
(33) United States of America
(47) 03.04.2024

(51) A01M 7/00
(11) EP3469905
(21) EP18199960.8
(22) 11.10.2018
(54) MULTI-JOINTED SPRAY BOOM
(73) Deere & Company
(72) Sullivan, Dennis J
(74) ir. A. Blokland c.s.
(31) 201816034855
201762570734 P
(32) 13.07.2018
11.10.2017
(33) United States of America
United States of America
(47) 17.04.2024

(51) A01M 7/00
(11) EP3912468
(21) EP21186103.4
(22) 21.08.2014
(54) METHOD FOR MOTION CONTROL, AND/OR REGULATION OF AN AGRICULTURAL DISTRIBUTION DEVICE
(73) HORSCH LEEB Application Systems GmbH
(72) Leeb, Theodor
Hirthammer, Otto
(74) dr. R.C. van Duijvenbode c.s.
(31) 102013222803
102013109086
(32) 09.11.2013
22.08.2013
(33) Germany
Germany
(47) 03.04.2024

(51) A01N 35/02
A01N 43/16

C02F 1/50
C02F 103/36
(11) EP4142492
(21) EP21724960.6
(22) 23.04.2021
(54) A COMPOSITION AND METHOD FOR THE REMOVAL OF BIOFILM
(73) MC (US) 3 LLC
(72) YIN, Bei
TRIVEDI, Rishi
(74) ir. W.J.J.M. Kempes
(31) 202063017415 P
(32) 29.04.2020
(33) United States of America
(47) 20.03.2024

(51) A22B 5/00
A22B 5/08
A22C 17/16
A22B 5/10
A22C 17/14
(11) EP4099830
(21) EP21702282.1
(22) 04.02.2021
(54) DEVICE AND METHOD FOR SEPARATING TISSUE FROM AN INTESTINE
(73) Van Hessen Holding B.V.
(72) DE WINTER, Thomas Jozef S.
DE WINTER, Frederik Marcel D.
SMITS, Jürgen Johannes Antonius Thomas
(74) ir. J.C. Volmer c.s.
(31) 2024837
(32) 05.02.2020
(33) Netherlands
(47) 03.04.2024

(51) A22C 11/10
B65B 51/22
(11) EP3590345
(21) EP18181157.1
(22) 02.07.2018
(54) CLOSURE MODULE AND METHOD FOR CLOSING AND/OR SEPARATING FILLED SAUSAGE CASINGS CONNECTED WITH A LINK
(73) Albert Handtmann Maschinenfabrik GmbH & Co. KG
(72) STROHM, Kurt
SCHLIESSER, Gerhard
MERK, Jochen
OSSWALD, Florian
WINGHART, Robert
BAECHTLE, Manfred
(74) dr. R.C. van Duijvenbode c.s.
(47) 15.05.2024

(51) A23G 1/20
A23G 7/02
(11) EP3797600
(21) EP20199132.0
(22) 30.09.2020
(54) METHOD FOR TEMPERING CONSUMABLES
(73) KNOBEL, Guido
(72) KNOBEL, Guido
(31) 102019134989
102019126354
(32) 18.12.2019
30.09.2019
(33) Germany
Germany
(47) 28.02.2024

(51) A23G 1/48
A23G 1/00
A23L 33/105
(11) EP3758500
(21) EP19760694.0
(22) 01.03.2019
(54) METHOD FOR PRODUCING A CHOCOLATE COMPOSITION, AND A CHOCOLATE COMPOSITION
(73) HELSINKI HEAVEN OY
(72) PAAKKUNAINEN, Selja
PELTOLA, Jukka
SIEKKINEN, Sampsa
PILVI, Taru
NUPPONEN, Sami
(74) J.M.H. Duyver lic.
(31) 20185202
(32) 02.03.2018
(33) Finland
(47) 17.04.2024

(51) A23G 3/20
A23G 3/26
A23G 7/02
(11) EP3585181
(21) EP18757260.7
(22) 22.02.2018
(54) SUGAR COATING PROCESS AND COATED PRODUCT PRODUCED THEREBY
(73) Mars, Incorporated
(72) ORR, Colin, E.
REID, Cameron, L.
COLLINS, Thomas, M.
BEN-YOSEPH, Eyal, M.
KASHULINES JR., Peter, Thomas
O'CONNOR, Devin, W.
(74) ir. W.J.J.M. Kempes
(31) 201762462314 P
(32) 22.02.2017
(33) United States of America
(47) 03.04.2024

(51) A23K 10/38
A21D 13/047
A21D 2/38
A23B 9/26
C12F 3/06
(11) EP3840586
(21) EP19758409.7
(22) 23.08.2019
(54) A PROCESS FOR MICROBIAL STABILIZATION AND PROCESSING OF BREWERS SPENT GRAIN
(73) Anheuser-Busch InBev S.A.
(72) ARENDT, Elke
MUENCH, Steffen
GIL-MARTINEZ, Jorge
(74) ir. H.A. Witmans c.s.
(31) 201805588
(32) 24.08.2018
(33) Belgium
(47) 20.03.2024

(51) A23L 2/52
A23L 27/00
C12C 5/02
C12G 3/04
A23L 2/56
A23L 27/20
C12G 3/06
A61K 31/56
A23L 33/11
(11) EP3422869
(21) EP17760593.8
(22) 28.02.2017
(54) NOVEL COMPOSITIONS FOR FLAVOR ENHANCEMENT
(73) International Flavors & Fragrances Inc.
(72) WU, Hou
MURANO, Kathryn
KIM, Jung-A.
WANSOR, Robert
JOHN, Thumpalasseril V.
(74) ir. W.J.J.M. Kempes
(31) 201662324385 P
201662302418 P
(32) 19.04.2016
02.03.2016
(33) United States of America
United States of America
(47) 13.03.2024

(51) A24D 1/20
A24D 3/04
(11) EP3873257
(21) EP19797611.1
(22) 25.10.2019
(54) SMOKING SUBSTITUTE CONSUMABLE
(73) Imperial Tobacco Limited
(72) ELMY, Mido
JEPSEN, Kim Christian
FERRIE, Kate
LORD, Christopher
BESSON, Peter
SHENTON, Edward Ross
(74) dr. R.C. van Duijvenbode c.s.
(31) 201817549
(32) 29.10.2018
(33) United Kingdom
(47) 10.04.2024

(51) A24D 1/20
A24D 3/04
(11) EP3873269
(21) EP19798546.8
(22) 25.10.2019
(54) SMOKING SUBSTITUTE CONSUMABLE
(73) Imperial Tobacco Limited
(72) MURRAY, Samantha
SHENTON, Edward Ross
FERRIE, Kate
LORD, Chris
(74) dr. R.C. van Duijvenbode c.s.
(31) 201817569
(32) 29.10.2018
(33) United Kingdom
(47) 10.04.2024

(51) A24D 1/20
A24D 3/04
(11) EP3873272
(21) EP19798195.4
(22) 25.10.2019
(54) SMOKING SUBSTITUTE CONSUMABLE
(73) Imperial Tobacco Limited

(72) FERRIE, Kate
SHENTON, Edward Ross
LORD, Chris
(74) dr. R.C. van Duijvenbode c.s.
(31) 201817565
(32) 29.10.2018
(33) United Kingdom
(47) 01.05.2024

(51) A24D 3/06
A24D 3/04
A24D 3/10
A24D 3/02
(11) EP3308659
(21) EP17196909.0
(22) 17.10.2017
(54) CARD FILTER FOR CIGARETTES, FILTER BLANK, CIGARETTES AND METHOD FOR PRODUCING A FILTER
(73) Republic Technologies (NA) LLC
(72) PARCEVAUX, Philippe
(74) ir. F.A. Geurts c.s.
(31) 1660020
(32) 17.10.2016
(33) France
(47) 13.03.2024

(51) A24F 40/42
A24F 40/10
A24F 40/44
A61L 9/03
(11) EP3912491
(21) EP21185424.5
(22) 01.12.2011
(54) AN AEROSOL GENERATING SYSTEM WITH LEAKAGE PREVENTION
(73) Philip Morris Products S.A.
(72) THORENS, Michel
DUBIEF, Flavien
COCHAND, Olivier Yves
FLICK, Jean-Marc
(74) dr. W.A.H.M. Van Borm
(31) 10252050
(32) 03.12.2010
(33) European Patent Office (EPO)
(47) 15.05.2024

(51) A43B 7/142
A43B 7/144
A43B 7/1425
A43B 7/1464
A43B 17/00
A43B 1/00
A43B 7/14
(11) EP3863458
(21) EP19795403.5
(22) 10.10.2019
(54) CUSTOMIZABLE ARCH SUPPORT SYSTEM
(73) Evelyn Ford, Inc.
(72) SCHICKLING, Evelyn
(74) ir. W.J.J.M. Kempes
(31) 201862744123 P
(32) 10.10.2018
(33) United States of America
(47) 27.03.2024

(51) A47J 31/44
(11) EP3813605
(21) EP19733722.3
(22) 24.06.2019
(54) A DRIP TRAY COVER AND A DRIP TRAY FOR USE IN A DRINKS MACHINE
(73) Versuni Holding B.V.
(72) RAMAN, Bhagyaraj
RIJSKAMP, Peter
(74) J.M.H. Duyver lic.
(31) 18180391
(32) 28.06.2018
(33) European Patent Office (EPO)
(47) 10.04.2024

(51) A47J 31/44
(11) EP3829403
(21) EP19742365.0
(22) 19.07.2019
(54) A BEVERAGE PREPARATION APPARATUS COMPRISING A FOAMING DEVICE AND METHOD THEREFOR
(73) Koninklijke Douwe Egberts B.V.
(72) DEES, Hendrik Johan
STANDAAR, Koen
(74) ir. H.A. Witmans c.s.
(31) 201812279
(32) 27.07.2018
(33) United Kingdom
(47) 13.03.2024

(51) A47J 37/06
(11) EP3426113
(21) EP17708285.6
(22) 07.03.2017
(54) AN AIR-FRYING COOKER AND A METHOD OF CLEANING AN AIR-FRYING COOKER
(73) Versuni Holding B.V.
(72) TE VELDE, Mart Kornelis-Jan
(74) J.M.H. Duyver lic.
(31) 16159310
(32) 09.03.2016
(33) European Patent Office (EPO)
(47) 10.04.2024

(51) A61B 1/00
A61B 1/018
A61B 17/02
A61B 17/34
A61B 1/31
A61B 1/32
A61B 17/08
A61B 17/128
A61B 17/122
A61B 17/29
A61B 17/221
(11) EP3669745
(21) EP20152314.9
(22) 17.06.2013
(54) MULTI-LUMEN-CATHETER RETRACTOR SYSTEM FOR A MINIMALLY-INVASIVE OPERATIVE GASTROINTESTINAL TREATMENT
(73) Boston Scientific Scimed Inc.
(72) TANG, Brian
KANTSEVOY, Sergey
PISKUN, Gregory
TO, John
FABRO, Mariel
(74) ir. A.R. Aalbers
(31) 201313913466
201213531477
(32) 09.06.2013
22.06.2012
(33) United States of America
United States of America
(47) 27.03.2024

(51) A61B 1/005
A61B 17/29
A61B 90/00
A61M 25/01
A61B 1/00
A61B 1/018
A61B 34/00
A61B 17/04
A61B 17/00
A61B 10/06
A61B 17/34
(11) EP3824795
(21) EP20214649.4
(22) 30.11.2007
(54) DIRECT DRIVE ENDOSCOPY SYSTEMS
(73) Boston Scientific Medical Device Limited
(72) SHAW, William J.
KRUEGER, Katie
KAPPEL, Gary S.
WEITZNER, Barry
SUON, Naroun
GEITZ, Kurt
INTOCCIA, Brian J.
SMITH, Paul J.
GOLDEN, John B.
(74) ir. A.R. Aalbers
(31) 94681807
94679907
94679007
94680707
94677907
946812
909219 P
872155 P
(32) 28.11.2007
28.11.2007
28.11.2007
28.11.2007
28.11.2007
28.11.2007
30.03.2007
01.12.2006
(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
(47) 03.04.2024

(51) A61B 3/117
A61B 3/13
A61F 9/008
(11) EP3638096
(21) EP18818673.8
(22) 18.06.2018
(54) SYSTEMS FOR OCT GUIDED GLAUCOMA SURGERY
(73) Berlin, Michael S.
(72) Berlin, Michael S.
(74) ir. W.J.J.M. Kempes

(31) 201762521310 P
(32) 16.06.2017
(33) United States of America
(47) 22.05.2024

(51) A61B 5/00
A61B 5/02
A61B 5/021
A61B 5/0215
A61B 5/028
A61B 5/029
A61M 60/00
(11) EP3600007
(21) EP18718256.3
(22) 21.03.2018
(54) SYSTEM FOR DETERMINING NATIVE CARDIAC OUTPUT WHILE CONTINUING SUPPORT TO THE HEART WITH A CATHETER-MOUNTED INTRACARDIAC BLOOD PUMP HAVING AN IMBEDDED THERMISTOR
(73) Icahn School of Medicine at Mount Sinai
Abiomed, Inc.
(72) HAJJAR, Roger J.
CURRAN, Jerald Wayne
ISHIKAWA, Kiyotake
(74) J.M.H. Duyver lic.
(31) 201762474278 P
(32) 21.03.2017
(33) United States of America
(47) 24.04.2024

(51) A61B 5/00
A61B 5/1455
A61B 5/1464
(11) EP3579741
(21) EP18703338.6
(22) 09.02.2018
(54) APPARATUS AND METHOD FOR MEASURING THE BLOOD OXYGEN SATURATION IN A SUBJECT'S TISSUE
(73) Carag AG
Universität Zürich
(72) STACHEL, Helene
SCHENK, Daniel
WOLF, Martin
(74) dr. R.C. van Duijvenbode c.s.
(31) 17000216
(32) 10.02.2017
(33) European Patent Office (EPO)
(47) 05.06.2024

(51) A61B 5/00
A61M 31/00
A61B 5/145
A61M 5/00
A61M 5/14
A61M 5/142
A61M 5/172
A61M 11/00
A61M 15/00
G16H 20/17
G16H 40/63
A61M 5/178
A61M 5/30
(11) EP4159114
(21) EP22208702.5
(22) 09.10.2007
(54) INTEGRATED INSULIN DELIVERY SYSTEM WITH CONTINUOUS GLUCOSE SENSOR
(73) DexCom, Inc.
(72) KAMATH, Apurv
MAHALINGAM, Aarthi
BRAUKER, James, H.
DOBBLES, Mike
(74) dr. W.A.H.M. Van Borm
(47) 10.04.2024

(51) A61B 5/00
G06Q 30/02
(11) EP3030141
(21) EP14834060.7
(22) 07.08.2014
(54) DEVICES, METHODS AND SYSTEMS FOR ASSESSMENT AND RECORDATION OF REACTIONS TO STIMULI
(73) Opertech Bio, Inc.
(72) PALMER, R. Kyle
LONG, Daniel J.
(74) J.M.H. Duyver lic.
(31) 201361863242 P
(32) 07.08.2013
(33) United States of America
(47) 08.05.2024

(51) A61B 5/145
G06F 21/62
(11) EP3389491
(21) EP16876213.6
(22) 06.10.2016
(54) DATA BACKFILLING FOR CONTINUOUS GLUCOSE MONITORING
(73) Dexcom, Inc.
(72) SHETH, Disha, B.
HAMPAPURAM, Hari
REIHMAN, Eli
KOHLER, Katherine, Yerre
MENSINGER, Michael, Robert
BOHM, Sebastian
SIMPSON, Peter, C.
BOWMAN, Leif, N.
BURNETTE, Douglas, William
MAYOU, Phil
COHEN, Eric
AMIDEI, Jim, Stephen
(74) dr. W.A.H.M. Van Borm
(31) 201562269480 P
(32) 18.12.2015
(33) United States of America
(47) 22.05.2024

(51) A61B 6/00
(11) EP3806742
(21) EP19730339.9
(22) 12.06.2019
(54) METHOD AND APPARATUS FOR QUANTITATIVE HEMODYNAMIC FLOW ANALYSIS
(73) Pie Medical Imaging BV
(72) KOEHN, Dennis
ABEN, Jean-Paul
BOUWMAN, Chris
(74) J.M.H. Duyver lic.
(31) 201862685651 P
(32) 15.06.2018
(33) United States of America
(47) 17.04.2024

(51) A61B 17/12
A61B 90/00
(11) EP3668419
(21) EP18766405.7
(22) 15.08.2018
(54) OCCLUSIVE MEDICAL DEVICE SYSTEM
(73) Boston Scientific Scimed, Inc.
(72) TASSONI, Nicholas Lee
LE, Khoi
(74) ir. A.R. Aalbers
(31) 201762545719 P
(32) 15.08.2017
(33) United States of America
(47) 03.04.2024

(51) A61B 17/128
A61B 17/122
(11) EP3937798
(21) EP20739820.7
(22) 23.06.2020
(54) SPRING LOADED MECHANISM FOR THE DEPLOYMENT OF A HEMOSTATIC CLIP
(73) Boston Scientific Scimed, Inc.
(72) STOCK, Henry
MURRAY, Collin
(74) ir. A.R. Aalbers
(31) 201962876864 P
(32) 22.07.2019
(33) United States of America
(47) 10.04.2024

(51) A61B 17/32
(11) EP3590447
(21) EP19187182.1
(22) 20.06.2013
(54) CONSOLIDATED ATHERECTOMY CATHETER
(73) Boston Scientific Medical Device Limited
(72) KOZAK, Debra M.
BONNETTE, Michael J.
THOR, Eric J.
(74) ir. A.R. Aalbers
(31) 201313794350
201261664975 P
(32) 11.03.2013
27.06.2012
(33) United States of America
United States of America
(47) 15.05.2024

(51) A61C 13/083
A61C 5/70
A61C 13/00
(11) EP3733114
(21) EP18893826.0
(22) 26.12.2018
(54) DENTAL MILL BLANK AND METHOD FOR PRODUCING SAME
(73) Kuraray Noritake Dental Inc.
(72) INOUE Masashi
HATANAKA Kenji
(74) ir. W.J.J.M. Kempes
(31) 2017250142
(32) 26.12.2017
(33) Japan
(47) 17.04.2024

(51) A61F 2/01
A61F 2/95
(11) EP3784168
(21) EP19730995.8
(22) 26.04.2019

(54) SYSTEMS FOR PROTECTING THE CEREBRAL VASCULATURE
(73) Boston Scientific Scimed, Inc.
(72) YUAN, Shih Hsiung Albert
PURCELL, Cameron Paul
HAMILL, Whittaker Ian
FIFER, Daniel Wayne
WATSON, James Richard
FIELDS, Antony J.
(74) ir. W.J.J.M. Kempes
(31) 201862663117 P
(32) 26.04.2018
(33) United States of America
(47) 20.03.2024

(51) A61F 2/04
A61F 2/90
(11) EP3755266
(21) EP19708747.1
(22) 19.02.2019
(54) DRAINAGE DEVICE
(73) Boston Scientific Scimed, Inc.
(72) FOLAN, Martyn G
CURRAN, Darren
MOYLAN, Shane
WALSH, Michael
(74) ir. A.R. Aalbers
(31) 201862632691 P
(32) 20.02.2018
(33) United States of America
(47) 03.04.2024

(51) A61F 2/16
(11) EP3552582
(21) EP19177717.6
(22) 02.03.2005
(54) CARTRIDGE FOR DELIVERING AN INTRAOCULAR LENS
(73) Johnson & Johnson Surgical Vision, Inc.
(72) COLE, Mark S.
PETERSON, Rod T.
OTT, Robert D.
(74) dr. R.C. van Duijvenbode c.s.
(31) 549899 P
(32) 02.03.2004
(33) United States of America
(47) 05.06.2024

(51) A61F 2/16
A61F 2/14
A61F 2/76
(11) EP2827804
(21) EP13764305.2
(22) 15.03.2013
(54) INTRAOCULAR LENS DELIVERY SYSTEMS
(73) Alcon Inc.
(72) MATTHEWS, Gregory, Vinton
(74) ir. W.J.J.M. Kempes
(31) 201261613929 P
(32) 21.03.2012
(33) United States of America
(47) 03.04.2024

(51) A61F 2/16
B29D 11/02
B32B 37/12
(11) EP3932367
(21) EP21179747.7
(22) 15.11.2016
(54) MULTI-PIECE ACCOMMODATING INTRAOCULAR LENS
(73) Shifamed Holdings, LLC
(72) SAUL, Tom
ARGENTO, Claudio, R
(74) ir. F.A. Geurts c.s.
(31) 201662362896 P
201662344691 P
201662334998 P
201662331946 P
201662331407 P
201662300695 P
201562257087 P
(32) 15.07.2016
02.06.2016
11.05.2016
04.05.2016
03.05.2016
26.02.2016
18.11.2015
(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
(47) 10.04.2024

(51) A61F 2/24
(11) EP3915521
(21) EP21160143.0
(22) 13.01.2010
(54) SELF-ASSEMBLING MODULAR PERCUTANEOUS VALVE
(73) VALVE MEDICAL LTD.
(72) WEISZ, Ety
RICHTER, Jacob
RICHTER, Yoram
(74) dr. R.C. van Duijvenbode c.s.
(31) 68633810
(32) 12.01.2010
(33) United States of America
(47) 05.06.2024

(51) A61F 2/24
A61F 2/95
(11) EP4066787
(21) EP22166172.1
(22) 19.08.2009
(54) PROSTHETIC HEART VALVE AND DELIVERY APPARATUS
(73) Edwards Lifesciences Corporation
(72) ALON, David
MEIRI, Oded
BENICHOU, Netanel
(74) ir. F.A. Geurts c.s.
(31) 429040
91293 P
(32) 23.04.2009
22.08.2008
(33) United States of America
United States of America
(47) 27.03.2024

(51) A61F 2/95
(11) EP4297702
(21) EP22735759.7
(22) 01.07.2022
(54) PERCUTANEOUS CATHETER SYSTEM FOR IMPLANT DELIVERY
(73) Sahajanand Medical Technologies Limited
(72) SHINGHVI, Abhijeet
SOLANKI, Chirag Maheshbhai
PANDEY, Shivanshu
(74) dr. R.C. van Duijvenbode c.s.
(31) 202221028378
(32) 17.05.2022
(33) India
(47) 29.05.2024

(51) A61F 5/01
A61F 5/30
(11) EP4125742
(21) EP21715215.6
(22) 24.03.2021
(54) PAD COMPRISING A PRESSURE ELEMENT
(73) Bauerfeind AG
(72) BAUERFEIND, Hans Bruno
BECK, André
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020203999
(32) 27.03.2020
(33) Germany
(47) 01.05.2024

(51) A61F 7/02
A61F 7/00
(11) EP3435935
(21) EP17776506.2
(22) 28.03.2017
(54) HEAT EXCHANGE MODULE AND SYSTEM OF ASSMEBLY
(73) Hypothermia Devices, Inc.
The Regents of The University of California Santa Cruz
(72) PADULA, Andrew
KALRA, Mayank
ESTRADA, Daniel
VERGARA, Julio L.
COHN, Ryan
(74) ir. C.G.C. Veldman-Dijkers
(31) 201662400836 P
PCT/US2016/024592
(32) 28.09.2016
28.03.2016
(33) United States of America
World Intellectual Property Office (WIPO)
(47) 01.05.2024

(51) A61F 13/02
A61F 13/00
(11) EP3915532
(21) EP20176287.9
(22) 25.05.2020
(54) A NEGATIVE PRESSURE WOUND THERAPY (NPWT) DRESSING
(73) Mölnlycke Health Care AB
(72) SVENSSON, Malin
HOLMÉN, Malin
SKEPPSTEDT, Viktoria
BOLYOS, Elinor
(74) dr. R.C. van Duijvenbode c.s.
(47) 17.04.2024

(51) A61F 13/15
A61F 13/49
(11) EP3856107
(21) EP19866386.6
(22) 03.05.2019
(54) RING-LIKE ELASTIC BELT WITH IMPROVED SIDE SEAMS
(73) The Procter & Gamble Company

(72) HUANG, Gene Xiaoqing
ORDWAY, David Carlton
YAMASHITA, Fumitake
ZENG, Huasen
OGAWA, Kazuya
TSUJI, Masayuki
SHIOMITSU, Daisuke
LEE, Donsub
MORIMOTO, Koichi
CORTES, Maricel Soriano
LONG, Michael Devin
(74) ir. W.J.J.M. Kempes
(31) PCT/CN2018/107276
(32) 25.09.2018
(33) World Intellectual Property Office (WIPO)
(47) 22.05.2024

(51) A61F 13/49
A61F 13/51
D04H 1/559
D04H 1/74
A61F 13/496
B32B 5/02
(11) EP3692961
(21) EP18865016.2
(22) 28.09.2018
(54) EXPANDABLE/CONTRACTABLE SHEET AND ABSORBENT ARTICLE
(73) Unicharm Corporation
(72) OHTSUBO, Toshifumi
(74) J.M.H. Duyver lic.
(31) 2017194553
(32) 04.10.2017
(33) Japan
(47) 22.05.2024

(51) A61K 9/00
(11) EP4175620
(21) EP22751897.4
(22) 08.07.2022
(54) COMPOSITIONS, METHODS AND SYSTEMS FOR AEROSOL DRUG DELIVERY
(73) AstraZeneca Pharmaceuticals LP
(72) GUTIERREZ, Gertrude
LAMPA, Charina
LACHACZ, Kellisa
RIEBE, Michael
LECHUGA-BALLESTEROS, David
MELLO, Lauren
TAN, Penny
ARCHBELL, James
JOSHI, Vidya
(74) dr. R.C. van Duijvenbode c.s.
(31) 202163282356 P
202163220362 P
(32) 23.11.2021
09.07.2021
(33) United States of America
United States of America
(47) 10.04.2024

(51) A61K 9/00
A61K 9/06
A61K 47/36
A61K 31/7004
G01N 33/66
(11) EP3370776
(21) EP16861128.3
(22) 05.11.2016
(54) METHOD AND PRODUCT FOR TESTING RESPONSE TO ORAL GLUCOSE LOAD
(73) Nutrition DNA Pty Ltd
(72) MEISER, Felix
GIVONI, Nathan
KRALJ, Thomas Petar
BARABASH, Ian
(74) dr. A. Krebs
(31) 2015904571
(32) 06.11.2015
(33) Australia
(47) 13.03.2024

(51) A61K 9/00
A61K 9/10
A61K 31/519
A61P 25/18
A61P 25/24
A61P 3/04
(11) EP4025189
(21) EP21725105.7
(22) 07.05.2021
(54) DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS
(73) Janssen Pharmaceutica NV
(72) WIEGAND, Frank
SANGA, Panna
LOUIE, John
MILZ, Ruth
(74) dr. R.C. van Duijvenbode c.s.
(31) 202063119363 P
(32) 30.11.2020
(33) United States of America
(47) 05.06.2024

(51) A61K 9/00
A61K 9/107
A61K 31/351
A61K 47/36
A61K 47/42
A61P 31/04
(11) EP3968956
(21) EP20803921.4
(22) 19.10.2020
(54) A TOPICAL PHARMACEUTICAL MUPIROCIN COMPOSITION FOR BACTERIAL INFECTIONS AND WOUND HEALING
(73) SULUR, Vishagan Vanangamudi
(72) SRINIVASAN, Madhavan
SULUR, Vanangamudi Subramaniam
SULUR, Vishagan Vanangamudi
(74) dr. R.C. van Duijvenbode c.s.
(31) 201941043186
(32) 24.10.2019
(33) India
(47) 10.04.2024

(51) A61K 9/00
A61K 31/4045
A61K 31/428
A61K 31/48
A61K 31/506
A61K 31/70
A61K 31/7034
A61K 31/7042
A61K 31/7048
A61K 31/7056
A61P 3/10
A61P 9/12
A61P 1/14
A61P 1/16
A61P 43/00
(11) EP3197429
(21) EP15774881.5
(22) 22.09.2015
(54) COMBINATION TREATMENT OF SGLT2 INHIBITORS AND DOPAMINE AGONISTS FOR PREVENTING METABOLIC DISORDERS IN EQUINE ANIMALS
(73) Boehringer Ingelheim Vetmedica GmbH
(72) RAHMEL, Daniela
REICHE, Dania Birte
(74) ir. F.A. Geurts c.s.
(31) 14186479
(32) 25.09.2014
(33) European Patent Office (EPO)
(47) 22.05.2024

(51) A61K 9/00
A61P 15/10
A61K 47/32
A61K 47/26
A61K 47/10
G01N 25/48
G01N 25/58
(11) EP3934624
(21) EP20800255.0
(22) 22.10.2020
(54) TOPICAL COMPOSITION AND METHODS OF MEASURING THE COOLING ABILITY OF A TOPICAL COMPOSITION
(73) Futura Medical Developments Limited
(72) JAMES, Kenneth William
PROVOST, James Andrew
(74) ir. H.A. Witmans c.s.
(31) 202015404
201918039
(32) 29.09.2020
09.12.2019
(33) United Kingdom
United Kingdom
(47) 13.03.2024

(51) A61K 9/107
A61K 39/39
(11) EP2638895
(21) EP13155782.9
(22) 03.12.2010
(54) Circulation of components during homogenization of emulsions
(73) Seqirus UK Limited
(72) Santry, Barbara
Scheffczik, Hanno
Rueckl, Harald
(74) dr. R.C. van Duijvenbode c.s.
(31) 283518 P
(32) 03.12.2009
(33) United States of America
(47) 20.03.2024

(51) A61K 9/16
A61K 31/4545
A61P 7/02
(11) EP3781132
(21) EP19722333.2
(22) 15.04.2019

(54) APIXABAN FORMULATIONS
(73) Bristol-Myers Squibb Company
Pfizer Inc.
(72) KUNTZ, Daniel
BADAWY, Sherif, Ibrahim, Farag
STEVENS, Timothy, D.
WAYBRANT, Brett
(74) ir. H.A. Witmans c.s.
(31) 201862658175 P
(32) 16.04.2018
(33) United States of America
(47) 20.03.2024

(51) A61K 31/00
A61K 39/00
A61K 39/395
C07K 16/28
A61K 45/06
A61K 9/00
A61P 35/00
(11) EP3880186
(21) EP19817846.9
(22) 13.11.2019
(54) INTRALESIONAL ADMINISTRATION OF PD-1 INHIBITORS FOR TREATING SKIN CANCER
(73) Regeneron Pharmaceuticals, Inc.
(72) LOWY, Israel
FURY, Matthew G.
(74) dr. R.C. van Duijvenbode c.s.
(31) 201862767218 P
(32) 14.11.2018
(33) United States of America
(47) 03.04.2024

(51) A61K 31/138
A61K 31/439
A61K 45/06
A61P 11/06
A61P 11/08
(11) EP3335707
(21) EP17206132.7
(22) 29.11.2010
(54) COMBINATIONS OF A MUSCARINIC RECEPTOR ANTAGONIST AND A BETA-2 ADRENORECEPTOR AGONIST
(73) Glaxo Group Limited
(72) NOGA, Brian
BAKER, Darrell
BRUCE, Mark
THOMAS, Marian
WIRE, Patrick
CRATER, Glenn
(74) dr. R.C. van Duijvenbode c.s.
(31) 0921075
(32) 01.12.2009
(33) United Kingdom
(47) 17.04.2024

(51) A61K 31/381
A61P 1/16
(11) EP4166137
(21) EP21858322.7
(22) 18.08.2021
(54) THERAPEUTIC AGENT FOR FATTY LIVER DISEASE
(73) EA Pharma Co., Ltd.
(72) KAWANISHI, Ippei
SAITOU, Yuki
SHIRAISHI, Seiji
TANAKA, Harumi
ANDO, Ayatoshi
(74) dr. ir. F.M. van Bouwelen
(31) 2020138703
(32) 19.08.2020
(33) Japan
(47) 29.05.2024

(51) A61K 31/407
A61K 31/69
A61P 13/02
A61P 13/12
A61P 31/04
(11) EP3565551
(21) EP18735813.0
(22) 08.01.2018
(54) METHODS OF TREATING BACTERIAL INFECTIONS WITH A COMBINATION OF VABORBACTAM AND MEROPENEM
(73) Melinta Therapeutics, Inc.
(72) DUDLEY, Michael, N.
GRIFFITH, David, C.
MORGAN, Elizabeth, E.
FUSARO, Karen
LOUTIT, Jeffrey, S.
LOMOVSKAYA, Olga
(74) dr. R.C. van Duijvenbode c.s.
(31) 201762513936 P
201762444238 P
(32) 01.06.2017
09.01.2017
(33) United States of America
United States of America
(47) 20.03.2024

(51) A61K 31/4439
A61K 31/519
A61P 1/16
(11) EP4122464
(21) EP22180249.9
(22) 26.03.2018
(54) THERAPEUTIC COMBINATIONS FOR TREATING LIVER DISEASES
(73) Gilead Sciences, Inc.
(72) BATES, Jamie Geier
BRECKENRIDGE, David Gordon
LILES, John T.
(74) dr. R.C. van Duijvenbode c.s.
(31) 201762586354 P
201762482105 P
201762477697 P
(32) 15.11.2017
05.04.2017
28.03.2017
(33) United States of America
United States of America
United States of America
(47) 15.05.2024

(51) A61K 31/549
A61K 31/41
A61K 31/4418
A61K 31/382
A61K 31/40
A61K 31/4035
A61K 31/404
A61K 31/4178
A61K 31/4184
A61K 31/4422
A61K 31/495
A61K 31/517
A61K 31/554
A61K 31/277
A61P 9/12
(11) EP4101454
(21) EP22188172.5
(22) 23.01.2018
(54) COMPOSITIONS FOR USE IN THE TREATMENT OF HYPERTENSION
(73) The George Institute for Global Health
(72) RODGERS, Anthony
MACMAHON, Stephen
(74) dr. A. Krebs
(31) 201762450324 P
(32) 25.01.2017
(33) United States of America
(47) 10.04.2024

(51) A61K 31/7036
A61K 9/127
A61P 31/04
A61K 31/407
A61K 31/4375
A61K 31/4409
A61K 31/496
A61K 31/5383
A61K 31/546
A61K 31/65
A61K 31/7048
A61K 31/7052
A61K 9/00
A61K 31/133
A61K 31/4709
(11) EP4122470
(21) EP22182229.9
(22) 15.05.2015
(54) METHODS FOR TREATING PULMONARY NON-TUBERCULOUS MYCOBACTERIAL INFECTIONS
(73) Insmed Incorporated
(72) GUPTA, Renu
EAGLE, Gina
(74) ir. W.J.J.M. Kempes
(31) 201462056296 P
201462048068 P
201462042126 P
201461993439 P
(32) 26.09.2014
09.09.2014
26.08.2014
15.05.2014
(33) United States of America
United States of America
United States of America
United States of America
(47) 20.03.2024

(51) A61K 35/17
A61K 39/395
C07K 16/28
C07K 16/30
A01N 1/02
C12N 5/0783
(11) EP3843757
(21) EP19769715.4
(22) 26.08.2019
(54) CRYOPRESERVED NK CELLS PRELOADED WITH AN ANTIBODY CONSTRUCT
(73) Affimed GmbH
(72) KOCH, Joachim
TREDER, Martin

DULAT, Holger J.
REUSCH, Uwe
(74) dr. W.A.H.M. Van Borm
(31) 18191031
(32) 27.08.2018
(33) European Patent Office (EPO)
(47) 24.04.2024

(51) A61K 35/17
C12N 5/0783
A61K 31/495
A61K 39/395
(11) EP3673911
(21) EP20154049.9
(22) 18.08.2017
(54) COMPOSITIONS AND METHODS FOR CANCER IMMUNOTHERAPY
(73) The UAB Research Foundation
IN8bio, Inc.
(72) HO, William
LAMB, Lawrence S.
(74) dr. R.C. van Duijvenbode c.s.
(31) 201662376680 P
(32) 18.08.2016
(33) United States of America
(47) 20.03.2024

(51) A61K 38/16
A61P 3/00
A61P 3/06
A61P 3/10
A61P 3/04
C07K 14/02
(11) EP3463422
(21) EP17805843.4
(22) 31.05.2017
(54) COMPOSITIONS AND METHODS FOR TREATING METABOLIC DISEASES
(73) Shanghai Hep Pharmaceutical Co., Ltd.
(72) LIU, Hongli
(74) ir. F.A. Geurts c.s.
(31) 201610370442
(32) 30.05.2016
(33) China
(47) 22.05.2024

(51) A61K 38/40
A61K 47/64
A61K 47/69
A61K 51/12
C12N 5/0783
C12N 5/0787
A61K 35/17
C12N 5/0786
A61K 38/42
A61K 35/15
(11) EP3310904
(21) EP16732271.8
(22) 22.06.2016
(54) CELLULAR TARGETED ACTIVE INGREDIENT DELIVERY SYSTEM
(73) Cellis AG
(72) BENNI, Irene
RYGIEL, Tomasz
BAIOCCO, Paola
KRÓL, Magdalena
BOFFI, Alberto
(74) dr. A. Krebs
(31) 41278715
(32) 22.06.2015
(33) Poland
(47) 03.04.2024

(51) A61K 39/00
A61K 39/39
C07K 7/06
C07K 7/08
C07K 14/705
A61K 38/20
A61K 9/00
A61K 31/203
A61K 31/404
A61K 31/675
A61K 31/7068
A61P 35/02
(11) EP3370763
(21) EP16862903.8
(22) 02.11.2016
(54) CD200 INHIBITORS AND METHODS OF USE THEREOF
(73) Regents of the University of Minnesota
(72) OLIN, Michael
(74) dr. R.C. van Duijvenbode c.s.
(31) 201562250376 P
(32) 03.11.2015
(33) United States of America
(47) 10.04.2024

(51) A61K 39/395
C07K 16/24
A61P 1/04
(11) EP3773715
(21) EP19722256.5
(22) 28.03.2019
(54) MIRIKIZUMAB IN THE TREATMENT OF ULCERATIVE COLITIS
(73) Eli Lilly and Company
(72) FRIEDRICH, Stuart William
TUTTLE, Jay Lawrence
KRUEGER, Kathryn Ann
CANAVAN, James Benedict
MILCH, Catherine
(74) ir. J.C. Volmer c.s.
(31) 201862650314 P
(32) 30.03.2018
(33) United States of America
(47) 08.05.2024

(51) A61K 47/14
A61K 9/00
A61K 9/16
(11) EP3829641
(21) EP19748488.4
(22) 24.07.2019
(54) NOVEL CARRIER PARTICLES FOR DRY POWDER FORMULATIONS FOR INHALATION
(73) Chiesi Farmaceutici S.p.A.
(72) GUIDI, Tomaso
TEIXEIRA PINTO, Joana Filipa Fernandes
PAUDEL, Amrit
ZELLNITZ, Sarah Elisabeth
(74) dr. R.C. van Duijvenbode c.s.
(31) 18186078
(32) 27.07.2018
(33) European Patent Office (EPO)
(47) 22.05.2024

(51) A61K 47/64
A61K 39/104
A61K 39/385
A61K 39/02
A61P 31/04
A61K 39/00
(11) EP3703745
(21) EP18872197.1
(22) 02.11.2018
(54) IMMUNOGENIC CONJUGATES AND METHODS OF USE THEREOF
(73) Nevada Research & Innovation Corporation
(72) BURTNICK, Mary N.
BRETT, Paul, J.
(74) drs. A.A. Jilderda
(31) 201762581700 P
(32) 04.11.2017
(33) United States of America
(47) 10.04.2024

(51) A61K 47/69
A61K 38/07
B82Y 5/00
A61P 35/00
(11) EP2662094
(21) EP13167148.9
(22) 08.05.2013
(54) Cylodextrin Complexation Methods for Formulating Peptide Proteasome Inhibitors
(73) Onyx Therapeutics, Inc.
(72) Jumaa, Mouhannad
Lewis, Evan
Shwonek, Peter
Dalziel, Sean
(74) ir. W.J.J.M. Kempes
(31) 201361777475 P
201261644122 P
(32) 12.03.2013
08.05.2012
(33) United States of America
United States of America
(47) 17.04.2024

(51) A61K 48/00
C12N 15/861
C12N 15/867
C12N 15/90
C12N 15/11
A61K 35/14
A61P 19/02
A61P 37/00
A01K 67/027
(11) EP3615674
(21) EP18791113.6
(22) 25.04.2018
(54) METHODS OF TREATING RHEUMATOID ARTHRITIS USING RNA-GUIDED GENOME EDITING OF HLA GENE
(73) The Regents of the University of Colorado, A Body Corporate
(72) MATSUDA, Jennifer
ANDERSON, Kirsten
FREED, Brian
ROARK, Christina
(74) dr. W.A.H.M. Van Borm
(31) 201762491487 P
(32) 28.04.2017
(33) United States of America
(47) 13.03.2024

(51) A61L 27/16
A61L 24/06

A61L 24/00
A61L 27/40
A61L 27/50
A61L 24/02
(11) EP3769795
(21) EP19770427.3
(22) 05.03.2019
(54) HARD TISSUE REPAIR COMPOSITION AND HARD TISSUE REPAIR KIT
(73) Mitsui Chemicals, Inc.
(72) NAKAGAWA, Aya
AOKI, Shinya
MIURA, Takashi
GOTO, Kengo
YANG, Jingjing
BANDO, Ayako
(74) dr. R.C. van Duijvenbode c.s.
(31) 2018200808
2018112503
2018053013
(32) 25.10.2018
13.06.2018
20.03.2018
(33) Japan
Japan
Japan
(47) 24.04.2024

(51) A61M 1/14
A61M 1/16
A61M 1/34
(11) EP3576807
(21) EP18703841.9
(22) 02.02.2018
(54) PHASED CONVECTIVE OPERATION
(73) Quanta Dialysis Technologies Limited
(72) BUCKBERRY, Clive Henry
HEYES, Keith
ESSER, Eduardo
(74) J.M.H. Duyver lic.
(31) 201701740
(32) 02.02.2017
(33) United Kingdom
(47) 13.03.2024

(51) A61M 5/20
A61M 5/315
(11) EP2750738
(21) EP12827816.5
(22) 28.08.2012
(54) INJECTION DEVICE
(73) SHL Medical AG
(72) BOSTRÖM, Anders
GABRIELSSON, Elin
(74) ir. W.J.J.M. Kempes
(31) 1150788
201161529325 P
(32) 31.08.2011
31.08.2011
(33) Sweden
United States of America
(47) 15.05.2024

(51) A61M 15/00
(11) EP4188491
(21) EP22736235.7
(22) 22.06.2022
(54) DRY POWDER MEDICAMENT INHALER
(73) Norton (Waterford) Limited
(72) HAZENBERG, Jan Geert
CROWLEY, Peter John
BUCK, Daniel
GOTTESMAN, Josh
(74) dr. A. Krebs
(31) 202111658
(32) 13.08.2021
(33) United Kingdom
(47) 08.05.2024

(51) A61M 15/00
B65D 41/04
B65D 55/16
(11) EP4066874
(21) EP22159182.9
(22) 26.01.2018
(54) INHALERS
(73) Norton (Waterford) Limited
(72) BUCK, Daniel
PRENDERGAST, Paul
WALSH, Declan
(74) dr. A. Krebs
(31) 201702408
(32) 14.02.2017
(33) United Kingdom
(47) 24.04.2024

(51) A61M 16/00
(11) EP4003472
(21) EP20749855.1
(22) 29.07.2020
(54) SYSTEM FOR CONTROLLING A VENTILATION VARIABLE OF A VENTILATOR AND VENTILATOR
(73) Hamilton Medical AG
(72) MEIER, Kevin
(74) dr. R.C. van Duijvenbode c.s.
(31) 102019120541
(32) 30.07.2019
(33) Germany
(47) 13.03.2024

(51) A61M 16/16
(11) EP3586898
(21) EP19176454.7
(22) 02.05.2012
(54) COMPONENT FOR MEDICAL CIRCUIT
(73) Fisher & Paykel Healthcare Limited
(72) GRAY, Nathan Lee
COLEMAN, Peter Nigel
(74) ir. W.J.J.M. Kempes
(31) 201261596798 P
201161483215 P
(32) 09.02.2012
06.05.2011
(33) United States of America
United States of America
(47) 20.03.2024

(51) A61M 25/00
(11) EP3700613
(21) EP18800452.7
(22) 26.10.2018
(54) BRAIDED DRAINAGE CATHETER
(73) Boston Scientific Scimed, Inc.
(72) RUBESCH, Timothy Lawrence
GUPTA, Ajay
SMITH, Mark Steven
(74) ir. A.R. Aalbers
(31) 201762577799 P
(32) 27.10.2017
(33) United States of America
(47) 10.04.2024

(51) A61M 60/135
A61M 60/221
A61M 60/232
A61M 60/237
A61M 60/411
A61M 60/833
(11) EP3424545
(21) EP18191451.6
(22) 23.06.2015
(54) BLOOD PUMP
(73) Abiomed Europe GmbH
(72) SIESS, Thorsten
ABOULHOSN, Walid
(74) J.M.H. Duyver lic.
(47) 03.04.2024

(51) A61N 1/05
A61N 1/36
A61N 1/372
(11) EP3886976
(21) EP20705823.1
(22) 13.01.2020
(54) SPINAL CORD STIMULATION SYSTEM USING ANODIC AND CATHODIC PULSES FOR DORSAL COLUMN RECRUITMENT OR SUPPRESSION
(73) Boston Scientific Neuromodulation Corporation
(72) ZHANG, Tianhe
DOAN, Que, T
MOFFITT, Michael, A.
(74) ir. A.R. Aalbers
(31) 202016738786
201916657560
201916460655
201916460640
201962849642 P
201962803330 P
(32) 09.01.2020
18.10.2019
02.07.2019
02.07.2019
17.05.2019
08.02.2019
(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) 10.04.2024

(51) A61N 1/36
A61B 5/24
A61B 5/00
(11) EP3799576
(21) EP19730620.2
(22) 22.05.2019
(54) ARTIFACT REDUCTION IN A SENSED NEURAL RESPONSE
(73) Boston Scientific Neuromodulation Corporation
(72) ZHANG, Tianhe
GURURAJ, Kiran, K.
BORKAR, Pranjali
ESTELLER, Rosana
(74) ir. A.R. Aalbers
(31) 201862679259 P
(32) 01.06.2018

(33) United States of America
(47) 10.04.2024

(51) A62B 18/00
A62B 18/02
(11) EP3838348
(21) EP19218878.7
(22) 20.12.2019
(54) MOUTH PROTECTION DEVICE FOR A RESPIRATORY PROTECTION SYSTEM
(73) Optrel Holding AG
(72) BUECHEL, Robert
BROUWER, Jasper
HEUSSER, Jonathan
BLÖCHLINGER, Daniel
(74) ir. W.J.J.M. Kempes
(47) 27.03.2024

(51) A63B 69/00
A63B 21/06
A63B 21/072
A63B 21/00
(11) EP3544701
(21) EP17823211.2
(22) 22.11.2017
(54) FLEXIBLE SPORTING APPARATUS DESCRIPTION
(73) Reaxing S.r.l.
(72) D'ALESIO, Gionata
(74) dr. A. Krebs
(31) 201700038793
201600118691
(32) 07.04.2017
23.11.2016
(33) Italy
Italy
(47) 06.03.2024

(51) B01D 21/26
B04C 5/04
B04C 5/24
B04C 7/00
(11) EP3419731
(21) EP16705812.2
(22) 25.01.2016
(54) SEPARATOR FOR SEPARATING SOLID MATTER FROM A FLUID
(73) Hydrocon GmbH
(72) KUHLMANN, Lothar
(74) ir. H.Th. van den Heuvel c.s.
(47) 13.03.2024

(51) B01D 53/58
B01D 53/78
B01D 53/84
A01K 1/00
B01D 53/77
B01D 47/02
(11) EP3697203
(21) EP18812356.6
(22) 18.10.2018
(54) FILTER SYSTEM, INSTALLATION SUCH AS AN ANIMAL ACCOMMODATION PROVIDED THEREWITH, AND METHOD THEREFOR
(73) Blue Economy Systems B.V.
(72) DE ZWARTE, Iman Jacob
GERITS, Johannes Henricus Pierre
VAN HEUVEN, Klaas
VAN GENNIP, Wilhelmus Nicolaas Pieter Blasius
HAZELEGER, Pascal Willem Richard
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 2019759
(32) 18.10.2017
(33) Netherlands
(47) 20.03.2024

(51) B01D 53/64
B01D 53/52
(11) EP3616775
(21) EP18020425.7
(22) 03.09.2018
(54) DEVICE FOR THE SEPARATION OF METAL CARBONYLS FROM RAW SYNTHESIS GAS
(73) L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE
(72) Corbet, Sharon
Gubrinski, Alfred
Schmidt, Sophia
(74) ir. A. Blokland c.s.
(47) 01.05.2024

(51) B01D 53/86
B01D 53/62
B01D 53/90
F23G 7/06
B01D 53/75
B01D 53/34
F01N 3/08
F01N 3/20
F01N 5/02
F01N 9/00
F01N 11/00
F23J 15/00
(11) EP3756751
(21) EP18833145.8
(22) 20.02.2018
(54) EXHAUST GAS PROCESSING APPARATUS AND EXHAUST GAS PROCESSING METHOD
(73) Mitsubishi Heavy Industries, Ltd.
(72) KAMIJO, Takashi
TSUJIUCHI, Tatsuya
HIRATA, Takuya
TANAKA, Hiroshi
(74) ir. J.C. Volmer c.s.
(47) 15.05.2024

(51) B01D 61/14
C12M 3/02
C12M 3/06
(11) EP3500355
(21) EP17843054.2
(22) 21.08.2017
(54) BIOREACTOR AND METHODS OF USE THEREOF
(73) ADVA Biotechnology Ltd.
(72) KARNIELI, Ohad
(74) dr. R.C. van Duijvenbode c.s.
(31) 201762489065 P
201662377628 P
(32) 24.04.2017
21.08.2016
(33) United States of America
United States of America
(47) 10.04.2024

(51) B01F 25/82
B01F 25/83
B29B 7/78
(11) EP4168168
(21) EP21732271.8
(22) 10.06.2021
(54) MIXING SILO FOR BULK MATERIAL, PRODUCTION PLANT WITH A MIXING SILO OF THIS KIND, AND METHOD FOR OPERATING A MIXING SILO OF THIS KIND
(73) Coperion GmbH
(72) DÜRR, Michael
ZECHNER, Egon
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020207608
(32) 19.06.2020
(33) Germany
(47) 20.03.2024

(51) B01J 29/06
B01J 29/08
C07C 51/00
C07C 51/09
C07C 57/04
C07C 57/52
C07C 59/58
C07C 59/66
C07C 69/14
C07C 69/78
C07C 69/73
C07C 69/54
C07C 231/12
C07C 303/02
C07C 309/70
C07C 233/09
C07C 61/06
C07C 63/06
C07C 63/10
C07C 57/13
(11) EP3814005
(21) EP19825623.2
(22) 25.06.2019
(54) SYSTEMS AND PROCESSES FOR PRODUCING ORGANIC ACIDS DIRECTLY FROM BETA-LACTONES
(73) Novomer, Inc.
(72) SOOKRAJ, Sadesh H.
(74) mr. R. Zwamborn
(31) 201816023410
(32) 29.06.2018
(33) United States of America
(47) 17.04.2024

(51) B01J 29/18
B01J 29/22
B01J 29/24
B01J 29/26
B01J 29/40
B01J 29/44
B01J 29/46
B01J 29/48
B01J 29/80
B01J 35/00
C01B 39/02
C07C 6/12
C07C 15/08
(11) EP3785797
(21) EP20202046.7
(22) 14.03.2018
(54) HEAVY REFORMATE CONVERSION INTO XYLENES USING COMPOSITE ZEOLITE CATALYSTS

(73) Consejo Superior de Investigaciones Cientificas (CSIC)
Universitat Politecnica de Valencia
Saudi Arabian Oil Company
(72) PORTILLA OVEJERO, M. Teresa
ABUDAWOUD, Raed Hasan
CORMA CANÓS, Avelino
MARTÍNEZ SÁNCHEZ, M. Cristina
AL-ZAHRANI, Ibrahim M.
NAVARRO VILLALBA, M. Teresa
MARGARIT BENAVENT, Vicente J.
(74) J.M.H. Duyver lic.
(47) 24.04.2024

(51) B01J 37/08
B01J 37/02
B01J 21/12
B01J 23/75
B01J 23/89
B01J 35/10
C10G 3/00
(11) EP3448559
(21) EP17710771.1
(22) 20.03.2017
(54) PREPARATION METHOD FOR COBALT CATALYSTS BASED ON A SUPPORT CONTAINING A MIXED OXIDE PHASE CONTAINING COBALT AND/OR NICKEL PREPARED BY THE USE OF A DICARBOXYLIC ACID COMPRISING AT LEAST THREE CARBON ATOMS
(73) IFP Energies nouvelles
(72) FECANT, Antoine
DECOTTIGNIES, Dominique
(74) ir. W.J.J.M. Kempes
(31) 1653851
(32) 29.04.2016
(33) France
(47) 13.03.2024

(51) B06B 1/06
G01S 7/521
G10K 11/32
A61B 8/00
(11) EP4178731
(21) EP21737593.0
(22) 25.06.2021
(54) WATERBORNE SOUND TRANSDUCER HAVING A DIRECTED RADIATION CHARACTERISTIC
(73) thyssenkrupp AG
ATLAS ELEKTRONIK GmbH
(72) THEUERKAUF, Nils
STEGEN, Ole
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020208570
(32) 08.07.2020
(33) Germany
(47) 15.05.2024

(51) B07B 1/04
B07B 13/16
(11) EP4106932
(21) EP21708313.8
(22) 18.02.2021
(54) SLACK SEPARATION APPARATUS AND METHOD
(73) Ishida Europe Limited
(72) VINE, Lee
(74) J.M.H. Duyver lic.
(31) 202002391
(32) 20.02.2020
(33) United Kingdom
(47) 15.05.2024

(51) B07B 11/02
B07B 11/04
B07B 7/083
(11) EP3991858
(21) EP21201374.2
(22) 07.10.2021
(54) OPERATING METHOD FOR A SEPARATOR AND SEPARATOR FOR CLASSIFICATION
(73) NETZSCH Trockenmahltechnik GmbH
(72) Domes, Joachim
Winter, Frank
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020006724
(32) 03.11.2020
(33) Germany
(47) 20.03.2024

(51) B08B 3/10
G01N 33/28
F17D 3/10
G01F 15/18
G01F 15/02
G01F 1/88
G01F 1/74
G01F 1/64
G01F 1/58
G01F 1/7088
G01F 1/712
(11) EP3194085
(21) EP15770595.5
(22) 15.09.2015
(54) MULTI-PHASE FLOW MONITORING SYSTEM WITH TOMOGRAPHY APPARATUS
(73) University Of Leeds
(72) FARAJ, Yousef
JIA, Jiabin
WANG, Qiang
WANG, Mi
(74) dr. A. Krebs
(31) 201416287
(32) 15.09.2014
(33) United Kingdom
(47) 06.03.2024

(51) B21B 1/22
B21B 37/48
B21B 37/56
C21D 8/02
(11) EP4094854
(21) EP20922979.8
(22) 20.11.2020
(54) TEMPER ROLLING METHOD FOR COLD-ROLLED STEEL SHEET
(73) JFE Steel Corporation
(72) TSUJIMOTO, Masami
ISHII, Kentaro
NISHIMURA, Hiroshi
KURISU, Ken
TAGAWA, Daisuke
(74) ir. C.G.C. Veldman-Dijkers
(31) 2020037602
(32) 05.03.2020
(33) Japan
(47) 29.05.2024

(51) B22F 1/10
B22F 1/17
B22F 9/24
C09C 1/62
B22F 1/052
B22F 1/107
H01L 23/00
(11) EP3134221
(21) EP15718258.5
(22) 10.04.2015
(54) METHOD FOR MANUFACTURING METAL POWDER
(73) Alpha Assembly Solutions Inc.
(72) MUKHERJEE, Sutapa
SARKAR, Siuli
CHAKI, Nirmalya Kumar
ROY, Poulami Sengupta
SETNA, Rohan P
(74) ir. W.J.J.M. Kempes
(31) 1102DE2014
(32) 23.04.2014
(33) India
(47) 22.05.2024

(51) B23K 11/30
G06K 7/00
H01Q 1/00
(11) EP3781345
(21) EP18750329.7
(22) 20.07.2018
(54) USE OF A MULTI-RING ANTENNA IN ELECTRODE CAP MILLING DEVICES FOR MONITORING METALLIC ROTATIONALLY SYMMETRICAL MILLING TOOLS AND ELECTRODE CAP MILLING DEVICES
(73) Bräuer Systemtechnik GmbH
(72) SONNTAG, Frank
(74) ir. M.B. Plaggenborg
(31) 102018003123
(32) 17.04.2018
(33) Germany
(47) 29.05.2024

(51) B23K 26/53
B23K 26/06
H01L 21/02
B23K 103/00
B23K 101/40
(11) EP3902652
(21) EP19842414.5
(22) 27.12.2019
(54) LASER-ASSISTED METHOD FOR PARTING CRYSTALLINE MATERIAL
(73) Wolfspeed, Inc.
(72) GOLAKIA, Harshad
EDMOND, John
DONOFRIO, Matthew
(74) J.M.H. Duyver lic.
(31) 201916274064
201962803340 P
201862786333 P
(32) 12.02.2019
08.02.2019
29.12.2018
(33) United States of America
United States of America
United States of America
(47) 01.05.2024

(51) B23K 35/26
C22C 13/00

H05K 3/34
H01L 23/00
B23K 35/02
(11) EP3427888
(21) EP17763297.3
(22) 08.03.2017
(54) SOLDER ALLOY, SOLDER BALL, CHIP SOLDER, SOLDER PASTE, AND SOLDER JOINT
(73) SENJU METAL INDUSTRY CO., LTD.
(72) TACHIBANA, Ken
HATTORI, Takahiro
(74) ir. W.J.J.M. Kempes
(31) 2016044779
(32) 08.03.2016
(33) Japan
(47) 24.04.2024

(51) B25J 13/08
B25J 15/02
B25J 15/12
B25J 19/02
B25J 9/16
(11) EP4039422
(21) EP21210982.1
(22) 11.12.2018
(54) SENSORIZED ROBOTIC GRIPPING DEVICE
(73) X Development LLC
(72) SHAFER, Alex
ALEXANDER, Taylor
HOMBERG, Bianca
BINGHAM, Jeffrey
DELPRETO, Joseph
(74) dr. A. Krebs
(31) 201715839045
(32) 12.12.2017
(33) United States of America
(47) 15.05.2024

(51) B25J 21/00
B01L 1/04
B25J 21/02
(11) EP3972789
(21) EP20761006.4
(22) 06.08.2020
(54) FLUID TRANSFER SYSTEM FOR ISOLATORS
(73) EMD Millipore Corporation
(72) BOROZENETS, Philip
MORRISSEY, Martin
KING, Conor
(74) ir. W.J.J.M. Kempes
(31) 201962891493 P
(32) 26.08.2019
(33) United States of America
(47) 22.05.2024

(51) B28B 1/00
B28B 3/26
B28B 23/18
B29C 48/02
B29C 48/16
B29C 48/285
B29C 48/92
B33Y 30/00
B33Y 70/10
B29C 48/00
(11) EP3983188
(21) EP20742330.2
(22) 12.06.2020
(54) METHOD FOR MANUFACTURING AN ANISOTROPIC FIBROUS CONCRETE
(73) Ecole Nationale des Ponts et Chaussées
(72) DUCOULOMBIER, Nicolas
CARON, Jean-François
(74) ir. F.A. Geurts c.s.
(31) 1906424
(32) 14.06.2019
(33) France
(47) 20.03.2024

(51) B28C 7/04
B28B 1/00
B28C 5/08
B33Y 30/00
B29C 64/00
B01F 27/072
B01F 27/1121
B01F 27/2123
B01F 27/213
B01F 35/00
B33Y 10/00
(11) EP4086056
(21) EP22174627.4
(22) 09.08.2018
(54) METHOD OF MANUFACTURING A STRUCTURE FROM A BUILDING MATERIAL
(73) Sika Technology AG
(72) KUHN, Patrik
BRÜHWILER, Armin
BOURQUIN, Raphael
LOOTENS, Didier
(74) ir. W.J.J.M. Kempes
(31) 17185653
(32) 09.08.2017
(33) European Patent Office (EPO)
(47) 27.03.2024

(51) B29C 64/209
B33Y 30/00
(11) EP3860853
(21) EP19778546.2
(22) 02.10.2019
(54) ADDITIVE MANUFACTURING SYSTEM COMPRISING A LIQUEFIER TUBE
(73) Bond High Performance 3D Technology B.V.
(72) WOLBERS, Martijn Johannes
GROEN, Klaas
SPEELMAN, Marald
EKKELENKAMP, Antonie Everhard
BRUGGEMAN, Adrianus
KUIT, Koendert Hendrik
(74) drs. J. Renkema
(31) 18198464
18198461
(32) 03.10.2018
03.10.2018
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 29.05.2024

(51) B29C 70/24
B29C 70/22
B29C 70/20
B29C 70/54
(11) EP3758923
(21) EP18707042.0
(22) 26.02.2018
(54) A STITCHED MULTI-AXIAL REINFORCEMENT AND A METHOD OF PRODUCING THE SAME
(73) Vitrulan Composites Oy
(72) FJÄLLSTRÖM, Maija
HUOPONEN, Petro
(74) dr. R.C. van Duijvenbode c.s.
(47) 03.04.2024

(51) B29C 73/10
(11) EP4161765
(21) EP21724229.6
(22) 03.05.2021
(54) REPAIR PATCH FOR AN ELASTOMER COMPONENT WITH AN IMPROVED CONNECTION LAYER
(73) Rema Tip Top AG
(72) CASPER, Christian
KINZL, Florian
MÜCKE, Sylvia
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020207204
(32) 09.06.2020
(33) Germany
(47) 10.04.2024

(51) B29D 17/00
B29C 45/26
B29K 67/00
B29L 17/00
B29C 45/23
B29C 45/56
B29K 105/00
(11) EP4072839
(21) EP20824701.5
(22) 07.12.2020
(54) METHOD FOR PRODUCING GRAMOPHONE RECORDS BY INJECTION MOULDING
(73) Theunisse, Adrianus Martinus Gerardus
(72) VAN HOUT, Petrus Johannes Frederik Joseph
THEUNISSE, Adrianus Martinus Gerardus
(74) ir. G.J.M. Verhees
(31) 2024410
(32) 09.12.2019
(33) Netherlands
(47) 13.03.2024

(51) B29D 30/30
B29D 30/46
(11) EP4101627
(21) EP21213360.7
(22) 09.12.2021
(54) CLAMPING DEVICE FOR A TYRE BUILDING MACHINE AND METHOD FOR CLAMPING A TYRE COMPONENT
(73) Continental Reifen Deutschland GmbH
(72) Greupner, Bernd
Dietrich, Wolfgang
Vartholomos, Adionios
Havekost, Yannic
Kwee, Renate
(74) ir. W.J.J.M. Kempes
(31) 102021205710
(32) 07.06.2021
(33) Germany
(47) 27.03.2024

(51) B32B 5/02
B32B 27/12

B32B 27/20
B32B 27/28
B32B 27/32
B32B 27/34
B32B 27/40
B32B 37/00
B32B 37/04
(11) EP3953168
(21) EP20720673.1
(22) 27.03.2020
(54) COMPOSITE NONWOVEN MAT AND METHOD OF MAKING THE SAME
(73) Owens Corning Intellectual Capital, LLC
(72) QI, Weigang
EATON, Scott
CUDZILO, Zach
WU, Jianhui
(74) ir. W.J.J.M. Kempes
(31) 201962830901 P
(32) 08.04.2019
(33) United States of America
(47) 22.05.2024

(51) B33Y 30/00
B29C 64/209
(11) EP3860854
(21) EP19778547.0
(22) 02.10.2019
(54) LIQUEFIER TUBE FOR AN ADDITIVE MANUFACTURING SYSTEM
(73) Bond High Performance 3D Technology B.V.
(72) KUIT, Koendert Hendrik
SPEELMAN, Marald
GROEN, Klaas
EKKELENKAMP, Antonie Everhard
BRUGGEMAN, Adrianus
WOLBERS, Martijn Johannes
(74) drs. J. Renkema
(31) 18198461
18198464
(32) 03.10.2018
03.10.2018
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 29.05.2024

(51) B33Y 30/00
B33Y 40/00
B29C 64/307
B29C 31/00
B65D 88/00
B65D 90/48
B22F 12/52
B29C 31/02
B22F 12/80
B22F 10/28
B22F 10/25
(11) EP3720634
(21) EP18833448.6
(22) 03.12.2018
(54) INERTABLE CONTAINER FOR TRANSPORTING AN ADDITIVE MANUFACTURING POWDER
(73) AddUp
(72) ANGELE, Ludovic
EYERMANN, Didier
GONZALEZ, Antonio
(74) ir. W.J.J.M. Kempes
(31) 1761659
(32) 05.12.2017
(33) France
(47) 27.03.2024

(51) B41F 21/04
B41F 21/10
B41F 15/10
B41F 15/12
B41F 15/44
B41F 15/38
B41J 13/22
(11) EP4182171
(21) EP22709282.2
(22) 15.02.2022
(54) SHEET-FED PRINTING UNIT IN THE FORM OF A SCREEN PRINTING UNIT
(73) Koenig & Bauer AG
(72) MÜLLER, Michael
PALME, Martin
(74) J.M.H. Duyver lic.
(31) 102021105636
(32) 09.03.2021
(33) Germany
(47) 10.04.2024

(51) B41J 29/38
B41J 2/165
(11) EP3523130
(21) EP16918420.7
(22) 05.10.2016
(54) WIPING NOZZLES OF FLUID EJECTION DIES
(73) Hewlett-Packard Development Company, L.P.
(72) COBB, Rachelle Hea
ROTH, Teressa L.
SUN, Weiyun
LARSON, Christie D.
STAYKOV,Dimitre Lalov
(74) ir. W.J.J.M. Kempes
(47) 22.05.2024

(51) B60C 11/03
B60C 11/12
(11) EP4147885
(21) EP22186849.0
(22) 26.07.2022
(54) VEHICLE TYRES
(73) Continental Reifen Deutschland GmbH
(72) Rittweger, Stefan
Dr. Zimmermann, Fabian
Herbst, Stephan
(74) ir. W.J.J.M. Kempes
(31) 102021209903
(32) 08.09.2021
(33) Germany
(47) 27.03.2024

(51) B60K 37/02
B60K 37/06
(11) EP3962766
(21) EP20735526.4
(22) 25.06.2020
(54) MILITARY VEHICLE HAVING HMI-DEVICE FOR OPERATIONAL STAFF
(73) Rheinmetall Electronics GmbH
(72) KÜCK, Corvin
PRENZEL, Oliver
(74) dr. A. Krebs
(31) 102019117325
(32) 27.06.2019
(33) Germany
(47) 01.05.2024

(51) B63B 1/12
B63B 27/36
(11) EP4121345
(21) EP21710505.5
(22) 12.03.2021
(54) SYSTEM FOR HANDLING MARINE OR UNDERWATER DRONES BY FLOATING PONTOON WITH REMOVABLE DRONE INTERFACE MODULE, ADAPTED SHIP
(73) EXAIL
(72) GRALL, Sébastien
(74) J.M.H. Duyver lic.
(31) 2002568
(32) 16.03.2020
(33) France
(47) 06.03.2024

(51) B63B 39/04
F16C 37/00
(11) EP4100315
(21) EP21713252.1
(22) 25.02.2021
(54) GYROSCOPIC BOAT ROLL STABILIZER WITH BEARING COOLING
(73) Wavetamer LLC
(72) SOHACKI, Brian John
SMITH, Grady F.
POWERS, Aaron P.
(74) dr. W.A.H.M. Van Borm
(31) 202063070530 P
202062984013 P
(32) 26.08.2020
02.03.2020
(33) United States of America
United States of America
(47) 08.05.2024

(51) B63B 39/06
(11) EP3693262
(21) EP20154090.3
(22) 28.01.2020
(54) ACTIVE STABILISATION DEVICE AND METHOD
(73) SKF Marine GmbH
(72) Spardel, Holger
Thieme, Chriistian
(74) ir. W.J.J.M. Kempes
(31) 102019201505
(32) 06.02.2019
(33) Germany
(47) 20.03.2024

(51) B63H 1/10
(11) EP4164941
(21) EP20732212.4
(22) 11.06.2020
(54) APPARATUS, METHOD AND COMPUTER PROGRAM FOR CONTROLLING PROPULSION OF MARINE VESSEL
(73) ABB SCHWEIZ AG
(72) KARILA, Kai
LIU, Bin
MISHCHENKO, Kateryna
KIVIOJA, Matti
KIVELÄ, Jari
TRANGARD, Arne
JI, Wei
FRANSSON, Peter
GARCIA-GABIN, Winston

PELJO, Veli-Pekka
(74) ir. W.J.J.M. Kempes
(47) 20.03.2024

(51) B63H 20/00
B63H 21/21
(11) EP3865393
(21) EP21157598.0
(22) 17.02.2021
(54) MARINE VESSEL ELECTRIC PROPULSION SYSTEM, AND MARINE VESSEL INCLUDING THE SAME
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) SATO, Taichi
(74) dr. R.C. van Duijvenbode c.s.
(31) 2020024446
(32) 17.02.2020
(33) Japan
(47) 22.05.2024

(51) B63H 21/20
B63H 21/21
(11) EP3868645
(21) EP21156894.4
(22) 12.02.2021
(54) MARINE PROPULSION SYSTEM AND CONTROL METHOD
(73) Yamaha Hatsudoki Kabushiki Kaisha
(72) KADOBAYASHI, Yoshiyuki
(74) dr. R.C. van Duijvenbode c.s.
(31) 2020026310
(32) 19.02.2020
(33) Japan
(47) 29.05.2024

(51) B64C 39/02
G01S 13/87
G08G 5/00
(11) EP3604131
(21) EP18186540.3
(22) 31.07.2018
(54) SYSTEM AND METHOD FOR DETECTING FLIGHT MOVEMENTS
(73) HENSOLDT Sensors GmbH
(72) Kouemou, Guy
Brokmeier, Axel
(74) ir. W.J.J.M. Kempes
(47) 20.03.2024

(51) B65B 9/04
B30B 1/10
B65B 51/14
B65B 65/02
B30B 7/04
(11) EP4019415
(21) EP21204898.7
(22) 27.10.2021
(54) HOISTING GEAR
(73) MULTIVAC Sepp Haggenmüller SE & Co. KG
(72) HETZ, Maximilian
OBERSCHACHTSIEK, Stefan
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020134816
(32) 23.12.2020
(33) Germany
(47) 29.05.2024

(51) B65B 25/06
B65B 31/02
B65B 9/04
(11) EP3459866
(21) EP18201584.2
(22) 17.04.2014
(54) METHOD FOR EVACUATING A CHAMBER
(73) GEA Food Solutions Germany GmbH
(72) Fries, Alexander
(74) ir. W.J.J.M. Kempes
(31) 102013207418
(32) 24.04.2013
(33) Germany
(47) 27.03.2024

(51) B65B 53/02
(11) EP4161837
(21) EP21723414.5
(22) 04.05.2021
(54) APPARATUS FOR ATTACHING A SHRINKABLE LABEL ON A PRODUCT AND METHOD FOR ATTACHING A SHRINKABLE LABEL ON A PRODUCT
(73) Fuji Seal International, Inc.
(72) HOLLENBECK, Christoph
KIRCHNER, Patrick
BALTES, Klaus
HEEMAN, Frederik Gerardus
VAN HECK, Marinus Antonius Leonarda
JANSEN, Stephan
(74) J.M.H. Duyver lic.
(31) 101843
(32) 08.06.2020
(33) Luxembourg
(47) 15.05.2024

(51) B65D 17/34
B65D 17/40
B21D 19/12
B21D 51/38
(11) EP3828096
(21) EP20217135.1
(22) 15.05.2007
(54) A TAB TO BE AFFIXED TO A CAN END
(73) Stolle Machinery Company, LLC
(72) MITCHELL, Mark Richard
MCELDOWNEY, Craig Allen
(74) dr. R.C. van Duijvenbode c.s.
(31) 443803
(32) 31.05.2006
(33) United States of America
(47) 10.04.2024

(51) B65D 41/28
B65D 41/34
(11) EP4159638
(21) EP22198346.3
(22) 28.09.2022
(54) FLUID CONTAINER WITH CLOSURE CAP
(73) B. Braun Melsungen AG
(72) DOELS, Markus
LAMPRECHT, Volker
(74) J.M.H. Duyver lic.
(31) 102021125562
(32) 01.10.2021
(33) Germany
(47) 13.03.2024

(51) B65D 81/05
B31D 5/00
B65D 5/50
B65B 55/20
(11) EP3784593
(21) EP18746813.7
(22) 11.07.2018
(54) BUNDLE OF PACKING MATERIAL, METHOD OF MAKING AND USING THE SAME
(73) Ranpak Corp.
(72) CHEICH, Robert, C.
WAGNER, Dennis, J.
BAIERS, Shawn, M.
LENART, Craig, L.
(74) ir. W.J.J.M. Kempes
(31) 201862661402 P
(32) 23.04.2018
(33) United States of America
(47) 13.03.2024

(51) B65D 85/804
(11) EP3494068
(21) EP17743347.1
(22) 27.07.2017
(54) CAPSULE FOR THE PREPARATION OF A BEVERAGE CONTAINING PELLETS
(73) Société des Produits Nestlé S.A.
(72) CHAMPENOIS, Sandrine
INDUNI, Enrico
GOUTAL, Fabien Jean André
LACH, Laurent Joseph Henry
(74) dr. R.C. van Duijvenbode c.s.
(31) 16182508
(32) 03.08.2016
(33) European Patent Office (EPO)
(47) 03.04.2024

(51) B65G 1/04
B65G 1/137
(11) EP3383768
(21) EP16805850.1
(22) 06.12.2016
(54) A STORAGE AND PICKING SYSTEM WITH A SEQUENCING SYSTEM AND A METHOD OF DISPATCHING CONTAINERS FROM A STORAGE AND PICKING SYSTEM IN A PREDETERMINED SEQUENCE
(73) Ocado Innovation Limited
(72) INGRAM-TEDD, Andrew John
STADIE, Robert, Rolf
(74) ir. H.A. Witmans c.s.
(31) 201521488
(32) 06.12.2015
(33) United Kingdom
(47) 20.03.2024

(51) B65G 1/137
(11) EP3816072
(21) EP19822846.2
(22) 13.06.2019
(54) ARTICLE TRANSPORT VEHICLE
(73) Daifuku Co., Ltd.
(72) YOSHINAGA Kazuharu
(74) ir. W.J.J.M. Kempes
(31) 2018116406
(32) 19.06.2018
(33) Japan
(47) 22.05.2024

(51) B65G 1/137
A47B 81/00
A61J 3/00
G06Q 10/08
(11) EP3816073
(21) EP19848618.5
(22) 13.06.2019

(54) MEDICINE MANAGEMENT SYSTEM
(73) PHC Holdings Corporation
(72) OKUDA, Akinobu
MORII, Hideyuki
TAKAGI, Susumu
(74) dr. R.C. van Duijvenbode c.s.
(31) 2018151306
(32) 10.08.2018
(33) Japan
(47) 22.05.2024

(51) B65G 1/137
B65G 1/04
G06Q 10/08
B07C 5/00
B65G 47/46
B07C 5/38
(11) EP3487792
(21) EP17830578.5
(22) 18.07.2017
(54) ORDER FULFILLMENT METHOD AND SYSTEM WITH SORTATION AT INDUCT
(73) Dematic Corp.
(72) GONZALES, Jennifer
KASPER, Michael
(74) drs. O. Griebling
(31) 201662364610 P
(32) 20.07.2016
(33) United States of America
(47) 17.04.2024

(51) B65G 15/34
B29D 29/06
(11) EP3573907
(21) EP18702235.5
(22) 26.01.2018
(54) METHOD FOR PRODUCING AND/OR RECYCLING A CONVEYOR BELT, AND CONVEYOR BELT
(73) Forbo Siegling GmbH
(72) BUCH, Torsten
SCHULZ, Lennart
(74) ir. W.J.J.M. Kempes
(31) 102017101562
(32) 26.01.2017
(33) Germany
(47) 20.03.2024

(51) B65H 5/22
B41J 11/00
(11) EP3636568
(21) EP18199356.9
(22) 09.10.2018
(54) SHEET TRANSPORT APPARATUS FOR AN INKJET SHEET PRINTER
(73) Canon Production Printing Holding B.V.
(72) DU BUF, Gerrit P.J.
NELLEN, Wilhelmus H.J.
KUYPERS, Hermanus M.
(74) ir. M.J. Groen
(47) 03.04.2024

(51) B66C 13/08
B66C 13/06
(11) EP3328779
(21) EP16747570.6
(22) 27.07.2016
(54) LOAD CONTROL APPARATUS
(73) Royal IHC Limited
(72) MANCHESTER, Jonathan Ralph
(74) dr. A. Krebs
(31) 201513483
(32) 30.07.2015
(33) United Kingdom
(47) 15.05.2024

(51) B67D 7/34
(11) EP3189003
(21) EP15753900.8
(22) 20.08.2015
(54) DEVICE FOR MONITORING THE CONNECTION OF A CONVEYING LINE TO A VEHICLE-SIDE CONNECTION AND TO AN OUTPUT-SIDE CONNECTION
(73) Bartec Benke GmbH
(72) LERACH, Dieter
AMANN, Hans-Peter
(74) ir. J.C. Volmer c.s.
(31) 102014013310
(32) 03.09.2014
(33) Germany
(47) 13.03.2024

(51) C03B 37/04
(11) EP3652121
(21) EP18752567.0
(22) 06.07.2018
(54) FIBRE-FORMING PLATE
(73) SAINT-GOBAIN ISOVER
(72) LABARTHE, Jacques
VIANEY, François
LAHMAR, Flavien
(74) ir. W.J.J.M. Kempes
(31) 1770744
(32) 11.07.2017
(33) France
(47) 01.05.2024

(51) C04B 7/00
C09J 133/04
(11) EP4001235
(21) EP20208179.0
(22) 17.11.2020
(54) FREEZE PROTECTED WATER-BASED DISPERSION ADHESIVE AND USE THEREOF
(73) SIKA TECHNOLOGY AG
(72) Duhamel, Al
Scuderi, Michael
Overkamp, Bernd
Benighaus, Tobias
Carl, Wilfried
(74) ir. W.J.J.M. Kempes
(47) 27.03.2024

(51) C04B 35/12
C04B 35/626
C04B 35/63
C04B 7/06
F27D 1/00
C21C 5/44
C21B 7/06
(11) EP3819275
(21) EP18925334.7
(22) 23.07.2018
(54) CHROMIA-BASED BRICK
(73) TYK Corporation
(72) IKEUCHI, Yasushi
NAKATANI, Tomohiko
(74) dr. R.C. van Duijvenbode c.s.
(31) 2018125816
(32) 02.07.2018
(33) Japan
(47) 03.04.2024

(51) C07C 45/50
C07C 47/02
(11) EP3976572
(21) EP20732269.4
(22) 29.05.2020
(54) HYDROFORMYLATION PROCESS
(73) Johnson Matthey Davy Technologies Limited
(72) ARCHIBALD, Fraser Robert
JOLLY, Robert Arthur
LOPEZ, Maria del Amo
WELCH, David Keith
(74) ir. W.J.J.M. Kempes
(31) 201907659
(32) 30.05.2019
(33) United Kingdom
(47) 01.05.2024

(51) C07C 51/487
C07C 53/08
C07B 61/00
(11) EP3623359
(21) EP19207190.0
(22) 17.11.2016
(54) METHOD FOR PRODUCING ACETIC ACID
(73) Daicel Corporation
(72) SHIMIZU, Masahiko
SAITO, Ryuji
MIURA, Hiroyuki
(74) dr. R.C. van Duijvenbode c.s.
(31) 2016038582
(32) 01.03.2016
(33) Japan
(47) 29.05.2024

(51) C07C 273/04
B01D 3/00
(11) EP3939963
(21) EP19918753.5
(22) 20.06.2019
(54) UREA PRODUCTION METHOD
(73) Toyo Engineering Corporation
(72) SASAKI, Keigo
(74) dr. R.C. van Duijvenbode c.s.
(31) 2019047277
(32) 14.03.2019
(33) Japan
(47) 22.05.2024

(51) C07C 407/00
C07D 301/19
C07C 409/08
C07D 303/04
(11) EP3730480
(21) EP17935098.8
(22) 27.12.2017
(54) METHOD OF PREPARING ETHYLBENZENE HYDROPEROXIDE BY LIQUID-PHASE PEROXIDATION OF ETHYLBENZENE AND PREPARATION METHOD OF PROPYLENE OXIDE
(73) Wanhua Chemical Group Co., Ltd.
(72) LIU, Ruochen
LIU, Peng
SUN, Qinhe
YU, Tianyong
LI, Xingwei
LANG, Xiaojun
SUN, Xican

DAI, Hongtao
(74) ir. A. Blokland c.s.
(31) 201711390431
(32) 21.12.2017
(33) China
(47) 29.05.2024

(51) C07D 307/68
(11) EP4077293
(21) EP20838011.3
(22) 18.12.2020
(54) THERMAL TREATMENT OF PURIFIED 2,5-FURANDICARBOXYLIC ACID RESULTING CARBOXYLIC ACID COMPOSITION
(73) Furanix Technologies B.V
(72) SIJBEN, Johannes Maria Franciscus
ALMEIDA, Ana Rita Martins Guerreiro Rocha
KOLSTAD, Jeffrey John
DE SOUSA DIAS, Ana Sofia Vagueiro
GONZALEZ JIMENEZ, Ines Dacil
(74) ir. J.C. Volmer c.s.
(31) 19218641
(32) 20.12.2019
(33) European Patent Office (EPO)
(47) 29.05.2024

(51) C07D 405/14
C07D 405/12
A61K 31/44
A61P 35/00
(11) EP3781561
(21) EP19722363.9
(22) 17.04.2019
(54) MODULATORS OF METHYL MODIFYING ENZYMES, COMPOSITIONS AND USES THEREOF
(73) Constellation Pharmaceuticals, Inc.
(72) MOINE, Ludivine
CÔTÉ, Alexandre
STUCKEY, Jacob, I.
GEHLING, Victor, S.
KHANNA, Avinash
(74) ir. W.J.J.M. Kempes
(31) 201862659408 P
(32) 18.04.2018
(33) United States of America
(47) 13.03.2024

(51) C07D 471/04
A61P 35/00
A61K 31/519
(11) EP4141005
(21) EP22176014.3
(22) 07.09.2018
(54) INHIBITORS OF KRAS G12C AND METHODS OF USING THE SAME
(73) Amgen Inc.
(72) GOODMAN, Clifford
REED, Anthony B.
LOW, Jonathan D.
MINATTI, Ana Elena
WANG, Hui-Ling
CEE, Victor J.
LANMAN, Brian Alan
CHEN, Ning
WURZ, Ryan
BOOKER, Shon
(74) ir. W.J.J.M. Kempes
(31) 201762556223 P
(32) 08.09.2017
(33) United States of America
(47) 03.04.2024

(51) C07D 471/04
C07D 487/04
C07D 495/04
(11) EP3160964
(21) EP15732245.4
(22) 26.06.2015
(54) ARYL RECEPTOR MODULATORS AND METHODS OF MAKING AND USING THE SAME
(73) Nogra Pharma Limited
(72) BELLINVIA, Salvatore
VITI, Francesca
DEMARTIS, Salvatore
(74) dr. R.C. van Duijvenbode c.s.
(31) 201462056054 P
201462017959 P
(32) 26.09.2014
27.06.2014
(33) United States of America
United States of America
(47) 13.03.2024

(51) C07D 471/22
C07D 491/22
C07D 497/22
C07D 498/22
A61K 31/55
A61P 31/18
(11) EP4305034
(21) EP23722475.3
(22) 05.04.2023
(54) BRIDGED TRICYCLIC CARBAMOYLPYRIDONE COMPOUNDS AND USES THEREOF
(73) GILEAD SCIENCES, INC.
(72) CHU, Hang
LI, Jiayao
HAN, Xiaochun
YANG, Hong
SCHWARZWALDER, Gregg M.
HURTLEY, Anna E.
VON BARGEN, Matthew J.
SHIVAKUMAR, Devleena M.
JIANG, Lan
WU, Qiaoyin
GONZALEZ BUENROSTRO, Ana Z.
(74) dr. R.C. van Duijvenbode c.s.
(31) 202263476873 P
202263328061 P
(32) 22.12.2022
06.04.2022
(33) United States of America
United States of America
(47) 12.06.2024

(51) C07D 491/056
A61K 31/519
A61K 31/5377
A61P 35/00
(11) EP3750894
(21) EP19751364.1
(22) 25.01.2019
(54) UREA-SUBSTITUTED AROMATIC RING-LINKED DIOXAZOLINE COMPOUND, PREPARATION METHOD THEREFOR, AND USES THEREOF
(73) Beijing Scitech-MQ Pharmaceuticals Limited
(72) YANG, Hailong
LI, Xingfu
ZHANG, Hongbo
YU, Shannan
ZHOU, Likai
WANG, Zhongxiang
XU, Zhanqiang
LIU, Yansheng
ZHANG, Qiang
ZHENG, Nanqiao
HU, Chenming
YANG, Leifu
FENG, Shouye
(74) J.M.H. Duyver lic.
(31) 201810982631
PCT/CN2018/076232
(32) 27.08.2018
11.02.2018
(33) China
World Intellectual Property Office (WIPO)
(47) 03.04.2024

(51) C07F 3/06
C07F 15/02
C07F 15/06
B01J 20/30
B01J 20/22
(11) EP3856748
(21) EP19783902.0
(22) 25.09.2019
(54) METAL-ORGANIC FRAMEWORK PHASE AND CRYSTALLITE SHAPE CONTROL
(73) The Regents of the University of California
ExxonMobil Technology and Engineering Company
(72) FALKOWSKI, Joseph, M.
COLWELL, Kristen
WESTON, Simon, C.
TORRES, Rodolfo
LONG, Jeffrey, R.
(74) ir. F.A. Geurts c.s.
(31) 201862738880 P
(32) 28.09.2018
(33) United States of America
(47) 06.03.2024

(51) C07K 14/32
C12N 15/75
C12P 21/02
(11) EP3585910
(21) EP18708867.9
(22) 22.02.2018
(54) COMPOSITIONS AND METHODS FOR INCREASED PROTEIN PRODUCTION IN BACILLUS LICHENIFORMIS
(73) Danisco US Inc.
(72) HE, Hongxian
LEEFLANG, Chris
KOOPMAN, Frank Wouter
DOIG, Steven D.
KOLKMAN, Marc Anton Bernhard
FRISCH, Ryan L.
(74) ir. W.J.J.M. Kempes
(31) 201762463268 P
(32) 24.02.2017
(33) United States of America

(47) 20.03.2024

(51) C07K 14/435
(11) EP3835310
(21) EP20206702.1
(22) 12.09.2013
(54) FIBRONECTIN BASED SCAFFOLD DOMAIN PROTEINS THAT BIND TO MYOSTATIN
(73) Bristol-Myers Squibb Company
(72) ZHAO, Wenjun
WEI, Hui
CORBETT, Martin, J.
RAMAMURTHY, Vidhyashankar
LIPOVSEK, Dasa
KOZHICH, Alexander, T.
MADIREDDI, Malavi
RAKESTRAW, Ginger, Chao
YAMNIUK, Aaron, P.
ENGLE, Linda
SWAIN, Joanna F.
KRYSTEK, Stanley, Richard, Jr.
CLOAD, Sharon
(74) ir. H.A. Witmans c.s.
(31) 201361780005 P
201261700697 P
(32) 13.03.2013
13.09.2012
(33) United States of America
United States of America
(47) 20.03.2024

(51) C07K 14/54
(11) EP4314031
(21) EP23707184.0
(22) 15.02.2023
(54) MASKED IL12 PROTEIN
(73) Tagworks Pharmaceuticals B.V.
(72) DEN BROK, Martijn Hendrikus Martinus Gerardus Maria
VERSTEEGEN, Ronny Mathieu
ZIJLMANS, Lucas Hendricus Maria
ROSSIN, Raffaella
ROBILLARD, Marc Stefan
WOUTERS, Lieke Willemijn Maria
DE ROODE, Kim Elisa
KLEIJN, Laurens Henri Johan
(74) ir. H.A. Witmans c.s.
(31) 22205062
22166385
22156758
(32) 02.11.2022
01.04.2022
15.02.2022
(33) European Patent Office (EPO)
European Patent Office (EPO)
European Patent Office (EPO)
(47) 13.03.2024

(51) C07K 16/00
C07K 16/24
C07K 16/28
(11) EP3411398
(21) EP17704697.6
(22) 06.02.2017
(54) TARGETED THERAPEUTIC AGENTS AND USES THEREOF
(73) VIB VZW
Orionis Biosciences BV
Universiteit Gent
(72) TAVERNIER, Jan
KLEY, Nikolai
(74) ir. W.J.J.M. Kempes
(31) 201662411805 P
201662353607 P
201662336030 P
201662335979 P
201662335968 P
201662335965 P
201662335880 P
201662291779 P
201662291776 P
201662291774 P
201662291772 P
201662291769 P
(32) 24.10.2016
23.06.2016
13.05.2016
13.05.2016
13.05.2016
13.05.2016
13.05.2016
05.02.2016
05.02.2016
05.02.2016
05.02.2016
05.02.2016
(33) United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
United States of America
(47) 03.04.2024

(51) C07K 16/00
C07K 16/28
C07K 16/36
A61K 39/395
(11) EP2943506
(21) EP13700218.4
(22) 10.01.2013
(54) HUMAN IGG1 FC REGION VARIANTS AND USES THEREOF
(73) Genmab B.V.
(72) SCHUURMAN, Janine
DE JONG, Rob, N.
BEURSKENS, Frank
PARREN, Paul
LABRIJN, Aran, Frank
VERPLOEGEN, Sandra
(74) ir. F.A. Geurts c.s.
(47) 13.03.2024

(51) C07K 16/18
A61K 39/395
(11) EP3529274
(21) EP17862072.0
(22) 17.10.2017
(54) A MONOCLONAL ANTIBODY AND A METHOD OF USE FOR THE TREATMENT OF LUPUS
(73) Biocon Limited
(72) MELARKODE, Ramakrishnan
NAIR, Pradip
SADASHIVARAO, Ravindra, Belavinakodige
(74) M.A.T. Beck MSc LL.B
(31) 201641036145
(32) 21.10.2016
(33) India
(47) 17.04.2024

(51) C07K 16/28
A61K 39/395
A61P 35/00
(11) EP3389699
(21) EP16876612.9
(22) 14.12.2016
(54) CHIMERIC AND HUMANIZED ANTI-HUMAN CTLA4 MONOCLONAL ANTIBODIES AND USES THEREOF
(73) OncoC4, Inc.
(72) ZHENG, Pan
DEVENPORT, Martin
LIU, Yang
(74) ir. A. Blokland c.s.
(31) 201662359036 P
201662309169 P
201562267735 P
(32) 06.07.2016
16.03.2016
15.12.2015
(33) United States of America
United States of America
United States of America
(47) 01.05.2024

(51) C07K 16/28
C07K 16/30
C07K 16/32
A61P 35/00
(11) EP3608337
(21) EP19172443.4
(22) 03.08.2015
(54) BISPECIFIC T CELL ACTIVATING ANTIGEN BINDING MOLECULES
(73) F. Hoffmann-La Roche AG
(72) UMAÑA, Pablo
SCHAEFER, Wolfgang
KLOSTERMANN, Stefan
IMHOF-JUNG, Sabine
KLEIN, Christian
REGULA, Joerg Thomas
AST, Oliver
BACAC, Marina
MOLHOJ, Michael
NEUMANN (formally JAEGER), Christiane
(74) drs. C.M.A. Quintelier
(31) 15170866
14179764
(32) 05.06.2015
04.08.2014
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 17.04.2024

(51) C08F 4/659
C08F 4/64
C08F 210/16
C08F 4/6592
(11) EP3838929
(21) EP20214639.5
(22) 26.09.2017

(54) BIOMODAL POLYMERIZATION CATALYSTS
(73) Univation Technologies, LLC
(72) LYNN, Timothy R.
MURE, Cliff R.
(74) ir. W.J.J.M. Kempes
(31) 201662402592 P
(32) 30.09.2016
(33) United States of America
(47) 29.05.2024

(51) C08F 114/26
C08F 8/50
C08J 3/28
(11) EP4103627
(21) EP20842038.0
(22) 21.12.2020
(54) METODO PER PRODURRE POLITETRAFLUOROETILENE (PTFE) A BASSO PESO MOLECOLARE, E PTFE A BASSO PESO MOLECOLARE
(73) GUARNIFLON S.P.A.
(72) FARIMBELLA, Alberto
MARCORA, Giovanni
ZARANTONELLO, Camillo
(74) dr. A. Ellens c.s.
(31) 201900024871
(32) 19.12.2019
(33) Italy
(47) 03.04.2024

(51) C08F 210/02
C08F 299/00
C08L 23/08
C08F 4/659
(11) EP3237467
(21) EP15832972.2
(22) 23.12.2015
(54) ETHYLENE-BASED INTERPOLYMERS AND COMPOSITION COMPRISING THE SAME
(73) Dow Global Technologies LLC
(72) EWART, Sean W.
PEARSON, David M.
SUN, Lixin
SPENCER, Liam P.
(74) ir. W.J.J.M. Kempes
(31) 201462095811 P
(32) 23.12.2014
(33) United States of America
(47) 22.05.2024

(51) C08F 265/04
C09D 151/00
(11) EP3433293
(21) EP16723546.4
(22) 21.03.2016
(54) POLYMER LATEX FOR DIP-MOLDING APPLICATIONS
(73) Synthomer Sdn. Bhd.
(72) KELLS, Andrew
SHAW, Peter
BUTZ, Sören
SIMPSON, Gareth
ABELE, Alexandra
SAUNDERS, Brian
(74) dr. R.C. van Duijvenbode c.s.
(47) 08.05.2024

(51) C08G 63/08
(11) EP3798247
(21) EP20206268.3
(22) 12.02.2016
(54) PROCESS AND SYSTEM FOR PRODUCTION OF POLYPROPIOLACTONE
(73) Novomer, Inc.
(72) SHERRY, Kyle
GALEBACH, Peter
FARMER, Jay, J.
SOOKRAJ, Sadesh H.
(74) mr. R. Zwamborn
(31) 201562116326 P
(32) 13.02.2015
(33) United States of America
(47) 17.04.2024

(51) C08G 65/40
B01J 41/13
C08G 75/23
C08J 5/22
C25B 13/08
H01M 8/1025
H01M 8/1072
(11) EP4032934
(21) EP21152487.1
(22) 20.01.2021
(54) POLYMERIC ANION-CONDUCTING COMPOUND, ITS PREPARATION AND ITS USE IN ELECTROCHEMISTRY
(73) Evonik Operations GmbH
(72) RÖGL, Harald
MALJUSCH, Artjom
CONRADI, Oliver
(74) ir. W.J.J.M. Kempes
(47) 20.03.2024

(51) C08H 1/06
C08L 89/06
(11) EP4153662
(21) EP21724526.5
(22) 19.05.2021
(54) LOW ENDOTOXIN GELATIN-(METH)ACRYLOYL
(73) Rousselot BV
(72) VERGAUWEN, Bjorn
DE CLERCK, Elke
(74) dr. A. Ellens c.s.
(31) 202005347
(32) 19.05.2020
(33) Belgium
(47) 03.04.2024

(51) C08J 5/18
C08L 67/02
(11) EP3344687
(21) EP16767027.2
(22) 31.08.2016
(54) POLYESTER FILM CONTAINING FURANDICARBOXYLATE UNIT
(73) TOYOBO CO., LTD.
Furanix Technologies B.V
(72) VAN BERKEL, Jesper Gabriel
ITO, Katsuya
GYOBU, Shoichi
MORISHIGE, Chikao
INAGAKI, Jun
SHIMIZU, Toshiyuki
(74) dr. R.C. van Duijvenbode c.s.
(31) PCT/JP2015/005370
PCT/JP2015/004625
PCT/JP2015/004466
(32) 26.10.2015
10.09.2015
02.09.2015
(33) World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
World Intellectual Property Office (WIPO)
(47) 22.05.2024

(51) C08J 11/28
C08C 19/08
C08K 5/14
C08K 5/21
C08J 11/22
B29B 7/46
(11) EP4240792
(21) EP22728298.5
(22) 03.06.2022
(54) DEVULCANIZING ADDITIVE, RELATIVE METHOD OF DEVULCANIZATION AND DEVULCANIZED PRODUCT
(73) Rubber Conversion S.r.l.
(72) FOCHESATO COLOMBANI, Filippo
(74) J.M.H. Duyver Iic.
(31) 202100014606
(32) 04.06.2021
(33) Italy
(47) 03.04.2024

(51) C08K 5/10
C09D 5/16
C08L 83/04
(11) EP2744856
(21) EP12750581.6
(22) 15.08.2012
(54) FOULING-RESISTANT COMPOSITION COMPRISING STEROLS AND/OR DERIVATIVES THEREOF
(73) Akzo Nobel Coatings International B.V.
(72) TYSON, Brent, Vickers
REYNOLDS, Kevin, John
(74) ir. W.J.J.M. Kempes
(31) 201161525016 P
201161524990 P
11177899
11177897
(32) 18.08.2011
18.08.2011
18.08.2011
18.08.2011
(33) United States of America
United States of America
European Patent Office (EPO)
European Patent Office (EPO)
(47) 20.03.2024

(51) C08L 23/12
C08L 23/14
(11) EP3487927
(21) EP17751031.0
(22) 14.07.2017
(54) STIFF PROPYLENE COMPOSITION WITH GOOD DIMENSIONAL STABILITY AND EXCELLENT SURFACE APPEARANCE
(73) Borealis AG
(72) MILEVA, Daniela
GRESTENBERGER, Georg
LUMMERSTORFER, Thomas
(74) drs. O. Griebling
(31) 16181015
(32) 25.07.2016
(33) European Patent Office (EPO)

(47) 27.03.2024

(51) C08L 33/20
(11) EP3771729
(21) EP20188754.4
(22) 30.07.2020
(54) THERMOPLASTIC RESIN COMPOSITION AND MOLDED PRODUCT USING THE SAME
(73) Lotte Chemical Corporation
(72) KWON, Keehae
KIM, Jungwook
KANG, Seongwoo
PARK, Jieun
(74) ir. A. Blokland c.s.
(31) 20190093446
(32) 31.07.2019
(33) Korea (Republic)
(47) 27.03.2024

(51) C09D 7/42
C09D 7/40
C09D 5/00
(11) EP3898854
(21) EP19836230.3
(22) 09.12.2019
(54) LOW SPECULAR REFLECTANCE SURFACE AND COATING COMPOSITION
(73) Eastman Kodak Company
(72) LOFFTUS, Kevin D.
(74) ir. G.P. den Braber
(31) 201816228853
201816228870
201816228881
(32) 21.12.2018
21.12.2018
21.12.2018
(33) United States of America
United States of America
United States of America
(47) 10.04.2024

(51) C09D 11/10
C09D 11/14
C09D 11/322
C09D 11/38
(11) EP3246366
(21) EP17000844.5
(22) 17.05.2017
(54) AQUEOUS INK, INK CARTRIDGE, AND INK JET RECORDING METHOD
(73) CANON KABUSHIKI KAISHA
(72) Horiuchi, Takayuki
Furuse, Tsuyoshi
Yamasaki, Kousuke
Yamashita, Otome
Miyamachi, Naotoshi
Shimomura, Naofumi
Kishi, Hiromitsu
Ebine, Masaru
Kobayashi, Satoru
Kasai, Tsuyoshi
Omagari, Toshihiro
Hayashi, Katsuhiro
(74) J.M.H. Duyver lic.
(31) 2017085085
2016101646
(32) 24.04.2017
20.05.2016
(33) Japan
Japan
(47) 10.04.2024

(51) C09D 11/10
C09D 11/14
C09D 11/322
C09D 11/38
C09D 11/107
(11) EP3246367
(21) EP17000845.2
(22) 17.05.2017
(54) AQUEOUS INK, INK CARTRIDGE, AND INK JET RECORDING METHOD
(73) CANON KABUSHIKI KAISHA
(72) Nagashima, Hitoshi
Mizutani, Takakazu
Kamo, Hisao
Oguri, Isamu
Okamura, Daiji
Okumura, Kouichirou
Miyabe, Masahito
Hakamada, Shin-ichi
Gouda, Keigo
(74) J.M.H. Duyver lic.
(31) 2017085086
2016101647
(32) 24.04.2017
20.05.2016
(33) Japan
Japan
(47) 10.04.2024

(51) C09J 7/40
B44C 1/17
(11) EP3502204
(21) EP19151931.3
(22) 20.03.2015
(54) FACELESS LABELS AND RELATED SYSTEMS AND METHODS
(73) Avery Dennison Corporation
(72) Wu, Di
Wiegers, Ronald
(74) dr. R.C. van Duijvenbode c.s.
(31) 201461968565 P
(32) 21.03.2014
(33) United States of America
(47) 08.05.2024

(51) C09J 175/04
C08G 18/75
C08G 18/50
C08G 18/52
C08G 18/67
C08G 18/10
C08G 75/02
C08G 18/24
(11) EP3470486
(21) EP18200345.9
(22) 06.03.2015
(54) MICHAEL ACCEPTOR-TERMINATED URETHANE-CONTAINING FUEL RESISTANT PREPOLYMERS AND COMPOSITIONS THEREOF
(73) PRC-Desoto International, Inc.
(72) LIN, Renhe
KELEDJIAN, Raquel A.
ITO, Marfi
(74) dr. W.A.H.M. Van Borm
(31) 201414200569
(32) 07.03.2014
(33) United States of America
(47) 22.05.2024

(51) C10G 1/10
(11) EP4048757
(21) EP20842444.0
(22) 17.12.2020
(54) PRODUCTION OF LIQUID HYDROCARBONS FROM POLYOLEFINS BY SUPERCRITICAL WATER
(73) Saudi Arabian Oil Company
(72) ALNASIR, Ali, S.
CHOI, Ki-Hyouk
ALBAHAR, Mohammed, Z.
(74) ir. H.A. Witmans c.s.
(31) 201916716999
(32) 17.12.2019
(33) United States of America
(47) 20.03.2024

(51) C10G 3/00
C10L 1/02
C10G 2/00
C10G 45/58
(11) EP4098719
(21) EP22187259.1
(22) 18.11.2020
(54) A HYDROCARBON COMPOSITION
(73) Neste Oyj
(72) Suppula, Janne
Vilja, Jesse
Sandberg, Kati
Sippola, Väinö
(74) J.M.H. Duyver lic.
(31) 20195987
(32) 19.11.2019
(33) Finland
(47) 17.04.2024

(51) C10L 3/08
C07C 1/12
C07C 9/04
C12P 5/02
(11) EP4061912
(21) EP19832721.5
(22) 19.11.2019
(54) PLANT FOR PRODUCING METHANE
(73) Arkolia Energies
(72) VIALA, Audrey
HATTOU, Stéphane
BONHOMME, Laurent
SCUDELLER, Mickaël
(74) ir. A. Blokland c.s.
(47) 06.03.2024

(51) C10M 101/02
C10M 109/02
C10M 171/02
C10G 50/02
C10G 69/12
C10N 20/02
C10N 20/04
C10N 30/02
C10N 30/10
C10N 40/04
C10N 60/02
C10N 70/00
(11) EP3374474
(21) EP16798313.9
(22) 24.10.2016
(54) HIGH VISCOSITY BASE STOCK COMPOSITIONS

(73) ExxonMobil Technology and Engineering Company
(72) OUMAR-MAHAMAT, Halou
BAKER, Jr., Charles L.
LUO, Shuji
HO, Suzzy C.
(74) J.M.H. Duyver Iic.
(31) 201562254756 P
(32) 13.11.2015
(33) United States of America
(47) 24.04.2024

(51) C10M 169/04
(11) EP3325584
(21) EP16744710.1
(22) 22.07.2016
(54) MARINE DIESEL CYLINDER LUBRICANT OIL COMPOSITIONS
(73) Chevron Oronite Technology B.V.
(72) BOONS, Cornelis Hendrikus Maria
(74) dr. R.C. van Duijvenbode c.s.
(31) 201562195472 P
(32) 22.07.2015
(33) United States of America
(47) 03.04.2024

(51) C11D 3/22
(11) EP4165154
(21) EP21734734.3
(22) 09.06.2021
(54) A LAUNDRY CARE OR DISH CARE COMPOSITION COMPRISING A POLY ALPHA-1,6-GLUCAN DERIVATIVE
(73) The Procter & Gamble Company
(72) ADELMAN, Douglas
FLITER, Kristine Lynn
GOOD, David
HUANG, Zheng-Zheng
SIVIK, Mark Robert
FAIRWEATHER, Neil Thomas
SI, Gang
LU, Helen
(74) ir. W.J.J.M. Kempes
(31) 202063037010 P
20180305
(32) 10.06.2020
16.06.2020
(33) United States of America
European Patent Office (EPO)
(47) 08.05.2024

(51) C12C 11/11
C12G 3/005
C12G 3/06
B67D 1/00
C12H 3/04
(11) EP4150041
(21) EP21723778.3
(22) 11.05.2021
(54) PROCESS OF MANUFACTURING A PACKAGED LIQUID BEER CONCENTRATE
(73) Heineken Supply Chain B.V.
(72) BROUWER, Eric Richard
BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert
(74) dr. R.C. van Duijvenbode c.s.
(31) 20203689
20175077
(32) 23.10.2020
15.05.2020
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 22.05.2024

(51) C12M 1/32
B01L 3/00
C12M 1/00
(11) EP3283613
(21) EP16717348.3
(22) 15.04.2016
(54) SYSTEM FOR PROPAGATING CELLS
(73) Insphero AG
(72) NIGGEMANN, Bjoern
KELM, Jens
MORITZ, Wolfgang
LICHTENBERG, Jan
(74) M.A.T. Beck MSc LL.B
(31) 201506445
(32) 16.04.2015
(33) United Kingdom
(47) 01.05.2024

(51) C12N 1/21
C12N 15/52
C12P 13/08
C07K 14/34
(11) EP3106516
(21) EP14882402.2
(22) 25.04.2014
(54) RECOMBINANT MICROORGANISM OF GENUS ESCHERICHIA WITH L-THREONINE PRODUCTIVITY, AND METHOD FOR PRODUCING L-THREONINE USING SAME
(73) CJ Cheiljedang Corporation
(72) KOH, Eun Sung
LEE, Ji Sun
HWANG, Young Bin
HONG, Hyeong Pyo
KWON, Su Yon
LEE, Keun Cheol
KIM, Hyung Joon
(74) dr. R.C. van Duijvenbode c.s.
(31) PCT/KR2014/001154
(32) 12.02.2014
(33) World Intellectual Property Office (WIPO)
(47) 05.06.2024

(51) C12N 5/0783
C07K 14/05
A61K 35/17
A61K 39/00
A61P 35/00
(11) EP3886894
(21) EP19824223.2
(22) 29.11.2019
(54) METHODS FOR DOSING AND TREATMENT OF B CELL MALIGNANCIES IN ADOPTIVE CELL THERAPY
(73) Juno Therapeutics, Inc.
(72) DUBOVSKY, Jason A.
THORPE, Jerill
GILLENWATER, Heidi
ALBERTSON, Tina
(74) ir. H.A. Witmans c.s.
(31) 201962931143 P
201962854957 P
201962847897 P
201862774858 P
201862774168 P
(32) 05.11.2019
30.05.2019
14.05.2019
03.12.2018
30.11.2018
(33) United States of America
United States of America
United States of America
United States of America
United States of America
(47) 13.03.2024

(51) C12N 7/00
C12N 15/09
C12P 19/34
C12Q 1/6827
(11) EP3541934
(21) EP17871912.6
(22) 17.11.2017
(54) METHODS FOR PREPARING DNA REFERENCE MATERIAL AND CONTROLS
(73) LGC Clinical Diagnostics, Inc.
(72) KONIGSHOFER, Yves
(74) ir. W.J.J.M. Kempes
(31) 201662423574 P
(32) 17.11.2016
(33) United States of America
(47) 10.04.2024

(51) C12N 9/16
C12P 21/00
A61K 38/46
(11) EP3219795
(21) EP16203748.5
(22) 16.01.2009
(54) MANUFACTURE OF ACTIVE HIGHLY PHOSPHORYLATED HUMAN LYSOSOMAL SULFATASE ENZYMES AND USES THEREOF
(73) BioMarin Pharmaceutical Inc.
(72) DVORAK-EWELL, Melita
VELLARD, Michel Claude
KOPPAKA, Vish
PUNGNOR, Erno
HAGUE, Charles
(74) ir. W.J.J.M. Kempes
(31) 110246 P
99373 P
22179 P
(32) 31.10.2008
23.09.2008
18.01.2008
(33) United States of America
United States of America
United States of America
(47) 13.03.2024

(51) C12N 9/26
(11) EP4269578
(21) EP23191930.9
(22) 06.03.2009
(54) SOLUBLE HYALURONIDASE COMPOSITION
(73) Halozyme, Inc.
(72) Baker, David
Bookbinder, Louis
(74) dr. ir. F.M. van Bouwelen
(31) 6862208 P
(32) 06.03.2008
(33) United States of America

(47) 05.06.2024
(51) C12N 9/82
(11) EP3642340
(21) EP18731853.0
(22) 21.06.2018
(54) MODIFIED L-ASPARAGINASE
(73) Jazz Pharmaceuticals Ireland Limited
(72) FRIEDRICH, Lars
O'DONNELL, Anne
(74) dr. R.C. van Duijvenbode c.s.
(31) 201715671086
201762523061 P
17177237
(32) 07.08.2017
21.06.2017
21.06.2017
(33) United States of America
United States of America
European Patent Office (EPO)
(47) 20.03.2024
(51) C12N 15/82
A01N 43/90
C12N 9/02
(11) EP3344775
(21) EP16842539.5
(22) 08.08.2016
(54) METHODS AND COMPOSITIONS FOR HERBICIDE TOLERANCE IN PLANTS
(73) Monsanto Technology LLC
(72) MOSHIRI, Farhad
ZHOU, Xuefeng
EVDOKIMOV, Artem G.
LARUE, Clayton T.
REAM, Joel E.
(74) ir. W.J.J.M. Kempes
(31) 201615228993
201662323852 P
201562212716 P
(32) 04.08.2016
18.04.2016
01.09.2015
(33) United States of America
United States of America
United States of America
(47) 20.03.2024
(51) C12P 21/00
C12M 1/00
C12N 5/00
(11) EP3926051
(21) EP21179944.0
(22) 04.06.2015
(54) METHODS FOR HARVESTING MAMMALIAN CELL CULTURES
(73) Amgen Inc.
(72) SABO, Nicole
COLE, Sean
THARMALINGAM, Tharmala
LULL, Jonathan Craig
GOUDAR, Chetan
LIN, Henry
(74) dr. R.C. van Duijvenbode c.s.
(31) 201462007588 P
(32) 04.06.2014
(33) United States of America
(47) 08.05.2024
(51) C12Q 1/68
C12Q 1/6806
C12Q 1/6827
C12Q 1/6844
C12Q 1/6855
C12Q 1/6858
C12Q 1/686
C12Q 1/6869
C12P 19/34
(11) EP4183886
(21) EP22217020.1
(22) 28.01.2019
(54) METHOD FOR NUCLEIC ACID AMPLIFICATION
(73) St. Jude Children's Research Hospital, Inc.
(72) GONZALEZ-PENA, Veronica
GAWAD, Charles
EASTON, John
(74) J.M.H. Duyver lic.
(31) 201862623471 P
(32) 29.01.2018
(33) United States of America
(47) 17.04.2024
(51) C12Q 1/6858
C12Q 1/6886
G01N 33/48
(11) EP3865590
(21) EP20215800.2
(22) 09.09.2010
(54) USE OF MICROVESICLES IN ANALYZING KRAS MUTATIONS
(73) The General Hospital Corporation
(72) BREAKEFIELD, Xandra O.
SKOG, Johan Karl Olov
(74) dr. R.C. van Duijvenbode c.s.
(31) 24102009 P
(32) 09.09.2009
(33) United States of America
(47) 10.04.2024
(51) C12Q 1/6895
(11) EP4032985
(21) EP21215711.9
(22) 31.10.2014
(54) MICROPEPTIDES AND USE THEREOF FOR MODULATING GENE EXPRESSION
(73) Centre National de la Recherche Scientifique
Université Paul Sabatier Toulouse III
(72) PAYRE, François
CAVAILLE, Jérôme
COMBIER, Jean-Philippe
LAURESSERGUES, Dominique
BECARD, Guillaume
PLAZA, Serge
(74) dr. A. Ellens c.s.
(31) 1455044
1360727
(32) 03.06.2014
31.10.2013
(33) France
France
(47) 13.03.2024
(51) C14C 1/06
C14C 1/08
C14C 3/10
C14C 3/28
(11) EP4180541
(21) EP22207624.2
(22) 15.11.2022
(54) METHOD FOR OBTAINING A TANNED PRODUCT
(73) Cyclica S.r.l.
(72) TOFFANIN, Pietro
TOFFANIN, Simone
TOFFANIN, Davide
CADAMURO, Omar
(74) ir. W.J.J.M. Kempes
(31) 202100028940
(32) 15.11.2021
(33) Italy
(47) 15.05.2024
(51) C21D 8/04
C21D 9/48
C21D 1/78
C21D 6/00
C21D 1/25
C22C 38/00
C22C 38/02
C22C 38/04
C22C 38/06
C22C 38/12
C22C 38/14
C22C 38/18
C21D 1/26
(11) EP3720980
(21) EP18812305.3
(22) 21.11.2018
(54) COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME
(73) ArcelorMittal
(72) ZHU, Kangying
JUNG, Coralie
PERLADE, Astrid
KEGEL, Frédéric
(74) dr. R.C. van Duijvenbode c.s.
(31) PCT/IB2017/001517
(32) 05.12.2017
(33) World Intellectual Property Office (WIPO)
(47) 15.05.2024
(51) C23C 2/02
C21D 1/76
C23C 2/06
C23C 2/28
C23C 2/40
C21D 9/56
C23C 28/02
C21D 9/46
(11) EP3701058
(21) EP18797150.2
(22) 19.10.2018
(54) A METHOD FOR THE MANUFACTURE OF A GALVANNEALED STEEL SHEET
(73) ArcelorMittal
(72) GHASSEMI-ARMAKI, Hassan
CHAKRABORTY, Anirban
(74) dr. R.C. van Duijvenbode c.s.
(31) PCT/IB2017/001279
(32) 24.10.2017
(33) World Intellectual Property Office (WIPO)
(47) 15.05.2024
(51) C23F 1/14
C01B 15/08
H05K 3/38
C09G 1/00
B01D 53/14
B01D 53/50

C01B 17/62
C01B 17/64
(11) EP3397793
(21) EP16882343.3
(22) 16.12.2016
(54) SULFUR DIOXIDE SCRUBBING SYSTEM AND PROCESS FOR PRODUCING POTASSIUM PRODUCTS
(73) Tessenderlo Kerley, Inc.
(72) GOLDSMITH, Adam T.
LOCKHART, Constance Lynn Frank
DIMITRIADIS, Alexandros
CLARKSON, Mark P.
SHULT, Nicholas S.
VAN CAUWENBERGH, Jeroen
KOMINSKI, Harry Charles
HOJJATIE, Michael Massoud
(74) drs. W.H.P. Derks
(31) 201615380702
201562273389 P
(32) 15.12.2016
30.12.2015
(33) United States of America
United States of America
(47) 13.03.2024

(51) D01F 6/46
D01F 6/90
D01F 6/92
D01F 1/10
D01D 5/08
D01D 5/12
D01F 1/09
C08K 3/08
(11) EP2985370
(21) EP14782688.7
(22) 11.04.2014
(54) POLYMER/FILLER/METAL COMPOSITE FIBER AND PREPARATION METHOD THEREOF
(73) China Petroleum&Chemical Corporation
Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation
(72) WANG, Liangshi
LAI, Jinmei
ZHANG, Hongbin
CAI, Chuanlun
ZHANG, Xiaohong
ZHU, Yilei
JIANG, Haibin
GAO, Jianming
CHEN, Gang
WANG, Xiang
QI, Guicun
SONG, Zhihai
WANG, Ya
LI, Binghai
QIAO, Jinliang
(74) dr. ir. F.M. van Bouwelen
(31) 201310128266
201310127994
201310128099
201310128100
201310127922
(32) 12.04.2013
12.04.2013
12.04.2013
12.04.2013
12.04.2013
(33) China
China
China
China
China
(47) 15.05.2024

(51) D02G 3/04
D02G 3/10
D02G 3/36
D01B 9/00
(11) EP3819412
(21) EP20814070.7
(22) 29.05.2020
(54) ANIMAL LEATHER FIBER BUNDLE HAVING NANOSCALE BRANCHES, YARN, CORE-SPUN YARN AND PRODUCT
(73) Guangdong Wuyuan New Material Technology Group Co., Ltd.
(72) ZHANG, Liwen
(74) dr. A. Krebs
(31) 202010441933
201910446876
(32) 22.05.2020
27.05.2019
(33) China
China
(47) 20.03.2024

(51) D04H 1/587
D04H 1/64
D04H 1/4218
B32B 5/02
B32B 5/18
B32B 5/24
B32B 13/14
B32B 17/02
B32B 27/12
E04C 2/24
E04B 1/80
(11) EP4069900
(21) EP20828475.2
(22) 01.12.2020
(54) COMPOSITE NONWOVEN MAT WITH COATING LAYER
(73) Owens Corning Intellectual Capital, LLC
(72) KOWALSKI, Benjamin J.
POLEN, Shane M.
WU, Jianhui
(74) ir. W.J.J.M. Kempes
(31) 201962944784 P
(32) 06.12.2019
(33) United States of America
(47) 22.05.2024

(51) D06F 73/00
(11) EP3916148
(21) EP20217950.3
(22) 31.12.2020
(54) IRONING MACHINE WITH ADJUSTABLE IRONING ANGLE
(73) Ningbo Kaibo Intelligent Ironing Electric Appliance Manufacturing Co., Ltd.
(72) YAN, Jiebo
LIN, Huomu
(31) 202010481047
(32) 31.05.2020
(33) China
(47) 27.03.2024

(51) D21H 11/14
A01G 13/02
(11) EP4074890
(21) EP22168042.4
(22) 12.04.2022
(54) COMPOSITION, PLANT MATRIX PELLET AND MANUFACTURING METHOD
(73) Hydrofib
(72) BOEUF, Jean-Michel
(74) ir. A. Blokland c.s.
(31) 2103795
(32) 13.04.2021
(33) France
(47) 13.03.2024

(51) E03C 1/04
(11) EP3981925
(21) EP21201262.9
(22) 06.10.2021
(54) LIQUID DISPENSING FITTING AND LIQUID DISPENSING SYSTEM
(73) BLANCO GmbH + Co KG
(72) Stenvers, Olaf
Stupp, Johannes
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020212802
(32) 09.10.2020
(33) Germany
(47) 06.03.2024

(51) E04D 13/03
(11) EP4134498
(21) EP22189734.1
(22) 10.08.2022
(54) IMPROVED ROOF WINDOW
(73) Godest F.T.
(72) GODEST, Yvon
(74) ir. W.J.J.M. Kempes
(31) 2108670
(32) 12.08.2021
(33) France
(47) 17.04.2024

(51) E04D 13/04
(11) EP4119737
(21) EP22180168.1
(22) 21.06.2022
(54) RETAINING DEVICE IN PARTICULAR FOR THE DRAINAGE OF FLAT ROOFS
(73) Karl-Heinz Lange GmbH & Co. KG
(72) Lange, Karl-Heinz
Lange, Ralf
(74) dr. R.C. van Duijvenbode c.s.
(31) 102021118430
(32) 16.07.2021
(33) Germany
(47) 15.05.2024

(51) E04D 13/064
E04F 11/18
(11) EP3812531
(21) EP19204645.6
(22) 22.10.2019
(54) PROFILE SYSTEM FOR HOLDING A FLAT ELEMENT
(73) Hertkorn, Regina
(72) Bangratz, René
(74) ir. W.J.J.M. Kempes
(47) 01.05.2024

(51) E04F 10/02

E04F 10/06
(11) EP3985199
(21) EP21201514.3
(22) 07.10.2021
(54) RAIL ARRANGEMENT FOR AWNINGS AND AWNING EQUIPPED THEREWITH
(73) markilux GmbH + Co. KG
(72) Becks, Daniel
Kröner, Sven
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020213043
(32) 15.10.2020
(33) Germany
(47) 27.03.2024

(51) E04F 10/02
E06B 9/174
E06B 9/50
(11) EP4030015
(21) EP21209924.6
(22) 23.11.2021
(54) BEARING ASSEMBLY FOR A DRIVE DISC AND AWNING EQUIPPED THEREWITH
(73) markilux GmbH + Co. KG
(72) Kröner, Sven
Becks, Daniel
(74) ir. J.C. Volmer c.s.
(31) 102021200410
(32) 18.01.2021
(33) Germany
(47) 24.04.2024

(51) E04F 15/02
E04F 15/04
E04F 15/10
(11) EP3981931
(21) EP21206764.9
(22) 07.12.2015
(54) PANEL WITH HOOK-SHAPED LOCKING SYSTEM
(73) I4F LICENSING NV
(72) HANNIG, Hans-Jürgen
(74) ir. H.Th. van den Heuvel c.s.
(31) 14196822
(32) 08.12.2014
(33) European Patent Office (EPO)
(47) 03.04.2024

(51) E04F 15/02
E04F 15/10
(11) EP4189193
(21) EP21749214.9
(22) 27.07.2021
(54) PANEL AND COVERING
(73) I4F LICENSING NV
(72) BOUCKÉ, Eddy Alberic
(74) ir. H.Th. van den Heuvel c.s.
(31) 2026559
2026188
2026191
PCT/EP2021/070758
(32) 28.09.2020
31.07.2020
31.07.2020
23.07.2021
(33) Netherlands
Netherlands
Netherlands
World Intellectual Property Office (WIPO)
(47) 03.04.2024

(51) E04H 17/20
(11) EP3848539
(21) EP21150667.0
(22) 08.01.2021
(54) FENCE POST FOR A FENCE AND FENCE EQUIPPED THEREWITH
(73) Van Houtven, Björn Marc E.
(72) Van Houtven, Björn Marc E.
(31) 202005014
(32) 09.01.2020
(33) Belgium
(47) 29.05.2024

(51) E05B 15/10
E05B 17/00
E05C 9/18
(11) EP4163462
(21) EP22197715.0
(22) 26.09.2022
(54) LOCK WITH A LOCK CASE AND A STRIKING PLATE TO BE ARRANGED OPPOSITE THE LOCK CASE
(73) Aug. Winkhaus GmbH & Co. KG
(72) Spittel, Christian
Polster, Mario
(74) ir. W.J.J.M. Kempes
(31) 102021211104
(32) 01.10.2021
(33) Germany
(47) 01.05.2024

(51) E05D 13/00
E05D 15/24
(11) EP3943699
(21) EP21177032.6
(22) 01.06.2021
(54) GARAGE DOOR AND METHOD FOR INSTALLING A GARAGE DOOR
(73) Doco International B.V. NL
(72) Stadhouders, John Cornelia Johannes
Gollmer, Werner
Blom, Robert
(74) dr. R.C. van Duijvenbode c.s.
(31) 102020119523
(32) 23.07.2020
(33) Germany
(47) 22.05.2024

(51) E06B 9/60
E06B 9/74
(11) EP3902971
(21) EP19829624.6
(22) 23.12.2019
(54) ROTATION DRIVE SYSTEM FOR A ROLLING DEVICE FOR A ROLL-TYPE CLOSURE
(73) Zurflüh-Feller
(72) MARCASSOLI, Arnaud
BROGLY, Sébastien
(74) dr. R.C. van Duijvenbode c.s.
(31) 1874123
(32) 24.12.2018
(33) France
(47) 17.04.2024

(51) E21B 17/05
F16L 39/06
B63B 21/50
(11) EP3460170
(21) EP18196468.5
(22) 25.09.2018
(54) AXIAL FACE SEAL SYSTEM
(73) OneSubsea IP UK Limited
(72) OEDEGAARD, Jens R.
(74) ir. A. Blokland c.s.
(31) 201715716153
(32) 26.09.2017
(33) United States of America
(47) 13.03.2024

(51) E21B 23/01
E21B 29/02
E21B 33/13
(11) EP4232688
(21) EP21794500.5
(22) 14.10.2021
(54) WELL TOOL DEVICE FOR TRANSPORTING A HEAT GENERATING MIXTURE INTO A WELL PIPE
(73) Interwell Norway AS
(72) HIORTH, Espen
(74) ir. J.C. Volmer c.s.
(31) 20201128
(32) 20.10.2020
(33) Norway
(47) 01.05.2024

(51) E21B 37/08
E21B 21/00
E21B 33/13
E21B 37/00
E21B 43/11
(11) EP3698015
(21) EP18867925.2
(22) 17.10.2018
(54) A SYSTEM AND METHOD OF CLEANING AN ANNULAR AREA IN A WELL
(73) Hydra Systems AS
(72) MYHRE, Morten
LARSEN, Arne Gunnar
ØSTVOLD, Arnold
(74) ir. A. Blokland c.s.
(31) 20171650
(32) 17.10.2017
(33) Norway
(47) 22.05.2024

(51) E21B 43/16
E21B 43/20
E21B 43/38
(11) EP3791043
(21) EP19723780.3
(22) 10.05.2019
(54) PRODUCED WATER BALANCE TOOL
(73) BP Exploration Operating Company Limited
(72) DAY, Stuart
MAIR, Christopher
(74) ir. F.A. Geurts c.s.
(31) 18171707
(32) 10.05.2018
(33) European Patent Office (EPO)
(47) 03.04.2024

(51) E21B 47/098
E21B 47/117
E21B 47/11
E21B 47/005
(11) EP4136321
(21) EP21730996.2
(22) 16.04.2021

(54) TOOL AND METHOD FOR VERIFICATION OF PRESSURE INTEGRITY BEHIND DOWNHOLE CASING
(73) Exedra AS
(72) SKILLINGSTAD, Torger
PEDERSEN, Bernt Reinhardt
(74) ir. A. Blokland c.s.
(31) 20200465
(32) 16.04.2020
(33) Norway
(47) 27.03.2024

(51) F01C 21/02
F04C 2/08
F04C 13/00
F04C 15/00
(11) EP4202181
(21) EP21216262.2
(22) 21.12.2021
(54) GEAR WHEEL PUMP
(73) A. u. K. Müller GmbH & Co. KG
(74) J.M.H. Duyver lic.
(47) 13.03.2024

(51) F02D 41/02
F01N 3/20
F02D 41/14
(11) EP3857041
(21) EP19773423.9
(22) 20.09.2019
(54) METHOD FOR THE MODEL-BASED OPEN-LOOP AND CLOSED-LOOP CONTROL OF AN INTERNAL COMBUSTION ENGINE WITH A SCR CATALYTIC CONVERTER
(73) Rolls-Royce Solutions GmbH
(72) GRAICHEN, Knut
GEISELHART, Roman
NIEMEYER, Jens
REMELE, Jörg
SPÄDER, Tim
HARDER, Karsten
BERGMANN, Daniel
(74) dr. R.C. van Duijvenbode c.s.
(31) 102018007647
(32) 27.09.2018
(33) Germany
(47) 29.05.2024

(51) F03D 1/06
B64C 23/06
F02K 1/46
(11) EP3704374
(21) EP18807560.0
(22) 02.11.2018
(54) SWIRLING ELEMENT AND METHOD FOR PRODUCING A SWIRLING ELEMENT
(73) Röhm, Klaus
(72) Röhm, Klaus
(74) ir. B.J. 't Jong
(31) 102018113800
102017125663
(32) 10.06.2018
02.11.2017
(33) Germany
Germany
(47) 13.03.2024

(51) F03D 13/10
F03D 80/50
(11) EP3839252
(21) EP20187952.5
(22) 27.07.2020
(54) MOUNTING DEVICE FOR ROTOR BLADES OF A WIND ENERGY SYSTEM
(73) Fuhrländer, Jürgen
(72) Fuhrländer, Jürgen
(74) dr. R.C. van Duijvenbode c.s.
(31) 202019005213 U
(32) 20.12.2019
(33) Germany
(47) 03.04.2024

(51) F03D 17/00
(11) EP3739201
(21) EP19174859.9
(22) 16.05.2019
(54) METHOD OF MONITORING THE STRUCTURAL INTEGRITY OF THE SUPPORTING STRUCTURE OF A WIND TURBINE
(73) Siemens Gamesa Renewable Energy A/S
(72) Jensen, Dennis Stachniuk
Hoegh, Gustav
(74) ir. W.J.J.M. Kempes
(47) 24.04.2024

(51) F04D 25/08
F04D 29/54
F24F 7/007
F24F 13/08
F24F 13/20
F04D 25/10
F04D 27/00
F04D 29/70
(11) EP4039982
(21) EP22165933.7
(22) 26.09.2018
(54) BLOWER
(73) Iris Ohyama Inc.
(72) FUKUMASU, Kazuhito
YAMAMOTO, Hideki
ISHIKAWA, Hiroshi
(74) ir. F.A. Geurts c.s.
(31) 2018026445
2017191401
(32) 16.02.2018
29.09.2017
(33) Japan
Japan
(47) 03.04.2024

(51) F04D 29/02
F04D 29/42
(11) EP3947977
(21) EP20716126.6
(22) 01.04.2020
(54) PUMP
(73) IHC Holland IE B.V.
(72) BIJVOET, Erwin Cornelis Johannes
KONING, Theodorus Adrianus
(74) dr. R.C. van Duijvenbode c.s.
(31) 2022881
(32) 05.04.2019
(33) Netherlands
(47) 29.05.2024

(51) F16C 19/06
F16C 33/76
F16C 33/78
F16J 15/48
F16C 33/72
(11) EP3926189
(21) EP20180471.3
(22) 17.06.2020
(54) BEARING ARRANGEMENT OF A WIND TURBINE
(73) Siemens Gamesa Renewable Energy A/S
(72) Hoejgaard, Mathias Muff
Moeller, Troels Kildemoes
(74) ir. W.J.J.M. Kempes
(47) 24.04.2024

(51) F16D 1/027
B21D 39/04
B21D 53/88
B23P 19/00
F16H 55/17
F16H 57/02
(11) EP4108948
(21) EP21180561.9
(22) 21.06.2021
(54) METHOD FOR CONNECTING TWO COMPONENTS, IN PARTICULAR A MOTOR WITH A GEARBOX, AND ASSEMBLY WITH A CONNECTION BETWEEN MOTOR AND TRANSMISSION
(73) maxon international ag
(72) SCHELB, Marco
HERR, Patrick
KÄLBLE, Simon
(74) dr. R.C. van Duijvenbode c.s.
(47) 22.05.2024

(51) F16D 65/847
F16D 65/00
(11) EP3964727
(21) EP21203836.8
(22) 10.09.2019
(54) FIXING STRUCTURE FOR A CAR CALIPER COVER
(73) Zhang, Jianping
(72) Zhang, Jianping
(74) ir. W.J.J.M. Kempes
(31) 201910786535
(32) 23.08.2019
(33) China
(47) 08.05.2024

(51) F16F 9/34
F16F 9/46
F16F 9/348
F16F 9/516
F16K 15/04
F16K 15/06
(11) EP3649367
(21) EP18734503.8
(22) 21.06.2018
(54) DAMPING VALVE FOR A VIBRATION DAMPER
(73) ZF Friedrichshafen AG
(72) BECK, Holger
SCHMITZ, Klaus
KAPELL, Sven
(74) ir. W.J.J.M. Kempes
(31) 102017211614
(32) 07.07.2017
(33) Germany
(47) 20.03.2024

(51) F16J 15/3208

F16J 15/3212
(11) EP4001708
(21) EP21207385.2
(22) 10.11.2021
(54) SEAL RING AND ITS USE
(73) Carl Freudenberg KG
(72) Müller-Niehuus, Dr. Kristian
Koch, Andreas
Shimizu, Akio
(74) ir. W.J.J.M. Kempes
(31) 102020131045
(32) 24.11.2020
(33) Germany
(47) 20.03.2024

(51) F16K 5/06
F16K 27/06
B23P 15/00
B23P 11/00
(11) EP4105526
(21) EP22179105.6
(22) 15.06.2022
(54) VALVE
(73) Aalberts Integrated Piping Systems Limited
(72) WORSLEY, Alasdair
MACGREGOR, Robbie
(74) ir. H.Th. van den Heuvel c.s.
(31) 202108517
(32) 15.06.2021
(33) United Kingdom
(47) 01.05.2024

(51) F16K 31/05
F16K 27/06
F16K 31/04
(11) EP3561348
(21) EP19170731.4
(22) 24.04.2019
(54) ADAPTER FOR CONNECTING A DRIVE MEANS TO A MANUALLY OPERATED SHUT-OFF VALVE AND SYSTEM COMPRISING SUCH AN ADAPTER AND A MANUALLY ACTUATED SHUT-OFF VALVE
(73) Viega Technology GmbH & Co. KG
(72) Winterholler, Arthur
Stähler, Ben
(74) ir. A. Blokland c.s.
(31) 102018109792
(32) 24.04.2018
(33) Germany
(47) 15.05.2024

(51) F16L 11/10
F16L 11/115
B29C 53/82
(11) EP3640511
(21) EP18817848.7
(22) 12.06.2018
(54) COMPOSITE HOSE HAVING IMPROVED DURABILITY AND RESTORING FORCE
(73) Sangbong Corporation Co., Ltd.
(72) KIM, Hee Jin
HWANG, Young Il
KIM, Kyung Il
(74) ir. A. Blokland c.s.
(31) 20170074589
(32) 14.06.2017
(33) Korea (Republic)
(47) 13.03.2024

(51) F16L 37/30
B67D 7/32
F16K 17/36
B67D 9/00
F16L 23/12
F16L 29/04
F16L 39/00
F16L 59/18
(11) EP3581839
(21) EP18751069.8
(22) 02.02.2018
(54) EMERGENCY RELEASE MECHANISM FOR FLUID LOADING DEVICES
(73) TB Global Technologies Ltd.
Kawasaki Heavy Industries, Ltd.
(72) KAWAI, Tsutomu
UMEMURA, Tomoaki
(74) dr. ir. F.M. van Bouwelen
(31) 2017023081
(32) 10.02.2017
(33) Japan
(47) 22.05.2024

(51) F16P 3/14
B41F 33/00
B41J 15/04
B65H 19/12
B65H 19/30
B65H 26/08
(11) EP4118375
(21) EP21715800.5
(22) 23.03.2021
(54) METHOD AND DEVICE FOR MONITORING AN ACCESS POINT LEADING INTO A SAFETY REGION OF A ROLL WINDER OR UNWINDER, AND PRINTING MACHINE
(73) Koenig & Bauer AG
(72) UGLJESA, Senad
GRETSCH, Harald
KRIMMEL, Jürgen
MAIERHÖFER, Manfred
SCHULZ, Günter
(74) J.M.H. Duyver lic.
(31) 102020119565
(32) 24.07.2020
(33) Germany
(47) 24.04.2024

(51) F21S 4/28
F21V 23/00
(11) EP4229329
(21) EP21790461.4
(22) 12.10.2021
(54) CUT-TO-MEASURE LIGHT EMITTING ASSEMBLY COMPRISING CONNECTED LIGHT STRIPS
(73) Signify Holding B.V.
(72) VAN DE SLUIS, Bartel, Marinus
ROZENDAAL, Leendert, Teunis
KRIJN, Marcellinus, Petrus, Carolus, Michael
VISSENBERG, Michel, Cornelis, Josephus, Marie
(31) 20202557
(32) 19.10.2020
(33) European Patent Office (EPO)
(47) 22.05.2024

(51) F24H 8/00
F23J 13/00
F23J 13/04
(11) EP3889517
(21) EP21158104.6
(22) 19.02.2021
(54) CONDENSATE RETURN APPARATUS
(73) Centrotherm Systemtechnik GmbH
(72) IMÖHL, Markus
(74) J.M.H. Duyver lic.
(31) 202020101713 U
(32) 31.03.2020
(33) Germany
(47) 15.05.2024

(51) F25J 1/00
F04D 25/16
F25B 1/10
F25B 1/04
F25J 1/02
F04D 17/12
F04D 19/02
F04D 27/02
F04D 29/58
(11) EP3382305
(21) EP18165191.0
(22) 29.03.2018
(54) PARALLEL COMPRESSION IN LNG PLANTS USING A DOUBLE FLOW COMPRESSOR
(73) AIR PRODUCTS AND CHEMICALS, INC.
(72) ROBERTS, Mark Julian
WEHRMAN, Joseph Gerard
KRISHNAMURTHY, Gowri
(74) dr. R.C. van Duijvenbode c.s.
(31) 201715472701
(32) 29.03.2017
(33) United States of America
(47) 24.04.2024

(51) F27D 11/08
F27D 1/18
F27B 3/08
F27D 1/16
F27B 3/24
F27D 1/12
F27D 9/00
(11) EP3574273
(21) EP18744243.9
(22) 30.01.2018
(54) TOP LOADING ROOF FOR ELECTRIC ARC, METALLURGICAL OR REFINING FURNACES AND SYSTEM THEREOF
(73) Amerifab, Inc.
(72) MANASEK, Richard J.
(74) dr. A. Krebs
(31) 201762452061 P
(32) 30.01.2017
(33) United States of America
(47) 01.05.2024

(51) F28D 20/00
(11) EP3997405
(21) EP20756779.3
(22) 29.07.2020
(54) HEAT STORAGE DEVICE, HEAT STORAGE SYSTEM AND METHOD FOR OPERATING A HEAT STORAGE DEVICE
(73) Kraftanlagen Energies & Services SE
(72) DOERBECK, Till

(74) J.M.H. Duyver lic.
(31) 102019120448
(32) 29.07.2019
(33) Germany
(47) 03.04.2024

(51) F28F 3/08
B01D 1/22
C02F 1/20
F28D 9/00
F28F 3/04
F28D 21/00
C02F 1/04
C02F 103/08
(11) EP4155653
(21) EP22207983.2
(22) 13.09.2019
(54) HEAT EXCHANGER PLATE AND PLATE HEAT EXCHANGER FOR TREATMENT OF A LIQUID FEED
(73) Alfa Laval Corporate AB
(72) BLOMGREN, Fredrik
(74) ir. H.A. Witmans c.s.
(47) 20.03.2024

(51) F41A 25/22
(11) EP4147000
(21) EP21728117.9
(22) 03.05.2021
(54) COMPACT GUIDE DEVICE FOR A RECOILING MASS
(73) NEXTER Systems
(72) SEPTFONS, Pierre
BALBO, Patrick
(74) ir. G.J.M. Verhees
(31) 2004166
(32) 04.05.2020
(33) France
(47) 10.04.2024

(51) F41A 25/22
(11) EP4147001
(21) EP21728289.6
(22) 03.05.2021
(54) DEVICE FOR GUIDING A RECOILING MASS BY MEANS OF AN ELASTIC LINK MEMBER
(73) NEXTER Systems
(72) BALBO, Patrick
SEPTFONS, Pierre
(74) ir. G.J.M. Verhees
(31) 2004167
(32) 04.05.2020
(33) France
(47) 20.03.2024

(51) G01B 11/22
B63B 39/12
(11) EP3606812
(21) EP18780808.4
(22) 19.03.2018
(54) METHOD AND SYSTEM FOR DETERMINING THE DRAFT OF A VESSEL
(73) Technological Resources Pty Limited
(72) EPSKAMP, Troy
LOOI, En-Shan
ZEELENBERG, Jonathon
(74) ir. W.J.J.M. Kempes
(31) 2017901297
(32) 07.04.2017
(33) Australia
(47) 13.03.2024

(51) G01C 7/04
B60W 40/06
G01B 21/30
E01C 23/01
B60W 50/00
(11) EP4008994
(21) EP21216508.8
(22) 22.02.2017
(54) ROAD MONITORING METHOD AND SYSTEM
(73) Tracker Connect (PTY) Limited
(72) STEYN, Wynand Jacobus Van Der Merwe
WESSELS, Carel Lourens
WESSELS, Illezé
(74) ir. H.A. Witmans c.s.
(31) 201601207
(32) 22.02.2016
(33) South Africa
(47) 20.03.2024

(51) G01C 21/16
G01C 21/00
G05D 1/02
(11) EP3893074
(21) EP20168248.1
(22) 06.04.2020
(54) LOCALIZATION METHOD FOR MOBILE REMOTE INSPECTION AND/OR MANIPULATION TOOLS IN CONFINED SPACES AND ASSOCIATED SYSTEM
(73) General Electric Company
(72) NEUKOM, Tobias
OETIKER, Moritz
JHA, Nitish
(74) ir. W.J.J.M. Kempes
(47) 29.05.2024

(51) G01F 1/66
G01F 1/325
G01F 1/32
G01N 9/00
G01N 11/16
G01P 5/02
G01P 5/04
G01H 1/00
G01P 5/08
G01P 5/26
(11) EP4047327
(21) EP22157524.4
(22) 18.02.2022
(54) MEASURING DEVICE, SENSOR UNIT AND METHOD FOR DETERMINING AT LEAST ONE PARAMETER OF A MEDIUM
(73) Krohne AG
(72) van Klooster, Jeroen Martin
(74) ir. W.J.J.M. Kempes
(31) 102021104161
(32) 22.02.2021
(33) Germany
(47) 27.03.2024

(51) G01H 9/00
G01H 1/00
(11) EP3696520
(21) EP20156326.9
(22) 10.02.2020
(54) ULTRASONIC ROTOR DEFLECTION MONITORING SYSTEM
(73) LOVEJOY CONTROLS CORPORATION
(72) Lovejoy, Kim A
(74) ir. W.J.J.M. Kempes
(31) 201916274683
(32) 13.02.2019
(33) United States of America
(47) 03.04.2024

(51) G01N 15/14
G01N 15/10
(11) EP3454042
(21) EP18192246.9
(22) 03.09.2018
(54) CELL OBSERVATION SYSTEM AND CELL OBSERVATION METHOD
(73) National University Corporation Hamamatsu University School of Medicine
Hamamatsu Photonics K.K.
(72) OZAKI, Yusuke
HIROTSU, Amane
YAMASHITA, Daisuke
KIKUCHI, Hirotoshi
OKAZAKI, Shigetoshi
YAMADA, Hidenao
(74) dr. R.C. van Duijvenbode c.s.
(31) 2017171039
(32) 06.09.2017
(33) Japan
(47) 24.04.2024

(51) G01N 29/04
G01H 17/00
G06F 17/10
G06Q 50/04
H01M 10/48
G01H 15/00
G01H 13/00
G06Q 10/0639
H01M 10/0525
G01N 29/09
(11) EP3961204
(21) EP20851856.3
(22) 03.08.2020
(54) QUANTITATIVE DIAGNOSTIC METHOD FOR QUALITY OF MANUFACTURING EQUIPMENT
(73) LG Energy Solution, Ltd.
(72) SUL, Dong Hee
LIM, Seung Hyun
KIM, Hyun Tae
SUNG, Ki Eun
(74) dr. R.C. van Duijvenbode c.s.
(31) 20190097050
(32) 09.08.2019
(33) Korea (Republic)
(47) 29.05.2024

(51) G01N 33/50
G01N 33/58
G01N 33/84
(11) EP3869195
(21) EP21167900.6
(22) 23.03.2016
(54) IMPROVED ASSAYS FOR POTENCY OF HUMAN RETINAL PIGMENT EPITHELIUM (RPE) CELLS AND PHOTORECEPTOR PROGENITORS
(73) Astellas Institute for Regenerative Medicine
(72) IVANOVA, Yordanka Gikova

GAY, Roger
KLIMANSKAYA, Irina, V.
CARSON, Julie Kathryn
(74) dr. W.A.H.M. Van Borm
(31) 201562136660 P
(32) 23.03.2015
(33) United States of America
(47) 20.03.2024

(51) G01N 33/50
G01N 33/68
G01N 33/53
(11) EP3792628
(21) EP20193183.9
(22) 10.05.2017
(54) METHODS FOR PREDICTING THE USEFULNESS OF NEOANTIGENS FOR IMMUNOTHERAPY
(73) TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg- Universität Mainz gemeinnützige GmbH
BioNTech SE
(72) LÖWER, Martin
SAHIN, Ugur
VORMEHR, Mathias
BOEGEL, Sebastian
SCHRÖRS, Barbara
(74) dr. A. Krebs
(31) PCT/EP2016/060897
(32) 13.05.2016
(33) World Intellectual Property Office (WIPO)
(47) 24.04.2024

(51) G01R 31/08
G01R 31/74
H01H 85/30
(11) EP4081815
(21) EP19957164.7
(22) 26.12.2019
(54) STEP VOLTAGE IDENTIFICATION FOR MULTIPLE INPUTS
(73) Suzhou Littelfuse OVS Co., Ltd.
(72) JIN, Dan
WANG, Yu
JIA, Yanqiu
(74) dr. ir. G.J.C. Verdijck c.s.
(47) 17.04.2024

(51) G01R 31/317
G06F 11/36
G06F 11/34
(11) EP3272072
(21) EP16765379.9
(22) 10.02.2016
(54) METHOD, APPARATUS AND SYSTEM FOR DYNAMIC BANDWIDTH MANAGEMENT IN SYSTEMS
(73) Intel Corporation
(72) KUEHNIS, Rolf
MENON, Sankaran M.
TRP, Babu
(74) ir. W.J.J.M. Kempes
(31) 201514659850
(32) 17.03.2015
(33) United States of America
(47) 03.04.2024

(51) G01R 31/367
G01R 31/389
G01R 31/392
B60L 58/10
B60L 58/16
G01R 31/00
(11) EP3998487
(21) EP21158082.4
(22) 19.02.2021
(54) BATTERY MANAGEMENT SYSTEM FOR AN ELECTRIC AIR VEHICLE
(73) Lilium eAircraft GmbH
(72) SCHUHMANN, Moritz
KURTZ, Johannes
(74) dr. R.C. van Duijvenbode c.s.
(47) 29.05.2024

(51) G01S 13/76
G01S 13/02
G01S 13/08
H04L 43/0864
H04W 64/00
(11) EP3924752
(21) EP20770942.9
(22) 06.03.2020
(54) FRAMEWORK AND METHODS TO CONTROL EXCHANGE OF RANGING RESULT
(73) Samsung Electronics Co., Ltd.
(72) NG, Boon Loong
LI, Zheda
PADAKI, Aditya Vinod
(74) dr. R.C. van Duijvenbode c.s.
(31) 202016810627
201962874438 P
201962867605 P
201962863091 P
201962856824 P
201962815865 P
(32) 05.03.2020
15.07.2019
27.06.2019
18.06.2019
04.06.2019
08.03.2019
(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) 22.05.2024

(51) G01T 1/161
G01T 1/29
(11) EP3358373
(21) EP16851746.4
(22) 29.09.2016
(54) NUCLEAR MEDICINE EXAMINATION APPARATUS AND NUCLEAR MEDICINE EXAMINATION METHOD
(73) Dai Nippon Printing Co., Ltd.
(72) OTA, Kohei
(74) dr. R.C. van Duijvenbode c.s.
(31) 2015193543
(32) 30.09.2015
(33) Japan
(47) 05.06.2024

(51) G01T 1/24
(11) EP4020019
(21) EP21217877.6
(22) 19.10.2018
(54) RADIATION DETECTOR, METHOD FOR PRODUCING A RADIATION DETECTOR AND METHOD FOR OPERATING A RADIATION DETECTOR
(73) Avago Technologies International Sales Pte. Limited
(72) ISKRA, Peter
VINOGRADOV, Sergey
(74) dr. R.C. van Duijvenbode c.s.
(47) 08.05.2024

(51) G01V 99/00
(11) EP4073554
(21) EP20715443.6
(22) 22.01.2020
(54) LAYERING FOR GEOMODELING
(73) TotalEnergies OneTech
(72) FORGE, Aurèle
DURAND RIARD, Pauline
(74) dr. A. Krebs
(47) 24.04.2024

(51) G02B 7/06
G02B 23/02
G02B 7/12
G02B 23/18
(11) EP3822682
(21) EP20207275.7
(22) 12.11.2020
(54) TELESCOPIC TUBE AND FOCUSING DEVICE
(73) Swarovski-Optik AG & Co KG.
(72) ÖTTL, Peter
(74) J.M.H. Duyver lic.
(31) 509952019
(32) 15.11.2019
(33) Austria
(47) 13.03.2024

(51) G02B 9/64
G02B 13/00
(11) EP4071534
(21) EP21192044.2
(22) 19.08.2021
(54) OPTICAL IMAGING LENS ASSEMBLY, IMAGE CAPTURING UNIT AND ELECTRONIC DEVICE
(73) LARGAN Precision Co., Ltd.
(72) KUO, Tzu-Chieh
(74) J.M.H. Duyver lic.
(31) 110112564
(32) 07.04.2021
(33) Taiwan, Chinese Taipei
(47) 27.03.2024

(51) G02B 23/12
G02B 27/01
G02B 26/02
H04N 23/20
(11) EP3973343
(21) EP20785774.9
(22) 18.06.2020
(54) VISION APPARATUS PROVIDING NIGHT VISION AND DIRECT VISION OF A SURROUNDING SCENE
(73) Photonis France
(72) DELTEL, Geoffroy
(74) dr. R.C. van Duijvenbode c.s.
(31) 1906602
(32) 20.06.2019
(33) France
(47) 05.06.2024

(51) G02B 26/08

G02B 7/188
G02B 26/06
(11) EP2556404
(21) EP11717309.6
(22) 05.04.2011
(54) DEFORMABLE MIRROR HAVING A LOW BONDING FOOTPRINT AND PROCESS FOR MANUFACTURING SUCH A MIRROR
(73) ALPAO
(72) CURIS, Jean-François, Yves
ROOMS, Frédéric, Christian, Robert
CAMET, Sébastien, Marin, Michel
(74) drs. C.M.A. Quintelier
(31) 1052599
(32) 06.04.2010
(33) France
(47) 20.03.2024

(51) G02B 27/01
(11) EP4241129
(21) EP22789742.8
(22) 14.09.2022
(54) LASER ENERGY INTEGRATOR FOR DISPLAY WAVEGUIDE BREAKAGE SAFETY SYSTEM
(73) Google LLC
(72) WASYLYSHYN, Dwayne A.
LOGAN, Andrew
(74) dr. R.C. van Duijvenbode c.s.
(31) 202217578032
(32) 18.01.2022
(33) United States of America
(47) 24.04.2024

(51) G02B 27/01
G09G 3/00
G06F 3/147
(11) EP3698203
(21) EP19791040.9
(22) 02.10.2019
(54) HEAD MOUNTED DISPLAY WITH MECHANICAL SCANNING
(73) Google LLC
(72) GROMOV, Konstantin
CAKMAKCI, Ozan
FITCH, John
VALENTE, Matthew
WONG, Adrian
KIMBER, Clayton
SKELTON, Kyle
(74) dr. R.C. van Duijvenbode c.s.
(31) 201862741809 P
(32) 05.10.2018
(33) United States of America
(47) 22.05.2024

(51) G02C 7/04
(11) EP4168848
(21) EP21835357.1
(22) 16.12.2021
(54) MYOPIA-CONTROL CONTACT LENSES AND METHODS RELATING THERETO
(73) CooperVision International Limited
(72) CHAMBERLAIN, Paul
ARUMUGAM, Baskar
WEBBER, Martin
BRADLEY, Arthur
(74) ir. W.J.J.M. Kempes
(31) 202063127242 P
(32) 18.12.2020
(33) United States of America
(47) 01.05.2024

(51) G02F 1/167
G02F 1/16761
G02F 1/16762
G02F 1/1685
(11) EP3004982
(21) EP14739251.8
(22) 02.06.2014
(54) ELECTROPHORETIC DISPLAY
(73) eLstar Dynamics Patents B.V.
(72) AMESZ, Henricus Johannes
(74) J. Hoekstra
(31) 2010936
(32) 07.06.2013
(33) Netherlands
(47) 10.04.2024

(51) G03B 17/08
B60S 1/54
B60S 1/56
(11) EP3974901
(21) EP21187701.4
(22) 26.07.2021
(54) CAMERA SYSTEM
(73) MEKRA Lang GmbH & Co. KG
(72) Lang, Werner
Centmayer, Stefan
(74) ir. H.A. Witmans c.s.
(31) 102020124959
(32) 24.09.2020
(33) Germany
(47) 15.05.2024

(51) G03G 15/00
G03G 21/00
(11) EP3871048
(21) EP19930318.1
(22) 06.12.2019
(54) HANDLING ABNORMAL OPERATION DURING TONER REFILL
(73) Hewlett-Packard Development Company, L.P.
(72) NOH, Jinwoo
CHOI, Hong-Chul
KIM, Yun-Su
JIN, Seong-ho
(74) ir. W.J.J.M. Kempes
(31) 20190061394
(32) 24.05.2019
(33) Korea (Republic)
(47) 22.05.2024

(51) G04B 1/22
G04B 17/04
G04B 15/06
(11) EP3230806
(21) EP15805539.2
(22) 09.12.2015
(54) MECHANISM FOR A TIMEPIECE AND TIMEPIECE HAVING SUCH A MECHANISM
(73) LVMH Swiss Manufactures SA
(72) YPMA, Wout Johannes Benjamin
TOLOU, Nima
SEMON, Guy
(74) dr. R.C. van Duijvenbode c.s.
(31) 14197015
(32) 09.12.2014
(33) European Patent Office (EPO)
(47) 13.03.2024

(51) G05B 19/19
(11) EP3500894
(21) EP17842243.2
(22) 18.08.2017
(54) APPARATUS AND METHOD FOR GUIDING A TOOL POSITIONED ON THE SURFACE OF A PIECE OF MATERIAL
(73) Shaper Tools, Inc.
(72) BLUM, Jeremy, Evan
MARTIN, Matthew, Wyatt
RIVERS, Alec, Rothmyer
HEBENSTREIT, Joseph, J.
CUTTRISS, Sam
MOYER, Ilan, Ellison
(74) ir. W.J.J.M. Kempes
(31) 201762509162 P
201762509159 P
201662377482 P
(32) 21.05.2017
21.05.2017
19.08.2016
(33) United States of America
United States of America
United States of America
(47) 15.05.2024

(51) G05B 19/418
G05D 1/02
B25J 15/06
B25J 5/00
B25J 9/00
B25J 9/16
B25J 19/02
G06Q 50/28
(11) EP3451097
(21) EP18200475.4
(22) 06.10.2015
(54) DYNAMICALLY MAINTAINING A MAP OF A FLEET OF ROBOTIC DEVICES IN AN ENVIRONMENT TO FACILITATE ROBOTIC ACTION
(73) X Development LLC
(72) MASON, Julian
SABOO, Rohit, Ramesh
KUFFNER, James, Joseph
(74) dr. A. Krebs
(31) 201514863620
201462078250 P
(32) 24.09.2015
11.11.2014
(33) United States of America
United States of America
(47) 15.05.2024

(51) G06F 1/20
H05K 7/20
(11) EP3736661
(21) EP20183637.6
(22) 03.05.2016
(54) COOLING ELECTRONIC DEVICES IN A DATA CENTER
(73) Google LLC
(72) IYENGAR, Madhu Krishnan
FARSHCHIAN, Soheil
(74) ir. H.Th. van den Heuvel c.s.
(31) 201514703566
(32) 04.05.2015
(33) United States of America

(47) 03.04.2024
(51) G06F 3/033
G02B 27/01
G06F 3/01
G06F 3/02
G06F 3/03
G06F 3/0346
G06F 3/0354
G06F 3/038
G06F 3/04815
G06F 3/04847
G06F 3/04883
G06F 3/04886
G06V 10/145
G06V 20/20
G06V 40/18
(11) EP4141623
(21) EP22197905.7
(22) 27.04.2018
(54) AUGMENTED REALITY SYSTEM COMPRISING LIGHT-EMITTING USER INPUT DEVICE
(73) Magic Leap, Inc.
(72) NILES, Savannah
SCHWAB, Brian David
POWDERLY, James, M.
BUCKNOR, Brian
FONTAINE, Marshal A.
AZU, Isioma Osagbemwenorue
WHEELER, William
AWAD, Haney
NESLADEK, Christopher David
(74) ir. W.J.J.M. Kempes
(31) 201762490863 P
(32) 27.04.2017
(33) United States of America
(47) 29.05.2024

(51) G06F 3/044
(11) EP3828678
(21) EP20209863.8
(22) 25.11.2020
(54) ELECTRONIC APPARATUS
(73) Samsung Display Co., Ltd.
(72) Lee, Kyungsu
Han, Jeongyun
Kim, Jong-Hwa
(74) drs. A.A. Jilderda
(31) 20190153441
(32) 26.11.2019
(33) Korea (Republic)
(47) 01.05.2024

(51) G06F 3/06
(11) EP3631612
(21) EP18723336.6
(22) 25.04.2018
(54) FILE SYSTEM FOR SHINGLED MAGNETIC RECORDING (SMR)
(73) Microsoft Technology Licensing, LLC
(72) DAS, Rajsekhar
(74) dr. W.A.H.M. Van Borm
(31) 201715607003
(32) 26.05.2017
(33) United States of America
(47) 29.05.2024

(51) G06F 3/06
G06F 9/50
G06F 12/08
(11) EP3688596
(21) EP17927124.2
(22) 27.09.2017
(54) COMPUTER PROGRAM PRODUCT, SYSTEM, AND METHOD TO MANAGE ACCESS TO STORAGE RESOURCES FROM MULTIPLE APPLICATIONS
(73) INTEL Corporation
(72) CHANG, Cunyin
HARRIS, James
LIU, Changpeng
YANG, Ziye
CAO, Gang
(74) ir. W.J.J.M. Kempes
(47) 08.05.2024

(51) G06F 3/06
G06F 12/02
(11) EP3982244
(21) EP21181962.8
(22) 28.06.2021
(54) STORAGE CONTROLLER, STORAGE SYSTEM AND OPERATING METHODS THEREOF
(73) Samsung Electronics Co., Ltd.
(72) LEE, Young Min
YOO, Kyung Phil
SHIN, Soong-Mann
(74) ir. H.A. Witmans c.s.
(31) 20200130267
(32) 08.10.2020
(33) Korea (Republic)
(47) 20.03.2024

(51) G06F 8/65
G06F 9/4401
(11) EP3066562
(21) EP14719131.6
(22) 10.03.2014
(54) SYSTEMS AND METHODS FOR UPDATING SYSTEM-LEVEL SERVICES WITHIN READ-ONLY SYSTEM IMAGES
(73) CA, Inc.
(72) SANGSTER, Paul
KIM, Sean
(74) dr. R.C. van Duijvenbode c.s.
(31) 201314070894
(32) 04.11.2013
(33) United States of America
(47) 01.05.2024

(51) G06F 9/30
G06F 9/35
(11) EP3575955
(21) EP19170431.1
(22) 19.04.2019
(54) INDIRECT MEMORY FETCHER
(73) INTEL Corporation
(72) HEIRMAN, Wim
FRYMAN, Joshua B.
HUR, Ibrahim
DU BOIS, Kristof
EYERMAN, Stijn
(74) ir. W.J.J.M. Kempes
(31) 201815996184
(32) 01.06.2018
(33) United States of America
(47) 01.05.2024

(51) G06F 9/30
G06F 9/38
(11) EP3671438
(21) EP19203199.5
(22) 15.10.2019
(54) SYSTEMS AND METHODS TO TRANSPOSE VECTORS ON-THE-FLY WHILE LOADING FROM MEMORY
(73) INTEL Corporation
(72) Valentine, Robert
Heinecke, Alexander F.
Georganas, Evangelos
Sade, Raanan
Hughes, Christopher
(74) ir. W.J.J.M. Kempes
(31) 201816231050
(32) 21.12.2018
(33) United States of America
(47) 24.04.2024

(51) G06F 11/10
(11) EP4167091
(21) EP22198321.6
(22) 28.09.2022
(54) MEMORY MODULE, MEMORY SYSTEM, AND OPERATION METHOD OF MEMORY CONTROLLER
(73) Samsung Electronics Co., Ltd.
(72) SHIN, Wonjae
KIM, Sung-Joon
HAN, Kideok
LEE, Mijin
LEE, Seung Ju
KIM, Heedong
CHOI, Insu
LEE, Hyan Suk
SEO, Ilwoong
BAE, Minsu
(74) ir. H.A. Witmans c.s.
(31) 20210135051
202217895227
(32) 12.10.2021
25.08.2022
(33) Korea (Republic)
United States of America
(47) 20.03.2024

(51) G06F 11/34
G06F 11/32
(11) EP3467661
(21) EP18198533.4
(22) 04.10.2018
(54) SYSTEMS AND METHODS FOR ROBUST ANOMALY DETECTION
(73) ServiceNow, Inc.
(72) AMRADKHAR, Purushottam
LENNON, Dustin
DANG, Kanwaldeep K.
CROTINGER, James
TUCKER, Stephen Scott
(74) ir. W.J.J.M. Kempes
(31) 201715815142
201762568087 P
(32) 16.11.2017
04.10.2017
(33) United States of America
United States of America
(47) 24.04.2024

(51) G06F 12/02
G06F 3/06
(11) EP3798852
(21) EP19831058.3
(22) 17.01.2019

(54) SYSTEM CONTROLLER AND SYSTEM GARBAGE RECOVERY METHOD
(73) HUAWEI TECHNOLOGIES CO., LTD.
(72) PU, Guiyou
(74) ir. W.J.J.M. Kempes
(31) 201810954801
201810739117
(32) 21.08.2018
06.07.2018
(33) China
China
(47) 24.04.2024

(51) G06F 12/02
G06F 12/084
G06F 12/0813
G06F 12/0831
(11) EP3398071
(21) EP16882624.6
(22) 29.12.2016
(54) SYSTEMS, METHODS, AND APPARATUSES FOR DISTRIBUTED CONSISTENCY MEMORY
(73) Intel Corporation
(72) RAMANUJAN, Raj K.
RANGANATHAN, Narayan
GUIM BERNAT, Francesc
KUMAR, Karthik
BLANKENSHIP, Robert G.
(74) ir. W.J.J.M. Kempes
(31) 201514983052
(32) 29.12.2015
(33) United States of America
(47) 08.05.2024

(51) G06F 12/0811
G06F 12/1027
G06F 11/30
G06F 11/34
G06F 11/36
(11) EP4278262
(21) EP22714736.0
(22) 21.03.2022
(54) PHYSICAL MEMORY ADDRESS OMISSION OR OBFUSCATION WITHIN AN EXECUTION TRACE
(73) Microsoft Technology Licensing, LLC
(72) MOLA, Jordi
(74) dr. W.A.H.M. Van Borm
(31) 102708
(32) 26.03.2021
(33) Luxembourg
(47) 01.05.2024

(51) G06F 12/0811
G06F 12/1027
G06F 11/36
G06F 11/30
G06F 11/34
G06F 12/14
G06F 12/1036
(11) EP4278265
(21) EP22714327.8
(22) 21.03.2022
(54) MEMORY ADDRESS COMPRESSION WITHIN AN EXECUTION TRACE
(73) Microsoft Technology Licensing, LLC
(72) MOLA, Jordi
(74) dr. W.A.H.M. Van Borm
(31) 102709
(32) 26.03.2021
(33) Luxembourg
(47) 01.05.2024

(51) G06F 12/0831
G06F 12/0813
G06F 13/40
G06F 13/42
G06T 1/60
(11) EP4109281
(21) EP22165672.1
(22) 30.03.2022
(54) PEER-TO-PEER LINK SHARING FOR UPSTREAM COMMUNICATIONS FROM XPUS TO A HOST PROCESSOR
(73) Intel Corporation
(72) Jagannathan, Ashok
Puffer, David M.
Suthar, Nayan Amrutlal
Pal, Rahul
(74) ir. W.J.J.M. Kempes
(31) 202117359321
(32) 25.06.2021
(33) United States of America
(47) 01.05.2024

(51) G06F 12/084
G06F 12/0804
G06F 12/0868
(11) EP3798854
(21) EP20179236.3
(22) 10.06.2020
(54) APPARATUSES, METHODS, AND SYSTEMS FOR PROCESSOR NON-WRITE-BACK CAPABILITIES
(73) Intel Corporation
(72) Neiger, Gilbert
Shanbhogue, Vedvyas
Shafi, Hisham
Coleman, James A.
(74) ir. W.J.J.M. Kempes
(31) 201916586028
(32) 27.09.2019
(33) United States of America
(47) 03.04.2024

(51) G06F 12/0886
G06F 9/30
G06F 9/38
(11) EP4020231
(21) EP21198841.5
(22) 24.09.2021
(54) SPECULATIVE DECOMPRESSION WITHIN PROCESSOR CORE CACHES
(73) Intel Corporation
(72) Shanbhogue, Vedvyas
Gaur, Jayesh
Feghali, Wajdi
Gopal, Vinodh
Subramoney, Sreenivas
Chauhan, Adarsh
(74) ir. W.J.J.M. Kempes
(31) 202017133618
(32) 23.12.2020
(33) United States of America
(47) 01.05.2024

(51) G06F 12/1027
G06F 21/79
(11) EP3716081
(21) EP20154802.1
(22) 31.01.2020
(54) MEMORY PROTECTION WITH HIDDEN INLINE METADATA
(73) Intel Corporation
(72) GABOR, Ron
DURHAM, David M.
(74) ir. W.J.J.M. Kempes
(31) 201916369880
(32) 29.03.2019
(33) United States of America
(47) 03.04.2024

(51) G06F 12/126
G06F 12/0897
G06F 12/123
G06F 12/128
(11) EP3828714
(21) EP20198156.0
(22) 24.09.2020
(54) FLEXIBLE CACHE ALLOCATION TECHNOLOGY PRIORITY-BASED CACHE LINE EVICTION ALGORITHM
(73) INTEL Corporation
(72) GHOLKAR, Neha
KUMAR, Akhilesh
(74) ir. W.J.J.M. Kempes
(31) 201916696548
(32) 26.11.2019
(33) United States of America
(47) 03.04.2024

(51) G06F 12/14
G06F 21/57
G06F 15/78
G06F 21/85
G06F 13/24
(11) EP3631673
(21) EP18727917.9
(22) 27.04.2018
(54) SUBSYSTEM FIREWALLS
(73) Microsoft Technology Licensing, LLC
(72) LETEY, George Thomas
NIGHTINGALE, Edmund B.
STILES, Douglas L.
(74) dr. W.A.H.M. Van Borm
(31) 201715607311
(32) 26.05.2017
(33) United States of America
(47) 29.05.2024

(51) G06F 13/16
G06F 13/42
H04L 12/40
G06F 1/3234
H04L 47/10
H04L 47/30
G06F 13/40
G06F 1/3225
(11) EP4002133
(21) EP21196814.4
(22) 15.09.2021
(54) PERFORMING SAVE STATE SWITCHING IN SELECTIVE LANES BETWEEN ELECTRONIC DEVICES IN UFS SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) GARG, Shubham
KANNAMPUZHA, Ken Joseph
PRAFULKUMAR, Abhani Dipakkumar
(74) ir. H.A. Witmans c.s.
(31) 202041050543
202041050543

(32) 16.07.2021
20.11.2020
(33) India
India
(47) 20.03.2024

(51) G06F 13/38
H03F 3/45
(11) EP3368994
(21) EP16860470.0
(22) 26.09.2016
(54) ELECTRICAL FAST TRANSIENT TOLERANT INPUT/OUTPUT (I/O) COMMUNICATION SYSTEM
(73) Intel Corporation
(72) SRIVASTAVA, Amit Kumar
(74) ir. W.J.J.M. Kempes
(31) 201514925713
(32) 28.10.2015
(33) United States of America
(47) 24.04.2024

(51) G06F 13/40
(11) EP3907625
(21) EP21156539.5
(22) 11.02.2021
(54) STORAGE DEVICE AND RETRAINING METHOD THEREOF
(73) Samsung Electronics Co., Ltd.
(72) IHM, Jeongdon
LEE, Jangwoo
YOON, Chiweon
LEE, Seonkyoo
KIM, Tongsung
(74) ir. H.A. Witmans c.s.
(31) 20200053797
(32) 06.05.2020
(33) Korea (Republic)
(47) 03.04.2024

(51) G06F 13/40
G06F 3/06
(11) EP3955122
(21) EP21187936.6
(22) 27.07.2021
(54) MEMORY CONTROLLER, METHOD OF OPERATING MEMORY CONTROLLER AND STORAGE DEVICE
(73) Samsung Electronics Co., Ltd.
(72) KIM, Jong Hoon
(74) ir. H.A. Witmans c.s.
(31) 20200100460
(32) 11.08.2020
(33) Korea (Republic)
(47) 27.03.2024

(51) G06F 13/40
G06F 13/42
G06F 13/14
H04L 69/04
H04L 69/22
H04L 67/568
(11) EP3757811
(21) EP20165142.9
(22) 24.03.2020
(54) PREDICTIVE PACKET HEADER COMPRESSION
(73) Intel Corporation
(72) STALLEY, Sean O.
(74) ir. W.J.J.M. Kempes
(31) 201916564834
201962866396 P
(32) 09.09.2019
25.06.2019
(33) United States of America
United States of America
(47) 03.04.2024

(51) G06F 13/40
G06F 13/42
G06F 13/364
G06F 13/38
(11) EP3822803
(21) EP20216102.2
(22) 08.01.2020
(54) PHY RECALIBRATION USING A MESSAGE BUS INTERFACE
(73) INTEL Corporation
(72) Gao, Minxi
Tennant, Bruce
Dolev Geldbard, Noam
Das Sharma, Debendra
Spagna, Fulvio
Jen, Michelle
(74) ir. W.J.J.M. Kempes
(31) 201916446470
201962802946 P
(32) 19.06.2019
08.02.2019
(33) United States of America
United States of America
(47) 10.04.2024

(51) G06F 13/42
(11) EP4198756
(21) EP22184789.0
(22) 13.07.2022
(54) DAISY-CHAIN SPI INTEGRATED CIRCUIT AND OPERATION METHOD THEREOF
(73) Himax Technologies Limited
(72) CHIANG, Che-Hao
LIN, Guei-Lan
WEN, Shan-Chieh
WENG, Ming-Huai
LIN, Chi-Cheng
(74) dr. R.C. van Duijvenbode c.s.
(31) 202117553689
(32) 16.12.2021
(33) United States of America
(47) 08.05.2024

(51) G06F 16/11
G06F 16/16
(11) EP3542273
(21) EP17872342.5
(22) 17.11.2017
(54) SYSTEMS AND METHODS FOR RECOVERING LOST CLUSTERS FROM A MOUNTED VOLUME
(73) Tuxera US Holdings Inc
Tuxera Inc
(72) ALTAPARMAKOV, Anton
SANTRA, Sougata
(74) ir. W.J.J.M. Kempes
(31) 201715814638
201662424344 P
(32) 16.11.2017
18.11.2016
(33) United States of America
United States of America
(47) 15.05.2024

(51) G06F 16/21
G06F 16/30
(11) EP2972987
(21) EP14778067.0
(22) 17.02.2014
(54) SENSOR ASSOCIATED DATA OF MULTIPLE DEVICES BASED COMPUTING
(73) Intel Corporation
(72) RAFFA, Giuseppe
YOUNKIN, Audrey C.
CRAWFORD, Richard P.
ANDERSON, Glen J.
(74) ir. W.J.J.M. Kempes
(31) 201313797981
(32) 12.03.2013
(33) United States of America
(47) 10.04.2024

(51) G06F 21/10
H04L 9/32
G06Q 20/12
A63F 13/73
(11) EP3701404
(21) EP18871587.4
(22) 27.09.2018
(54) BLOCKCHAIN GAMING SYSTEM
(73) Sony Interactive Entertainment LLC
(72) XIONG, True
MCENIRY, Christopher
MCCOY, Charles
MORGAN, Nathan Blaine
(74) ir. W.J.J.M. Kempes
(31) 201715793600
(32) 25.10.2017
(33) United States of America
(47) 15.05.2024

(51) G06F 21/53
G06F 9/455
G06F 21/84
H04L 9/32
(11) EP3123388
(21) EP15768805.2
(22) 26.03.2015
(54) VIRTUALIZATION BASED INTRA-BLOCK WORKLOAD ISOLATION
(73) Intel Corporation
(72) SAVAGAONKAR, Uday
DURHAM, David
KANG, Xiaozhu
NARENDRA TRIVEDI, Alpha
PRASHANT, Dewan
CHHABRA, Siddhartha
SENGUPTA, Uttam
(74) ir. W.J.J.M. Kempes
(31) 201414228994
(32) 28.03.2014
(33) United States of America
(47) 24.04.2024

(51) G06F 21/53
G06F 21/56
G06F 21/62
H04L 9/40
(11) EP3994595
(21) EP20731269.5
(22) 15.05.2020
(54) EXECUTION ENVIRONMENT AND GATEKEEPER ARRANGEMENT
(73) Microsoft Technology Licensing, LLC
(72) CLEBSCH, Sylvan

WEBSTER, Samuel Alexander
FOURNET, Cédric Alain Marie
COSTA, Manuel
CHISNALL, David Thomas
VASWANI, Kapil
(74) dr. W.A.H.M. Van Borm
(31) 201916503455
(32) 03.07.2019
(33) United States of America
(47) 01.05.2024

(51) G06F 21/53
G06F 21/60
H04L 9/08
G06F 9/455
H04L 9/40
(11) EP3815323
(21) EP18924608.5
(22) 28.06.2018
(54) SECURE VIRTUAL MACHINE MIGRATION USING ENCRYPTED MEMORY TECHNOLOGIES
(73) INTEL Corporation
(72) WEI, Changzheng
PATEL, Baiju V.
LI, Weigang
ZENG, Xin
YU, Ping
SOOD, Kapil
WANG, Junyan
(74) ir. W.J.J.M. Kempes
(47) 24.04.2024

(51) G06F 21/55
G06F 21/57
H04L 9/40
H04W 12/122
(11) EP4155997
(21) EP22184263.6
(22) 12.07.2022
(54) RE-TRAINING INTRUSION DETECTION FINGERPRINTS IN THE PRESENCE OF AN ATTACKER
(73) INTEL Corporation
(72) Wang, Qian
Juliato, Marcio
Ahmed, Shabbir
Sastry, Manoj
Lesi, Vuk
(74) ir. W.J.J.M. Kempes
(31) 202117484689
(32) 24.09.2021
(33) United States of America
(47) 08.05.2024

(51) G06F 21/60
(11) EP3590064
(21) EP18708561.8
(22) 21.02.2018
(54) MANAGING ACCESS CONTROL PERMISSION GROUPS
(73) Carrier Corporation
(72) FLORENTINO, Blanca
TIWARI, Ankit
HADZIC, Tarik
BOUBEKEUR, Menouer
GAUTHIER, Ed
HARIS, Gavranovic
MARCHIOLI, John
HARRIS, Philip J.
(74) J.M.H. Duyver lic.
(31) 201762465583 P
(32) 01.03.2017
(33) United States of America
(47) 29.05.2024

(51) G06F 21/62
G06F 21/80
H04L 9/40
G06F 21/78
(11) EP3847568
(21) EP19787551.1
(22) 01.10.2019
(54) PROTECTING SELECTED DISKS ON A COMPUTER SYSTEM
(73) Microsoft Technology Licensing, LLC
(72) KUPPUSAMY, Manoharan
THIEL, Gregory Irving
RAMAKRISHNAPPA, Dhananjay
BANSAL, Yogesh
(74) dr. W.A.H.M. Van Borm
(31) 201816154197
(32) 08.10.2018
(33) United States of America
(47) 01.05.2024

(51) G06N 3/08
G01V 1/28
G01V 1/34
G01V 1/30
(11) EP3682269
(21) EP18856582.4
(22) 12.09.2018
(54) SEISMIC IMAGE DATA INTERPRETATION SYSTEM
(73) Geoquest Systems B.V.
(72) KVAMME, Paal Kjetil
RAMFJORD, Mats Stivang
SALMAN, Nader
GRADY, Francis
(74) ir. A. Blokland c.s.
(31) 201762557386 P
(32) 12.09.2017
(33) United States of America
(47) 06.03.2024

(51) G06N 10/00
(11) EP3665624
(21) EP17754949.0
(22) 09.08.2017
(54) FREQUENCY PATTERN FOR REDUCING PARASITIC INTERACTIONS IN A QUBIT GRID
(73) Google LLC
(72) FOWLER, Austin Greig
BARENDS, Rami
MARTINIS, John
(74) dr. A. Krebs
(47) 10.04.2024

(51) G06N 10/40
(11) EP3500982
(21) EP17758374.7
(22) 16.08.2017
(54) MEASURING AND MANIPULATING STATES OF NON-ABELIAN QUASIPARTICLES VIA QUANTUM DOT HYBRIDIZATION ENERGY SHIFTS
(73) Microsoft Technology Licensing, LLC
(72) KNAPP, Christina
ALICEA, Jason
FREEDMAN, Michael
LUTCHYN, Roman
NAYAK, Chetan
KARZIG, Torsten
BONDERSON, Parsa
(74) dr. W.A.H.M. Van Borm
(31) 201715634983
201662378218 P
201662376386 P
(32) 27.06.2017
23.08.2016
17.08.2016
(33) United States of America
United States of America
United States of America
(47) 01.05.2024

(51) G06Q 10/0631
G06Q 10/20
G06Q 50/04
G08C 17/02
H03M 7/40
H03M 7/30
H04L 41/12
H04L 47/70
H04L 49/356
H04Q 11/00
G06F 3/06
G06F 15/16
H04L 45/02
G06F 9/50
G06F 9/48
H04L 45/52
G06F 13/38
H04Q 1/02
(11) EP3488338
(21) EP16909442.2
(22) 31.12.2016
(54) TECHNOLOGIES FOR ADAPTIVE PROCESSING OF MULTIPLE BUFFERS
(73) Intel Corporation
(72) LIU, Xiaodong
GOPAL, Vinodh
DAI, Qihua
LI, Weigang
(74) ir. W.J.J.M. Kempes
(31) 201662427268 P
201662376859 P
201662365969 P
(32) 29.11.2016
18.08.2016
22.07.2016
(33) United States of America
United States of America
United States of America
(47) 17.04.2024

(51) G06Q 50/00
G16H 40/67
A61M 5/20
A61M 5/315
A61M 5/32
A61M 5/142
A61M 5/50
G16H 20/17
(11) EP3151882
(21) EP15728736.8
(22) 03.06.2015
(54) CONTROLLABLE DRUG DELIVERY SYSTEM AND METHOD OF USE
(73) Amgen Inc.
(72) BADELT, Steven, William

YIN, Desheng
WARD, Jimmie, L.
MCCULLOUGH, Adam, B.
TAHA, Basel, Hasan
YANG, Huaying
KOGLER, Keith, P.
GIBSON, Scott, R.
LEE, Mark, Ka Lai
FOLK, Christopher, R.
TAMTORO, Ferry
BUSBY, Donald
SHULTZ, Peter, V.
(74) ir. W.J.J.M. Kempes
(31) 201462007007 P
(32) 03.06.2014
(33) United States of America
(47) 10.04.2024

(51) G06T 11/60
G06F 3/048
(11) EP3500916
(21) EP16913605.8
(22) 17.08.2016
(54) GRAPHICAL REPRESENTATION MANAGEMENT
(73) Geoquest Systems B.V.
(72) DOUGLAS, Mark Gerrard
LUDVIGSEN, Hallgrim
(74) ir. A. Blokland c.s.
(47) 06.03.2024

(51) G06T 17/00
(11) EP3287988
(21) EP17187829.1
(22) 24.08.2017
(54) MODELLING SYSTEM AND METHOD
(73) Nctech Ltd
(72) TOCHER, Neil
URE, Cameron
AHMADIAN, Mansour
(74) ir. H.A. Witmans c.s.
(31) 201614580
(32) 26.08.2016
(33) United Kingdom
(47) 20.03.2024

(51) G06V 10/60
G06V 20/10
G06T 5/00
H04N 23/741
(11) EP3535691
(21) EP17791067.6
(22) 26.10.2017
(54) METHOD AND DEVICE FOR ESTIMATING CAST SHADOW REGIONS AND/OR HIGHLIGHT REGIONS IN IMAGES
(73) InterDigital Madison Patent Holdings, SAS
(72) GENDRON, David
STAUDER, Jurgen
ROBERT, Philippe
(74) dr. R.C. van Duijvenbode c.s.
(31) 16306441
(32) 03.11.2016
(33) European Patent Office (EPO)
(47) 24.04.2024

(51) G06V 10/82
G06V 20/50
(11) EP3635617
(21) EP18769845.1
(22) 22.05.2018
(54) SYSTEMS AND METHODS FOR IMAGE PROCESSING
(73) Leidos Security Detection & Automation, Inc.
(72) FOLAND, Andrew D.
PERTICONE, David
(74) dr. A. Krebs
(31) 201762509676 P
(32) 22.05.2017
(33) United States of America
(47) 08.05.2024

(51) G06V 10/94
G06V 20/52
(11) EP3374925
(21) EP16791584.2
(22) 04.11.2016
(54) IMAGE PROCESSING SYSTEM
(73) Signify Holding B.V.
(72) HAVERLAG, Marco
DELNOIJ, Roger, Peter, Anna
PANDHARIPANDE, Ashish, Vijay
(31) 15194185
(32) 12.11.2015
(33) European Patent Office (EPO)
(47) 01.05.2024

(51) G07D 11/12
G07D 11/14
G07D 11/16
G07D 11/22
G07D 11/235
(11) EP3080785
(21) EP14812132.0
(22) 09.12.2014
(54) INTAKE MODULE AND METHOD FOR SUPPLYING VALUE DOCUMENTS TO A VALUE DOCUMENT PROCESSING DEVICE AND A SYSTEM FOR PROCESSING VALUE DOCUMENTS
(73) Giesecke+Devrient Currency Technology GmbH
(72) KÖNIGER, Wolfgang
DEMMELER, Erwin
GULDNER, Evelyn
DOPFER, Peter
(74) ir. W.J.J.M. Kempes
(31) 102013020895
(32) 11.12.2013
(33) Germany
(47) 08.05.2024

(51) G07D 11/125
G07D 11/225
G07D 11/30
(11) EP4172962
(21) EP21735960.3
(22) 25.06.2021
(54) SECURE CONTAINER FOR STORING OR TRANSPORTING VALUE DOCUMENTS, AND SYSTEM FOR SECURING STORAGE AND TRANSPORTATION OF VALUE DOCUMENTS
(73) SICPA HOLDING SA
(72) REINHARD, Christine
SUICHIES, Bart
DEMANGE, Raynald
MAYER, Alain
NICOLOV, Kalin
(74) dr. W.A.H.M. Van Borm
(31) 20183032
(32) 30.06.2020
(33) European Patent Office (EPO)
(47) 17.04.2024

(51) G07F 11/16
G07F 11/10
G07F 11/28
G07F 11/30
G07F 11/38
G07F 11/42
G07F 11/00
(11) EP3555868
(21) EP17881598.1
(22) 17.11.2017
(54) LEAN VENDING MACHINE
(73) PepsiCo, Inc.
(72) IOV, Claudiu
LI, Xuejun
MIHAILA, Marius
SANDOR, Jozsef
BUTNARU, Ovidiu
JAFA, Emad
SMITKO, Andrei
(74) J.M.H. Duyver lic.
(31) 201615382042
(32) 16.12.2016
(33) United States of America
(47) 17.04.2024

(51) G08G 1/16
G05D 1/02
G08G 1/0967
(11) EP3586326
(21) EP18703967.2
(22) 05.02.2018
(54) SYSTEM AND METHOD FOR THE SECURE AND EFFICIENT PROVISION OF AT LEAST PARTLY AUTOMATED DRIVING MODES
(73) Bayerische Motoren Werke Aktiengesellschaft
(72) JURK, Reinhard
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 102017203022
(32) 24.02.2017
(33) Germany
(47) 01.05.2024

(51) G09G 3/3233
(11) EP3846159
(21) EP20214372.3
(22) 15.12.2020
(54) POWER MANAGEMENT DRIVER AND DISPLAY DEVICE HAVING THE SAME
(73) Samsung Display Co., Ltd.
(72) LEE, Dae Sik
LEE, Sang Hyun
SUNG, Si Duk
(74) ir. H.A. Witmans c.s.
(31) 20190179066
(32) 31.12.2019
(33) Korea (Republic)
(47) 27.03.2024

(51) G09G 3/3233
(11) EP3951761
(21) EP21164385.3
(22) 23.03.2021

(54) SYSTEM AND METHOD FOR TRANSISTOR PARAMETER ESTIMATION
(73) Samsung Display Co., Ltd.
(72) MALHOTRA, Gaurav
(74) ir. H.A. Witmans c.s.
(31) 202017070842
202063062898 P
(32) 14.10.2020
07.08.2020
(33) United States of America
United States of America
(47) 01.05.2024

(51) G09G 3/3233
H02M 3/156
H02M 3/158
(11) EP3211778
(21) EP17158196.0
(22) 27.02.2017
(54) DC-DC CONVERTER AND DISPLAY APPARATUS HAVING THE SAME
(73) Samsung Display Co., Ltd
(72) PARK, Sung-Chun
(74) ir. H.A. Witmans c.s.
(31) 20160023743
(32) 26.02.2016
(33) Korea (Republic)
(47) 27.03.2024

(51) G10G 7/00
G10H 1/34
G10H 1/00
G10C 3/12
(11) EP4002348
(21) EP20898469.0
(22) 05.12.2020
(54) MULTIMEDIA TRANSPORTER AND MULTIMEDIA TRANSPORTER SYSTEM FOR A MODULAR PIANO KEYBOARD
(73) Pocketpiano, S.L.
(72) BERGADA BOMBI, Josep
(74) P.J. Pollard B.Eng
(31) 201932052 U
(32) 13.12.2019
(33) Spain
(47) 13.03.2024

(51) G10L 15/22
(11) EP3608906
(21) EP19190558.7
(22) 07.08.2019
(54) SYSTEM FOR PROCESSING USER VOICE UTTERANCE AND METHOD FOR OPERATING SAME
(73) Samsung Electronics Co., Ltd.
(72) Iacono, Marco Paolo Antonio
Gabel, Mark Gregory
Han, Chunga
Brigham, Christopher Dean
Bhushan, Gaurav
Yi, Jisoo
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 20180169308
201862715489 P
(32) 26.12.2018
07.08.2018
(33) Korea (Republic)
United States of America
(47) 22.05.2024

(51) G10L 15/22
G10L 15/02
G10L 15/04
G10L 17/12
G10L 15/32
G10L 21/0208
G10L 21/0316
G10L 21/02
(11) EP3753015
(21) EP19755020.5
(22) 11.02.2019
(54) TRIGGER WORD DETECTION WITH MULTIPLE DIGITAL ASSISTANTS
(73) Roku, Inc.
(72) MEDDING, Gregory
CURTIS, Robert
ELTSOV, Andrey
MAKER, Frank
(74) dr. R.C. van Duijvenbode c.s.
(31) 201815895047
(32) 13.02.2018
(33) United States of America
(47) 24.04.2024

(51) G10L 15/22
G10L 21/0216
G10L 15/08
(11) EP3926624
(21) EP20777736.8
(22) 26.03.2020
(54) VOICE AWAKENING METHOD AND APPARATUS, AND DEVICE AND MEDIUM
(73) Honor Device Co., Ltd.
(72) ZHANG, Ke
CHEN, Liwen
(74) ir. W.J.J.M. Kempes
(31) 201910243897
(32) 28.03.2019
(33) China
(47) 22.05.2024

(51) G10L 19/008
(11) EP3926626
(21) EP21190295.2
(22) 07.10.2016
(54) LAYERED CODING AND DATA STRUCTURE FOR COMPRESSED HIGHER-ORDER AMBISONICS SOUND OR SOUND FIELD REPRESENTATIONS
(73) Dolby International AB
(72) KRUEGER, Alexander
KORDON, Sven
(74) J.M.H. Duyver lic.
(31) 201662361863 P
15306591
(32) 13.07.2016
08.10.2015
(33) United States of America
European Patent Office (EPO)
(47) 22.05.2024

(51) G10L 21/038
(11) EP3327722
(21) EP17206569.0
(22) 04.02.2015
(54) IMPROVED FREQUENCY BAND EXTENSION IN AN AUDIO FREQUENCY SIGNAL DECODER
(73) Koninklijke Philips N.V.
(72) RAGOT, Stéphane
KANIEWSKA, Magdalena
(74) dr. R.C. van Duijvenbode c.s.
(31) 1450969
(32) 07.02.2014
(33) France
(47) 10.04.2024

(51) G10L 21/038
(11) EP3330967
(21) EP17206567.4
(22) 04.02.2015
(54) IMPROVED FREQUENCY BAND EXTENSION IN AN AUDIO FREQUENCY SIGNAL DECODER
(73) Koninklijke Philips N.V.
(72) KANIEWSKA, Magdalena
RAGOT, Stéphane
(74) dr. R.C. van Duijvenbode c.s.
(31) 1450969
(32) 07.02.2014
(33) France
(47) 10.04.2024

(51) G11C 11/56
G11C 16/04
G11C 16/34
(11) EP4181131
(21) EP22207600.2
(22) 15.11.2022
(54) OPERATION METHOD OF MEMORY DEVICE
(73) Samsung Electronics Co., Ltd.
(72) NAM, Sang-Wan
CHO, Jiho
PARK, Sang-Won
LEE, Yohan
PARK, Eunhyang
(74) ir. H.A. Witmans c.s.
(31) 20220002333
20210157776
202217955858
(32) 06.01.2022
16.11.2021
29.09.2022
(33) Korea (Republic)
Korea (Republic)
United States of America
(47) 03.04.2024

(51) G16B 20/20
G16B 30/10
G16B 40/00
C12Q 1/6827
(11) EP3729441
(21) EP18840007.1
(22) 29.12.2018
(54) MICROSATELLITE INSTABILITY DETECTION
(73) Grail, LLC
(72) HUBBELL, Earl
(74) dr. R.C. van Duijvenbode c.s.
(31) 201816235901
201862699685 P
201762612048 P
(32) 28.12.2018
17.07.2018
29.12.2017
(33) United States of America
United States of America
United States of America
(47) 13.03.2024

(51) G16H 20/13
A61J 1/03
(11) EP3593353
(21) EP18703598.5
(22) 08.02.2018
(54) METHOD AND DEVICE FOR PRODUCING A PILL BOX
(73) OREUS
(72) FOUBET, Michel
FOUBET, Olivier
FOUBET, Grégory
(74) dr. A. Krebs
(31) 1751996
(32) 10.03.2017
(33) France
(47) 10.04.2024

(51) G21G 4/08
G21G 1/00
(11) EP3751584
(21) EP20166470.3
(22) 27.03.2020
(54) SECURITY MECHANISMS FOR RADIOPHARMACEUTICAL ELUTION SYSTEM AND ELUTION PROCESS
(73) Juverdianu, Christian-Leonardo
Riddoch, Robert William
Donnelly, Paul
Santopietro, Riccardo
Lefort, Etienne
(72) Juverdianu, Christian-Leonardo
Lefort, Etienne
Donnelly, Paul
Riddoch, Robert William
Santopietro, Riccardo
(74) dr. R.C. van Duijvenbode c.s.
(31) 201962826730 P
(32) 29.03.2019
(33) United States of America
(47) 29.05.2024

(51) H01B 7/288
H01B 7/14
H01B 7/282
H01B 3/44
H01B 7/28
(11) EP3314615
(21) EP15731302.4
(22) 23.06.2015
(54) ELECTRIC POWER CABLE AND A PROCESS FOR THE PRODUCTION OF THE POWER CABLE
(73) NKT HV Cables AB
(72) SUNNEGÅRDH, Peter
NILSSON, Ulf
ENGLUND, Villgot
GHORBANI, Hossein
THORN, Niklas
HAGSTRAND, Per-Ola
SILFVERBERG, Emy
OLSSON, Carl-Olof
KÄLLSTRAND, Birgitta
(74) dr. R.C. van Duijvenbode c.s.
(47) 15.05.2024

(51) H01L 21/28
G11C 11/22
H01L 29/51
H01L 29/66
H01L 29/78
H01L 21/02
H01L 29/49
(11) EP3236487
(21) EP17167457.5
(22) 21.04.2017
(54) METHOD OF MAKING SEMICONDUCTOR FERROELECTRIC MEMORY ELEMENT AND SEMICONDUCTOR FERROELECTRIC MEMORY TRANSISTOR
(73) National Institute of Advanced Industrial Science and Technology
WACOM R&D Corporation
(72) Takahashi, Mitsue
Toda, Masayuki
Kusuhara, Masaki
Sakai, Shigeki
Umeda, Masaru
Sasaki, Yoshikazu
(74) drs. A.A. Jilderda
(31) 2016086570
(32) 22.04.2016
(33) Japan
(47) 05.06.2024

(51) H01L 27/12
H10K 59/131
(11) EP3863052
(21) EP20209364.7
(22) 24.11.2020
(54) DISPLAY DEVICE
(73) Samsung Display Co., Ltd.
(72) Cho, Yoonjong
Kim, Donghwi
Jeon, Jin
(74) drs. A.A. Jilderda
(31) 20200015203
(32) 07.02.2020
(33) Korea (Republic)
(47) 08.05.2024

(51) H01L 27/146
(11) EP3813116
(21) EP19818806.2
(22) 13.06.2019
(54) IMAGING DEVICE AND METHOD FOR MANUFACTURING SAME, AND ELECTRONIC APPARATUS
(73) Sony Semiconductor Solutions Corporation
(72) MIYANAMI, Yuki
OKUYAMA, Atsushi
(74) ir. W.J.J.M. Kempes
(31) 2019108072
2018114537
(32) 10.06.2019
15.06.2018
(33) Japan
Japan
(47) 22.05.2024

(51) H01L 31/05
H01L 31/054
H01L 31/18
(11) EP3998640
(21) EP20836991.8
(22) 09.05.2020
(54) CONDUCTIVE MEMBER AND MANUFACTURING METHOD THEREFOR, AND PHOTOVOLTAIC ASSEMBLY AND MANUFACTURING METHOD THEREFOR
(73) CSI Solar Co., Ltd.
Canadian Solar Manufacturing (Changshu) Inc.
CSI Cells Co., Ltd.
(72) DENG, Shifeng
XING, Guoqiang
DONG, Jingbing
CHEN, Hui
XU, Tao
(74) dr. R.C. van Duijvenbode c.s.
(31) 201910616823
(32) 09.07.2019
(33) China
(47) 01.05.2024

(51) H01M 4/587
H01M 4/133
H01M 10/0525
C01B 32/05
C01B 32/20
C01G 45/12
C01G 51/00
C01G 53/00
H01G 11/24
H01G 11/32
H01G 11/50
H01M 4/02
(11) EP3968416
(21) EP20938521.0
(22) 04.06.2020
(54) NEGATIVE ELECTRODE ACTIVE MATERIAL, AND ELECTROCHEMICAL DEVICE AND ELECTRONIC DEVICE USING NEGATIVE ELECTRODE ACTIVE MATERIAL
(73) Ningde Amperex Technology Ltd.
(72) HE, Lihong
DONG, Jiali
XIE, Yuansen
TANG, Jia
(74) J.M.H. Duyver Iic.
(47) 15.05.2024

(51) H01M 8/0202
C25B 9/65
H01M 8/0247
H01M 8/0271
H01M 8/124
H01M 8/12
H01M 8/0258
H01M 8/0273
H01M 8/0276
H01M 8/028
H01M 8/0286
(11) EP4107803
(21) EP21704804.0
(22) 15.02.2021
(54) SOC STACK COMPRISING INTEGRATED INTERCONNECT AND SPACER
(73) Topsoe A/S
(72) HEIREDAL-CLAUSEN, Thomas
KÜNGAS, Rainer
NØRBY, Tobias Holt
RASS-HANSEN, Jeppe
BLENNOW, Bengt Peter Gustav
NIELSEN, Martin Refslund
(74) J.M.H. Duyver Iic.
(31) 20157590
(32) 17.02.2020

(33) European Patent Office (EPO)
(47) 10.04.2024

(51) H01M 10/04
H01M 50/105
H01M 50/124
H01M 50/178
H01M 50/548
H01M 50/557
(11) EP3690976
(21) EP20152290.1
(22) 16.01.2020
(54) BATTERY CELL AND BATTERY
(73) DONGGUAN POWERAMP TECHNOLOGY LIMITED
(72) Liang, Wei
LI, SUO-CHEN
(74) J.M.H. Duyver lic.
(31) 201910099632
(32) 31.01.2019
(33) China
(47) 10.04.2024

(51) H01M 50/213
H01M 50/383
(11) EP3740978
(21) EP19702807.9
(22) 04.01.2019
(54) BATTERY POWER SUPPLY FOR AN INDUSTRIAL TRUCK WHICH IS USED IN A REGION IN WHICH THERE IS A RISK OF EXPLOSION
(73) Stöcklin Logistik AG
(72) BACKHAUS, Jörg
(74) dr. R.C. van Duijvenbode c.s.
(31) 102018100912
(32) 17.01.2018
(33) Germany
(47) 13.03.2024

(51) H01M 50/271
H01M 50/50
H01M 10/613
H01M 10/625
H01M 10/643
H01M 10/653
H01M 10/6554
H01M 10/658
H01M 50/213
H01M 50/24
H01M 50/249
H01M 50/502
(11) EP3800694
(21) EP19865384.2
(22) 10.09.2019
(54) BATTERY CELL ASSEMBLY, BATTERY MODULE INCLUDING SAME BATTERY CELL ASSEMBLY, BATTERY PACK INCLUDING SAME BATTERY MODULE, AND AUTOMOBILE INCLUDING SAME BATTERY PACK
(73) LG Energy Solution, Ltd.
(72) KANG, Dal-Mo
KWON, Min-Ho
MUN, Jeong-O
RYU, Jae-Uk
LEE, Jung-Hoon
(74) dr. R.C. van Duijvenbode c.s.
(31) 20180116523
(32) 28.09.2018
(33) Korea (Republic)
(47) 15.05.2024

(51) H01Q 1/02
H01Q 1/24
H01Q 21/28
(11) EP3061151
(21) EP14795903.5
(22) 22.10.2014
(54) COMPACT WIRELESS ANTENNAE MOUNTING WITH ELECTROSTATIC DISCHARGE PROTECTION
(73) InterDigital Madison Patent Holdings, SAS
(72) RITTER, Darin, Bradley
DERNIER,William, P.
HUNT, Mickey, Jay
(74) dr. R.C. van Duijvenbode c.s.
(31) 201462009538 P
201361894985 P
(32) 09.06.2014
24.10.2013
(33) United States of America
United States of America
(47) 24.04.2024

(51) H01Q 1/22
H01Q 1/24
H01Q 1/38
H01Q 21/00
H01Q 21/28
H01Q 23/00
(11) EP3721503
(21) EP17825507.1
(22) 20.12.2017
(54) A COMMUNICATION DEVICE AND A METHOD IN A COMMUNICATION DEVICE
(73) HUAWEI TECHNOLOGIES CO., LTD.
(72) WANG, Hanyang
KHRIPKOV, Alexander
LI, Linsheng
LUO, Hongting
TU, Dongxing
MILOSAVLJEVIC, Zlatoljub
(74) ir. W.J.J.M. Kempes
(47) 27.03.2024

(51) H01Q 1/24
H01Q 1/52
H04B 1/3816
(11) EP4106105
(21) EP22731460.6
(22) 10.02.2022
(54) ELECTRONIC COMPONENT CONNECTION STRUCTURE AND ELECTRONIC DEVICE
(73) Honor Device Co., Ltd.
(72) GAO, Jiuliang
WANG, Yan
(74) ir. W.J.J.M. Kempes
(31) 202120944650 U
(32) 30.04.2021
(33) China
(47) 29.05.2024

(51) H01Q 3/24
H01Q 9/28
H01Q 15/10
H01Q 19/06
H01Q 21/29
(11) EP3963666
(21) EP20708936.8
(22) 31.01.2020
(54) HIGH PERFORMANCE LENS ANTENNA SYSTEMS
(73) INTEL Corporation
(72) CHIN, Cheng-Yuan
ZHOU, Zhen
YANG, Tae Young
SADRI, Ali
CHOUDHURY, Debabani
XU, Shengbo
JACKSON, Bradley
(74) ir. W.J.J.M. Kempes
(31) 201916399451
(32) 30.04.2019
(33) United States of America
(47) 24.04.2024

(51) H02J 3/14
H02J 3/38
(11) EP3563462
(21) EP18700012.0
(22) 02.01.2018
(54) METHOD FOR CONTROLLING AN ELECTRICAL DISTRIBUTION NETWORK
(73) Wobben Properties GmbH
(72) BROMBACH, Johannes
BLAAK, Isabel
SCHUBERT, Katharina
(74) dr. R.C. van Duijvenbode c.s.
(31) 102016125947
(32) 30.12.2016
(33) Germany
(47) 15.05.2024

(51) H02J 7/00
B60L 58/21
H01M 10/42
H01M 10/44
(11) EP4094341
(21) EP21702117.9
(22) 21.01.2021
(54) BATTERY SYSTEM AND BATTERY MANAGEMENT METHOD
(73) Ola Electric Mobility B.V.
(72) THENGODKAR, Prasanna
JACOBSZ ROSIER, Bart
KOUDIJS, Joris
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 2024712
(32) 21.01.2020
(33) Netherlands
(47) 06.03.2024

(51) H02M 1/32
H02M 1/36
H02M 7/12
G05F 1/66
H02M 7/217
H02M 1/08
(11) EP3533141
(21) EP17865133.7
(22) 11.08.2017
(54) LOAD IDENTIFYING AC POWER SUPPLY WITH CONTROL AND METHODS
(73) Intelesol, LLC
(72) TELEFUS, Mark
RODRIGUEZ, Harry
CASEY, Thar
CASEY, Chris

(74) ir. H.J.G. Lips c.s.
(31) 201662431926 P
201662414467 P
(32) 09.12.2016
28.10.2016
(33) United States of America
United States of America
(47) 24.04.2024

(51) H02M 3/158
H02M 3/07
H02M 1/36
G06K 19/07
H02J 1/08
H02M 1/10
(11) EP3930162
(21) EP21177968.1
(22) 07.06.2021
(54) BI-DIRECTIONAL VOLTAGE CONVERTER OF SMART CARD AND SMART CARD INCLUDING THE SAME
(73) Samsung Electronics Co., Ltd.
(72) KIM, Junho
CHANG, Jisoo
JANG, Eunsang
(74) ir. H.A. Witmans c.s.
(31) 20200108035
20200077866
(32) 26.08.2020
25.06.2020
(33) Korea (Republic)
Korea (Republic)
(47) 20.03.2024

(51) H02M 5/458
H02J 3/38
H02J 3/00
F03D 7/02
F03D 7/04
(11) EP3820037
(21) EP20205974.7
(22) 05.11.2020
(54) SYSTEMS AND METHODS FOR CONTROLLING WIND CONVERTERS
(73) General Electric Renovables España, S.L.
(72) Peron, Virginie
Lagarde, Alexandre
Hao, Liwei
He, Lijun
Wang, Honggang
de Rocca-Serra, Raphael
Tiwari, Arvind Kumar
(74) J.M.H. Duyver Iic.
(31) 201916676192
(32) 06.11.2019
(33) United States of America
(47) 08.05.2024

(51) H02N 2/02
H10N 30/20
(11) EP3994737
(21) EP20757213.2
(22) 03.07.2020
(54) AN ULTRASONIC ACTUATOR AND A MOTOR HAVING SUCH AN ULTRASONIC ACTUATOR
(73) Physik Instrumente (PI) GmbH & Co. KG
(72) HÜBNER, Reinhard
(74) dr. R.C. van Duijvenbode c.s.
(31) 102019118198
(32) 05.07.2019
(33) Germany
(47) 15.05.2024

(51) H03K 17/0412
H03K 17/72
H03K 17/74
(11) EP3982539
(21) EP21196425.9
(22) 13.09.2021
(54) SWITCHING ARRANGEMENT
(73) Eaton Intelligent Power Limited
(72) Cejnar, Pavel
(74) dr. W.A.H.M. Van Borm
(31) 202016017
(32) 09.10.2020
(33) United Kingdom
(47) 27.03.2024

(51) H03K 17/082
G01R 19/165
H02H 3/08
(11) EP4062535
(21) EP20811258.1
(22) 18.11.2020
(54) OVERCURRENT DETECTOR
(73) Eaton Intelligent Power Limited
(72) HAUER, Wolfgang
(74) dr. W.A.H.M. Van Borm
(31) 201916916
(32) 20.11.2019
(33) United Kingdom
(47) 15.05.2024

(51) H03L 7/093
H03L 7/08
H03L 7/197
H03C 3/09
(11) EP3264609
(21) EP17175597.8
(22) 12.06.2017
(54) PERFORMANCE INDICATOR FOR PHASE LOCKED LOOPS
(73) Apple Inc.
(72) MENKHOFF, Andreas
WICPALEK, Christian
BUCKEL, Tobias
(74) ir. A.R. Aalbers
(31) 201615198115
(32) 30.06.2016
(33) United States of America
(47) 22.05.2024

(51) H03M 5/20
H03M 5/14
H04L 25/49
(11) EP4057516
(21) EP22160754.2
(22) 08.03.2022
(54) ENCODING APPARATUSES FOR IMPLEMENTING MULTI-MODE CODING
(73) Samsung Electronics Co., Ltd.
(72) CHOI, Junghwan
CHOI, Youngdon
KIM, Jiyoup
LEE, Sucheol
SEOL, Changkyu
YOON, Pilsang
KWAK, Myoungbo
SO, Hyejeong
(74) ir. H.A. Witmans c.s.
(31) 20210174016
20210059510
20210031487
(32) 07.12.2021
07.05.2021
10.03.2021
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
(47) 27.03.2024

(51) H04B 7/06
H04L 5/00
H04B 7/0404
(11) EP3794745
(21) EP19728812.9
(22) 16.05.2019
(54) USE-CASES AND CONSTRAINTS ON MULTIPLE SRS RESOURCE SETS FOR ANTENNA SWITCHING IN NR REL-15
(73) QUALCOMM INCORPORATED
(72) MANOLAKOS, Alexandros
(74) dr. R.C. van Duijvenbode c.s.
(31) 201916413372
201862673634 P
(32) 15.05.2019
18.05.2018
(33) United States of America
United States of America
(47) 29.05.2024

(51) H04H 20/30
H04H 20/42
(11) EP4145728
(21) EP22197979.2
(22) 28.01.2009
(54) APPARATUS FOR TRANSMITTING AND RECEIVING BROADCAST SERVICE DATA IN A BROADCASTING COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) Lim, Yeon-Ju
Kim, Jae-Yoel
Lee, Hak-Ju
Myung, Seho
Yun, Sung-Ryul
Jeong, Hong-Sil
Kwon, Hwan-Joon
(74) dr. R.C. van Duijvenbode c.s.
(31) 20080011005
20080008800
(32) 04.02.2008
28.01.2008
(33) Korea (Republic)
Korea (Republic)
(47) 24.04.2024

(51) H04L 1/00
H04N 21/00
(11) EP4005119
(21) EP19749969.2
(22) 23.07.2019
(54) RADIO FREQUENCY CONDITION AWARE AUDIO BUFFERING
(73) Google LLC
(72) HURWITZ, Jonathan D.
(74) dr. A. Krebs
(47) 08.05.2024

(51) H04L 1/00
H04W 84/12
H04L 27/26
H04L 5/00

H04W 74/00
H04W 74/08
(11) EP4131813
(21) EP22197573.3
(22) 26.12.2016
(54) WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION TERMINAL, WHICH USE DISCONTINUOUS CHANNEL
(73) Wilus Institute of Standards and Technology Inc.
SK TELECOM CO. LTD
(72) KWAK, Jinsam
KO, Geonjung
AHN, Woojin
SON, Juhyung
(74) dr. R.C. van Duijvenbode c.s.
(31) 20160083756
20160062422
20160059182
20160030006
20160026683
20160005835
20160004471
20150186871
(32) 01.07.2016
20.05.2016
14.05.2016
13.03.2016
04.03.2016
18.01.2016
13.01.2016
24.12.2015
(33) Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
Korea (Republic)
(47) 03.04.2024

(51) H04L 1/18
(11) EP3793116
(21) EP20187836.0
(22) 27.07.2020
(54) SYSTEMS AND METHODS FOR IMPLEMENTING HYBRID AUTOMATIC REPEAT REQUEST RETRANSMISSION SCHEDULING
(73) Samsung Electronics Co., Ltd.
(72) IBRAHIM, Mostafa Sayed Roshdy
RANGANATH, Ashok
DUAN, Ruchen
KANDALA, Srinivas
LEE, Wook Bong
(74) ir. H.A. Witmans c.s.
(31) 202016935024
201962900288 P
(32) 21.07.2020
13.09.2019
(33) United States of America
United States of America
(47) 27.03.2024

(51) H04L 1/18
H04W 28/04
H04W 84/12
H04L 1/16
H04W 74/00
H04W 74/08
(11) EP3678314
(21) EP18851426.9
(22) 17.08.2018
(54) COMMUNICATION DEVICE AND METHOD
(73) Sony Group Corporation
(72) SUGAYA Shigeru
TANAKA Yusuke
(74) ir. W.J.J.M. Kempes
(31) 2017166870
(32) 31.08.2017
(33) Japan
(47) 22.05.2024

(51) H04L 1/1825
H04L 5/00
H04L 25/02
H04L 1/1607
H04W 52/14
H04L 1/1867
H04B 17/309
H04B 17/373
H04W 52/24
H04W 52/48
H04W 52/22
(11) EP3939192
(21) EP19711592.6
(22) 15.03.2019
(54) EARLY RELEASING UPLINK RETRANSMISSION MEMORY BASED UPON PREDICTION OF UPLINK RETRANSMISSION INDICATOR
(73) INTEL Corporation
(72) YU, Zhibin
RAO, Jianqiang
(74) ir. W.J.J.M. Kempes
(47) 24.04.2024

(51) H04L 5/00
H04B 7/06
(11) EP3873020
(21) EP21157195.5
(22) 30.04.2018
(54) BEAM-BASED PDCCH TRANSMISSION IN NR
(73) InterDigital Patent Holdings, Inc.
(72) TAHERZADEH BOROUJENI, Mahmoud
CANONNE-VELASQUEZ, Loic
HAGHIGHAT, Afshin
OTERI, Oghenekome
NAYEB NAZAR, Shahrokh
(74) dr. R.C. van Duijvenbode c.s.
(31) 201762599124 P
201762543087 P
201762519555 P
201762500645 P
(32) 15.12.2017
09.08.2017
14.06.2017
03.05.2017
(33) United States of America
United States of America
United States of America
United States of America
(47) 01.05.2024

(51) H04L 5/00
H04L 1/00
H04L 1/18
H04L 1/1829
H04L 1/1867
H04W 72/02
H04W 72/04
H04W 76/14
H04W 92/18
H04W 4/40
(11) EP4236163
(21) EP23168731.0
(22) 28.10.2019
(54) METHOD BY WHICH TERMINAL PERFORMS SIDELINK OPERATION IN WIRELESS COMMUNICATION SYSTEM, AND TERMINAL USING METHOD
(73) LG Electronics Inc.
(72) JUNG, Sunghoon
SEO, Hanbyul
(74) J.M.H. Duyver Iic.
(31) 201862751694 P
(32) 28.10.2018
(33) United States of America
(47) 22.05.2024

(51) H04L 5/00
H04W 74/00
H04L 27/26
(11) EP3425839
(21) EP18190117.4
(22) 14.03.2013
(54) METHOD AND APPARATUS FOR SUPPORTING COORDINATED ORTHOGONAL BLOCK-BASED RESOURCE ALLOCATION (COBRA) OPERATIONS
(73) InterDigital Patent Holdings, Inc.
(72) OLESEN, Robert L.
LA SITA, Frank
MURIAS, Ronald G.
WANG, Xiaofei
SHAH, Nirav B.
ZHANG, Guodong
LOU, Hanqing
GHOSH, Monisha
(74) dr. R.C. van Duijvenbode c.s.
(31) 201361751453 P
201261724438 P
201261640219 P
(32) 11.01.2013
09.11.2012
30.04.2012
(33) United States of America
United States of America
United States of America
(47) 01.05.2024

(51) H04L 5/00
H04W 74/08
(11) EP3874654
(21) EP19801767.5
(22) 31.10.2019
(54) RESOURCE-STAGGERED CODED MULTIPLE ACCESS
(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(72) UTKOVSKI, Zoran
THIELE, Lars
HAUSTEIN, Thomas
DOMMEL, Johannes
(74) ir. F.A. Geurts c.s.
(31) 18204207
(32) 02.11.2018

(33) European Patent Office (EPO)
(47) 13.03.2024

(51) H04L 9/32
H04L 9/00
(11) EP3834362
(21) EP19737560.3
(22) 15.07.2019
(54) DIGITAL FILE ANTI-FORGERY PROTECTION
(73) SICPA HOLDING SA
(72) THEVOZ, Philippe
GILLET, Philippe
WALLACE, Elisabeth
DECOUX, Eric
(74) dr. W.A.H.M. Van Borm
(31) 18187473
(32) 06.08.2018
(33) European Patent Office (EPO)
(47) 10.04.2024

(51) H04L 9/32
H04L 9/40
H04L 41/28
(11) EP3843329
(21) EP21158818.1
(22) 31.05.2017
(54) DEVICE AUTHENTICATION BASED UPON TUNNEL CLIENT NETWORK REQUESTS
(73) Airwatch LLC
(72) BRANNON, Jonathan Blake
JAIN, Ashish
NEWELL, Craig Farley
BARDAY, Kabir
(74) dr. R.C. van Duijvenbode c.s.
(31) 201615168394
(32) 31.05.2016
(33) United States of America
(47) 08.05.2024

(51) H04L 9/40
G06F 21/56
G06F 21/57
G06F 21/55
(11) EP3835986
(21) EP21155170.0
(22) 06.03.2018
(54) SYSTEMS AND METHODS FOR SUBSCRIPTION MANAGEMENT OF SPECIFIC CLASSIFICATION GROUPS BASED ON USER'S ACTIONS
(73) KnowBe4, Inc.
(72) IRIMIE, Alin
KRAS, Greg
(74) ir. J.D. de Zeeuw
(31) 201715674757
201715481041
(32) 11.08.2017
06.04.2017
(33) United States of America
United States of America
(47) 17.04.2024

(51) H04L 12/46
(11) EP3378201
(21) EP16798864.1
(22) 29.10.2016
(54) LOAD BALANCING OVER MULTIPLE TUNNEL ENDPOINTS
(73) Nicira Inc.
(72) SHEN, Jianjun
TESSMER, Alexander
WANG, Hua
HIRA, Mukesh
THAKKAR, Pankaj
(74) dr. R.C. van Duijvenbode c.s.
(31) 201514956775
201514956736
201514956716
201514956756
(32) 02.12.2015
02.12.2015
02.12.2015
02.12.2015
(33) United States of America
United States of America
United States of America
United States of America
(47) 17.04.2024

(51) H04L 41/0663
H04L 41/142
H04L 41/14
H04L 41/147
(11) EP3847781
(21) EP19790342.0
(22) 24.09.2019
(54) APPLICATION OF MACHINE LEARNING FOR BUILDING PREDICTIVE MODELS ENABLING SMART FAIL OVER BETWEEN DIFFERENT NETWORK MEDIA TYPES
(73) Microsoft Technology Licensing, LLC
(72) SRINIVASAN, Harish
HORTON, Keith Edgar
(74) dr. W.A.H.M. Van Borm
(31) 201816160814
(32) 15.10.2018
(33) United States of America
(47) 01.05.2024

(51) H04L 45/302
H04L 41/0894
H04W 40/02
H04W 48/18
(11) EP4250672
(21) EP22164347.1
(22) 25.03.2022
(54) METHOD FOR USING OR APPLYING USER EQUIPMENT ROUTE SELECTION POLICY INFORMATION WHEN OPERATING A USER EQUIPMENT CONNECTED TO A TELECOMMUNICATIONS NETWORK, USER EQUIPMENT, SYSTEM OR TELECOMMUNICATIONS NETWORK, COMPUTER-READABLE MEDIUM AND COMPUTER PROGRAM PRODUCT
(73) Deutsche Telekom AG
(72) COLOM IKUNO, Josep
LAUSTER, Reinhard
(74) dr. R.C. van Duijvenbode c.s.
(47) 01.05.2024

(51) H04L 67/00
(11) EP3939239
(21) EP20717055.6
(22) 13.03.2020
(54) DYNAMIC NETWORK CAPABILITY CONFIGURATION
(73) InterDigital Patent Holdings, Inc.
(72) STARSINIC, Michael, F.
LY, Quang
NINGLEKHU, Jiwan, L.
SEED, Dale, N.
LI, Hongkun
CHEN, Zhuo
MLADIN, Catalina, Mihaela
DI GIROLAMO, Rocco
(74) dr. R.C. van Duijvenbode c.s.
(31) 201962931376 P
201962817811 P
(32) 06.11.2019
13.03.2019
(33) United States of America
United States of America
(47) 01.05.2024

(51) H04L 67/12
H04L 67/51
(11) EP4173268
(21) EP21755106.8
(22) 28.06.2021
(54) DISTRIBUTED AMBIENT COMPUTING WITHIN AN ENVIRONMENT
(73) Google LLC
(72) KIM, Byungchui
MIXTER, Kenneth
MACKAY, Ken
(74) dr. R.C. van Duijvenbode c.s.
(31) 202063045778 P
(32) 29.06.2020
(33) United States of America
(47) 24.04.2024

(51) H04L 67/141
H04W 28/06
H04W 28/04
H04L 1/00
H04L 69/04
H04L 1/1829
H04L 1/1867
(11) EP3903525
(21) EP20801560.2
(22) 08.05.2020
(54) USER DATA COMPRESSION METHOD AND APPARATUS FOR PREVENTING DATA LOSS IN WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) KIM, Donggun
(74) dr. R.C. van Duijvenbode c.s.
(31) 20190053577
(32) 08.05.2019
(33) Korea (Republic)
(47) 08.05.2024

(51) H04M 1/72412
H04M 1/72436
H04L 51/046
H04L 9/40
H04M 1/72448
H04W 12/06
(11) EP3684037
(21) EP17927610.0
(22) 26.09.2017
(54) METHOD FOR PROCESSING NOTIFICATION MESSAGE AND TERMINAL
(73) Huawei Technologies Co., Ltd.
(72) MEI, Jingqing
(74) ir. W.J.J.M. Kempes
(47) 24.04.2024

(51) H04N 1/387
(11) EP3567840
(21) EP19181057.1
(22) 18.12.2006
(54) METHODS AND APPARATUS FOR SECURELY DISPLAYING DIGITAL IMAGES
(73) The 41st Parameter, Inc.
(72) YALOV, Raz
EISEN, Ori
(74) ir. W.J.J.M. Kempes
(31) 75118805 P
(32) 16.12.2005
(33) United States of America
(47) 10.04.2024

(51) H04N 7/173
H04N 5/765
H04N 5/91
H04N 5/775
H04N 21/41
H04N 21/436
H04N 21/433
H04L 67/142
H04L 67/125
H04L 65/611
H04L 65/1023
H04L 67/75
(11) EP2840784
(21) EP13778921.0
(22) 08.04.2013
(54) SERVER, CLIENT DEVICE, ARBITRATION METHOD, SERVICE REQUEST METHOD, AND DATA DELIVERY SYSTEM
(73) Sony Interactive Entertainment Inc.
(72) NISHIZAWA, Manabu
MIZUNO, Masayoshi
KOBAYASHI, Yuki
(74) ir. W.J.J.M. Kempes
(31) 2012093334
(32) 16.04.2012
(33) Japan
(47) 29.05.2024

(51) H04N 19/119
H04N 19/176
H04N 19/136
H04N 19/13
H04N 19/91
(11) EP4090023
(21) EP22180597.1
(22) 25.09.2017
(54) ENCODING AND DECODING METHODS AND CORRESPONDING DEVICES
(73) InterDigital Madison Patent Holdings, SAS
(72) ROBERT, Antoine
POIRIER, Tangi
LELEANNEC, Fabrice
(74) dr. R.C. van Duijvenbode c.s.
(31) 16306308
(32) 05.10.2016
(33) European Patent Office (EPO)
(47) 24.04.2024

(51) H04N 19/46
H04N 19/30
H04N 19/186
H04N 19/98
H04N 19/20
H04N 19/65
(11) EP3367685
(21) EP17306780.2
(22) 15.12.2017
(54) METHOD AND DEVICE FOR RECONSTRUCTING IMAGE DATA FROM DECODED IMAGE DATA
(73) InterDigital VC Holdings, Inc.
(72) CARAMELLI, Nicolas
TOUZE, David
ANDRIVON, Pierre
(74) dr. R.C. van Duijvenbode c.s.
(31) 17158481
17305212
(32) 28.02.2017
24.02.2017
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 24.04.2024

(51) H04N 19/463
H04N 19/50
H04N 19/176
H04N 19/61
H04N 19/124
H04N 19/436
(11) EP4114002
(21) EP22187097.5
(22) 27.02.2012
(54) IMAGE CODING APPARATUS, METHOD FOR CODING IMAGE, PROGRAM THEREFOR, IMAGE DECODING APPARATUS, METHOD FOR DECODING IMAGE, AND PROGRAM THEREFOR
(73) Canon Kabushiki Kaisha
(72) MAEDA, Mitsuru
(74) J.M.H. Duyver lic.
(31) 2011051267
(32) 09.03.2011
(33) Japan
(47) 10.04.2024

(51) H04N 19/52
H04N 19/436
H04N 19/593
H04N 19/61
H04N 19/82
(11) EP3754990
(21) EP20189968.9
(22) 06.09.2012
(54) METHOD FOR INDUCING A MERGE CANDIDATE BLOCK
(73) KT Corporation
(72) KIM, Joo Young
KWON, Jae Cheol
LEE, Bae Keun
(74) M.A.T. Beck MSc LL.B
(31) 20120039500
20110096138
(32) 17.04.2012
23.09.2011
(33) Korea (Republic)
Korea (Republic)
(47) 08.05.2024

(51) H04N 19/70
H04N 19/13
H04N 19/36
H04N 19/30
(11) EP3847817
(21) EP19859784.1
(22) 13.09.2019
(54) SLICING AND TILING IN VIDEO CODING
(73) HUAWEI TECHNOLOGIES CO., LTD.
(72) HENDRY, Fnu
WANG, Ye-Kui
CHEN, Jianle
(74) ir. W.J.J.M. Kempes
(31) 201862731696 P
(32) 14.09.2018
(33) United States of America
(47) 15.05.2024

(51) H04N 19/82
H04N 19/86
H04N 19/105
H04N 19/132
H04N 19/70
H04N 19/59
(11) EP4060996
(21) EP20898548.1
(22) 11.12.2020
(54) FILTERING-BASED IMAGE CODING METHODS
(73) LG Electronics Inc.
(72) HENDRY, Hendry
PALURI, Seethal
KIM, Seunghwan
(74) J.M.H. Duyver lic.
(31) 201962947505 P
(32) 12.12.2019
(33) United States of America
(47) 15.05.2024

(51) H04N 21/218
G06F 11/10
G11C 7/00
G11C 11/56
H04N 21/2343
H04N 21/238
H04N 21/63
(11) EP3565257
(21) EP19152622.7
(22) 18.01.2019
(54) STORAGE DEVICE AND SERVER INCLUDING THE STORAGE DEVICE
(73) Samsung Electronics Co., Ltd.
(72) HWANG, Joo-young
(74) ir. H.A. Witmans c.s.
(31) 20180050133
(32) 30.04.2018
(33) Korea (Republic)
(47) 20.03.2024

(51) H04N 21/235
H04N 19/587
H04N 19/70
H04N 21/234
H04N 21/435
H04N 21/4402
(11) EP3614680
(21) EP18788541.3
(22) 16.04.2018
(54) TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, RECEPTION METHOD, RECORDING DEVICE, AND RECORDING METHOD
(73) Sony Group Corporation

(72) ETO, Hiroaki
OGURA, Toshiyuki
(74) dr. R.C. van Duijvenbode c.s.
(31) 2017081604
(32) 17.04.2017
(33) Japan
(47) 01.05.2024

(51) H04N 21/236
H04N 21/84
H04N 21/2343
H04N 21/44
H04N 21/845
G11B 27/02
G10L 19/16
G10L 21/0356
G10L 21/055
G06F 3/16
(11) EP4035402
(21) EP20789319.9
(22) 22.09.2020
(54) AUDIO METADATA SMOOTHING
(73) Netflix, Inc.
(72) MIYAGI, Kensuke
NI, Weibo
ZHENG, Weiguo
MUNDAY, Sean
CHING, Rex
TAO, Teresa
(74) dr. R.C. van Duijvenbode c.s.
(31) 202015931442
201962904542 P
(32) 13.05.2020
23.09.2019
(33) United States of America
United States of America
(47) 01.05.2024

(51) H04N 21/2365
H04N 19/30
H04N 19/70
H04N 21/434
H04N 21/2343
(11) EP3416393
(21) EP17750193.9
(22) 06.02.2017
(54) TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE AND RECEPTION METHOD
(73) Saturn Licensing LLC
(72) TSUKAGOSHI, Ikuo
(74) dr. R.C. van Duijvenbode c.s.
(31) 2016023185
(32) 09.02.2016
(33) Japan
(47) 08.05.2024

(51) H04N 21/242
H04N 21/4788
(11) EP2823642
(21) EP12754125.8
(22) 09.08.2012
(54) DISTRIBUTED CONTROL OF SYNCHRONIZED CONTENT
(73) InterDigital Madison Patent Holdings, SAS
(72) REDMANN, William Gibbens
(74) dr. R.C. van Duijvenbode c.s.
(31) 201261609040 P
(32) 09.03.2012
(33) United States of America
(47) 24.04.2024

(51) H04N 23/11
G02B 5/20
H04N 25/13
(11) EP4086673
(21) EP22169212.2
(22) 21.04.2022
(54) SPECTRAL FILTER, AND IMAGE SENSOR AND ELECTRONIC DEVICE INCLUDING SPECTRAL FILTER
(73) Samsung Electronics Co., Ltd.
(72) Roh, Younggeun
Kim, Hyochul
Lee, Jaesoong
(74) dr. R.C. van Duijvenbode c.s.
(31) 20220030947
20210052535
(32) 11.03.2022
22.04.2021
(33) Korea (Republic)
Korea (Republic)
(47) 05.06.2024

(51) H04N 25/59
H04N 25/778
H04N 25/709
H04N 25/60
(11) EP4109888
(21) EP22178913.4
(22) 14.06.2022
(54) UNIT PIXEL CIRCUIT AND IMAGE SENSOR INCLUDING THE SAME
(73) Samsung Electronics Co., Ltd.
(72) PARK, Seokyong
KIM, Kyungmin
(74) ir. H.A. Witmans c.s.
(31) 20210080392
(32) 21.06.2021
(33) Korea (Republic)
(47) 10.04.2024

(51) H04W 8/18
H04W 48/18
H04W 36/12
(11) EP3602960
(21) EP17902716.4
(22) 31.03.2017
(54) METHOD AND APPARATUS FOR SESSION MANAGEMENT FUNCTION SELECTION
(73) ZTE Corporation
(72) ZHU, Jinguo
(74) ir. A.R. Aalbers
(47) 10.04.2024

(51) H04W 8/24
H04B 17/309
H04W 24/10
H04W 56/00
H04B 7/185
(11) EP3908032
(21) EP20735947.2
(22) 02.01.2020
(54) INFORMATION REPORTING METHOD AND TERMINAL
(73) VIVO MOBILE COMMUNICATION CO., LTD.
(72) WU, Kai
JIANG, Dajie
SHEN, Xiaodong
(74) J.M.H. Duyver lic.
(31) 201910009560
(32) 04.01.2019
(33) China
(47) 15.05.2024

(51) H04W 12/06
G06F 21/35
H04W 4/80
H04W 12/71
H04W 8/00
H04W 8/18
H04W 48/02
H04L 67/00
H04L 9/40
(11) EP3656146
(21) EP18740544.4
(22) 06.07.2018
(54) METHOD FOR AUTHENTICATING A USER AND CORRESPONDING USER DEVICE, SERVER AND SYSTEM
(73) Thales Dis France SAS
(72) ALI, Asad Mahboob
SUWIRYA, Darmawan
(74) ir. W.J.J.M. Kempes
(31) 201715656861
(32) 21.07.2017
(33) United States of America
(47) 01.05.2024

(51) H04W 28/10
H04L 47/2475
H04W 76/36
H04W 84/12
(11) EP4161126
(21) EP22186818.5
(22) 31.10.2014
(54) DATA TRAFFIC MANAGEMENT METHOD AND APPARATUS
(73) Honor Device Co., Ltd.
(72) JIANG, Chao
GUO, Shuaisheng
CHEN, Xiaochen
PENG, Qingquan
Xu, Peili
(74) ir. W.J.J.M. Kempes
(47) 17.04.2024

(51) H04W 28/18
H04L 1/1829
H04L 1/1867
H04L 1/00
H04W 72/02
H04W 72/04
H04W 72/12
(11) EP4209042
(21) EP21824452.3
(22) 19.11.2021
(54) SEMI-PERSISTENT SCHEDULING OF MULTICAST AND BROADCAST SERVICES
(73) Ofinno, LLC
(72) XU, Kai
ZHOU, Hua
JEON, Hyoungsuk
PARK, Jonghyun
CIRIK, Ali Cagatay
DINAN, Esmael Hejazi
CHAE, Hyukjin
YI, Yunjung
(74) dr. W.A.H.M. Van Borm

(31) 202063115850 P
(32) 19.11.2020
(33) United States of America
(47) 17.04.2024

(51) H04W 36/00
H04W 4/06
(11) EP4154592
(21) EP21728639.2
(22) 20.05.2021
(54) 5G MULTICAST BROADCAST SERVICE HANDOVER
(73) Telefonaktiebolaget LM Ericsson (publ)
(72) VESELY, Alexander
RÖNNEKE, Hans Bertil
SCHLIWA-BERTLING, Paul
(74) dr. R.C. van Duijvenbode c.s.
(31) 202063029116 P
(32) 22.05.2020
(33) United States of America
(47) 29.05.2024

(51) H04W 36/30
H04W 36/32
H04W 24/08
H04W 24/10
H04W 36/00
H04W 36/08
(11) EP3739957
(21) EP18903351.7
(22) 30.01.2018
(54) NETWORK MANAGEMENT METHOD, DEVICE AND COMPUTER READABLE STORAGE MEDIUM
(73) Beijing Xiaomi Mobile Software Co., Ltd.
(72) HONG, Wei
(74) J.M.H. Duyver lic.
(47) 27.03.2024

(51) H04W 40/22
H04W 28/12
(11) EP3893547
(21) EP19910738.4
(22) 16.01.2019
(54) DATA TRANSMISSION METHODS, TERMINAL DEVICE AND NETWORK DEVICE
(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(72) SHI, Cong
(74) dr. R.C. van Duijvenbode c.s.
(47) 08.05.2024

(51) H04W 52/02
H04W 74/00
H04W 74/0833
H04L 5/00
(11) EP3664521
(21) EP18842197.8
(22) 27.07.2018
(54) METHOD OF MONITORING RAR, METHOD OF SENDING RAR, DEVICE THEREOF AND SYSTEM
(73) Vivo Mobile Communication Co., Ltd.
(72) WU, Yumin
(74) J.M.H. Duyver lic.
(31) 201710651194
(32) 02.08.2017
(33) China
(47) 15.05.2024

(51) H04W 52/36
H04W 52/40
(11) EP4021095
(21) EP21216711.8
(22) 22.12.2021
(54) PHR FOR MULTI-TRP
(73) ASUSTek Computer Inc.
(72) HUANG, Chun-Wei
KUNG, Yi-Hsuan
GUO, Yu-Hsuan
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 202063131160 P
202063131156 P
202063130549 P
202063130544 P
(32) 28.12.2020
28.12.2020
24.12.2020
24.12.2020
(33) United States of America
United States of America
United States of America
United States of America
(47) 17.04.2024

(51) H04W 56/00
H04J 3/06
H04W 52/02
(11) EP3836639
(21) EP19864351.2
(22) 18.09.2019
(54) SYNCHRONIZATION CYCLE DETERMINATION METHODS AND DEVICES
(73) HUAWEI TECHNOLOGIES CO., LTD.
(72) WANG, Yan
SU, Qi
LI, Yexing
(74) ir. W.J.J.M. Kempes
(31) 201811128037
(32) 26.09.2018
(33) China
(47) 17.04.2024

(51) H04W 56/00
H04W 84/18
H04W 72/04
H04W 72/02
H04W 92/18
(11) EP3883307
(21) EP21154702.1
(22) 12.08.2015
(54) SYNCHRONOUS COMMUNICATION METHOD AND TERMINAL
(73) HUAWEI TECHNOLOGIES CO., LTD.
(72) LI, Mingchao
ZHANG, Jun
HAN, Guanglin
ZHU, Jiezuo
(74) ir. W.J.J.M. Kempes
(47) 03.04.2024

(51) H04W 72/04
(11) EP3855829
(21) EP19863096.4
(22) 17.09.2019
(54) METHOD FOR TRANSMITTING CAPABILITY INFORMATION OF USER TERMINAL AND RELATED DEVICE
(73) Huawei Technologies Co., Ltd.
(72) XU, Bin
LI, Bingzhao
CHEN, Lei
WANG, Xuelong
(74) ir. W.J.J.M. Kempes
(31) 201811108636
(32) 21.09.2018
(33) China
(47) 24.04.2024

(51) H04W 72/04
H04L 5/00
H04L 1/18
(11) EP4048002
(21) EP19951537.0
(22) 08.11.2019
(54) UPLINK DATA TRANSMISSION METHOD AND APPARATUS, TERMINAL, AND STORAGE MEDIUM
(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(72) LIN, Yanan
XU, Jing
(74) ir. W.J.J.M. Kempes
(47) 29.05.2024

(51) H04W 72/04
H04W 72/12
H04L 5/00
H04L 1/18
H04L 1/08
H04L 1/1812
H04L 1/1822
H04L 1/1867
H04W 72/23
(11) EP4213567
(21) EP23160530.4
(22) 04.12.2018
(54) METHOD AND APPARATUS FOR TRANSMITTING UPLINK DATA IN WIRELESS COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) BAE, Taehan
YEO, Jeongho
OH, Jinyoung
PARK, Sungjin
(74) dr. R.C. van Duijvenbode c.s.
(31) 20180004009
20170165445
(32) 11.01.2018
04.12.2017
(33) Korea (Republic)
Korea (Republic)
(47) 08.05.2024

(51) H04W 72/12
H04W 28/02
H04W 88/08
(11) EP3900464
(21) EP20755752.1
(22) 12.02.2020
(54) APPARATUS AND METHOD FOR TRANSMITTING SIGNALS USING FRONTHAUL IN COMMUNICATION SYSTEM
(73) Samsung Electronics Co., Ltd.
(72) KIM, Jaeyoel
KIM, Daejoong
KIM, Woojae
JEON, Namryul
(74) dr. R.C. van Duijvenbode c.s.
(31) 20190016159
(32) 12.02.2019

(33) Korea (Republic)
(47) 15.05.2024

(51) H04W 72/1268
H04W 76/10
(11) EP3952498
(21) EP19927396.2
(22) 30.04.2019
(54) WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE
(73) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(72) LIN, Huei-Ming
ZHAO, Zhenshan
LU, Qianxi
(74) dr. R.C. van Duijvenbode c.s.
(47) 08.05.2024

(51) H04W 74/00
H04L 5/00
H04W 24/10
H04W 74/08
H04W 24/02
H04W 48/16
(11) EP3826417
(21) EP18927902.9
(22) 25.07.2018
(54) TRANSMISSION CONFIGURATION METHOD AND DEVICE
(73) Beijing Xiaomi Mobile Software Co., Ltd.
(72) LI, Mingju
(74) J.M.H. Duyver lic.
(47) 17.04.2024

(51) H04W 74/08
H04W 16/14
H04W 72/23
H04L 5/00
(11) EP3996459
(21) EP20850465.4
(22) 06.08.2020
(54) CHANNEL ACCESS METHOD FOR PERFORMING TRANSMISSION IN UNLICENSED BAND, AND DEVICE USING SAME
(73) Wilus Institute of Standards and Technology Inc.
(72) NOH, Minseok
CHOI, Kyungjun
KWAK, Jinsam
(74) ir. C.G.C. Veldman-Dijkers
(31) 20190095457
(32) 06.08.2019
(33) Korea (Republic)
(47) 22.05.2024

(51) H04W 76/14
H04B 7/15
H04W 88/04
H04W 92/18
H04W 76/27
(11) EP4247101
(21) EP22217070.6
(22) 29.12.2022
(54) METHOD AND APPARATUS FOR SUPPORTING SIDELINK RELAY ADAPTATION LAYER FOR UE-TO-NETWORK RELAY IN A WIRELESS COMMUNICATION SYSTEM
(73) ASUSTek Computer Inc.
(72) PAN, Li-Te
KUO, Richard Lee-Chee
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 202263319857 P
(32) 15.03.2022
(33) United States of America
(47) 03.04.2024

(51) H04W 76/14
H04W 76/28
(11) EP3855861
(21) EP21152432.7
(22) 20.01.2021
(54) METHODS AND APPARATUS FOR HANDLING CHANNEL STATE INFORMATION REPORTING REGARDING SIDELINK DISCONTINUOUS RECEPTION IN A WIRELESS COMMUNICATION SYSTEM
(73) ASUSTek Computer Inc.
(72) HUANG, Chun-Wei
KUNG, Yi-Hsuan
LI, Ming-Che
(74) dr. ir. G.J.C. Verdijck c.s.
(31) 202062963610 P
(32) 21.01.2020
(33) United States of America
(47) 17.04.2024

(51) H05H 7/04
H01F 1/057
H01J 37/143
H01J 3/02
H01J 3/36
(11) EP3443822
(21) EP17782880.3
(22) 06.04.2017
(54) PERMANENT-MAGNET PARTICLE BEAM APPARATUS AND METHOD INCORPORATING A NON-MAGNETIC METAL PORTION FOR TUNABILITY
(73) Kla-Tencor Corporation
(72) GERLING, John David
TAHMASSEBPUR, Mohammed
PLETTNER, Tomas
(74) ir. W.J.J.M. Kempes
(31) 201715429071
201662321077 P
(32) 09.02.2017
11.04.2016
(33) United States of America
United States of America
(47) 05.06.2024

(51) H05K 7/14
H01R 43/26
(11) EP3930432
(21) EP20208987.6
(22) 20.11.2020
(54) ENCLOSURES TO CONSTRAIN THE LOCATION OF CONNECTORS IN AUTOMATION APPLICATIONS
(73) Google LLC
(72) WORDEN, Nathanael Arling
GARRETT, Samuel Gardner
(74) ir. H.Th. van den Heuvel c.s.
(31) 202016907785
(32) 22.06.2020
(33) United States of America
(47) 20.03.2024

(51) H05K 7/20
(11) EP3367769
(21) EP18155720.8
(22) 08.02.2018
(54) DEVICE FOR HOLDING AN ELECTRONICS SYSTEM
(73) Krohne Messtechnik GmbH
(72) Erkelenz, Alexander
Brockhaus, Helmut
Matt, Achim
(74) ir. W.J.J.M. Kempes
(31) 102017104007
(32) 27.02.2017
(33) Germany
(47) 13.03.2024

(51) H05K 7/20
(11) EP4195892
(21) EP20948338.7
(22) 04.08.2020
(54) COOLING APPARATUS AND SPACE STRUCTURE
(73) MITSUBISHI ELECTRIC CORPORATION
(72) ISHIKAWA, Hiroaki
MORIYAMA, Takashi
KUSASHIMA, Tatsuya
SAITO, Tomohiko
(74) J.M.H. Duyver lic.
(47) 22.05.2024

(51) H05K 7/20
H02M 3/00
(11) EP3606306
(21) EP18770650.2
(22) 19.03.2018
(54) CONVERTER
(73) LG Innotek Co., Ltd.
(72) BAIK, Ji Hyeon
KIM, Geun Ho
JUNG, Jae Hoo
(74) dr. A. Ellens c.s.
(31) 20170086430
20170035354
(32) 07.07.2017
21.03.2017
(33) Korea (Republic)
Korea (Republic)
(47) 01.05.2024

(51) H10K 59/38
H10K 59/127
H10K 50/854
H10K 59/86
(11) EP3971985
(21) EP21197901.8
(22) 21.09.2021
(54) DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME
(73) Samsung Display Co., Ltd.
(72) Lee, Hyeseung
Yoon, Seon-Tae
Kwon, Junghyun
Kim, Hyojoon
Park, Kisoo
Ryu, Yunha
(74) drs. A.A. Jilderda
(31) 20200122306
(32) 22.09.2020
(33) Korea (Republic)
(47) 05.06.2024

(51) H10K 59/40
H10K 59/126

(11) EP3557630
(21) EP19169182.3
(22) 15.04.2019
(54) TOUCH PANEL DISPLAY
(73) Mikuni Electron Corporation
(72) TANAKA, Sakae
(74) dr. A. Krebs
(31) 2018079903
(32) 18.04.2018
(33) Japan
(47) 22.05.2024

EP4

Voor Nederland verleende gewijzigde Europese octrooien.
European patents granted in amended form for the Netherlands.

EP5

Voor Nederland verleende gewijzigde Europese octrooien waarvoor een gewijzigde vertaling is ingediend ex artikel 52 lid 6 van de Rijksoctrooiwet 1995.
European patents granted in amended form for the Netherlands in which an amended translation was filed ex Article 52 par. 6 of the NL Patent Law 1995.

(51) A61K 31/195
A61P 35/00
A61P 37/04
(11) EP2344148
(21) EP09792438.5
(22) 11.09.2009
(54) NUTRITIONAL SUPPORT TO PREVENT OR MODERATE BONE MARROW PARALYSIS DURING ANTI-CANCER TREATMENT
(73) Société des Produits Nestlé S.A.
(72) SCHIFFRIN, Eduardo
MILLER, Kevin Burke
BRASSART, Dominique
(74) ir. F.A. Geurts c.s.
(31) 98258 P
(32) 19.09.2008
(33) United States of America
(47) 21.10.2015

(51) A61K 35/76
A61P 37/04
A61K 35/74
A61P 29/00
A23K 10/18
A23L 33/135
(11) EP2429557
(21) EP10747838.0
(22) 11.05.2010
(54) INFANT FEEDING FORMULAS COMPRISING PROBIOTIC MICRO-ORGANISMS
(73) Société des Produits Nestlé S.A.
(72) NUTTEN, Sophie
PRIOULT, Guénolée
MERCENIER, Annick
(74) ir. F.A. Geurts c.s.
(31) 09159929
09159925
(32) 11.05.2009
11.05.2009
(33) European Patent Office (EPO)
European Patent Office (EPO)
(47) 04.05.2016

(51) A61K 45/06
C07C 309/19
C07D 487/06
C07C 57/145
A61K 31/55
(11) EP2534153
(21) EP11708094.5
(22) 10.02.2011
(54) SALTS AND POLYMORPHS OF 8-FLUORO-2-{4-[(METHYLAMINO}METHYL]PHENYL}-1,3,4,5-TETRAHYDRO-6H-AZEPINO[5,4,3-CD]INDOL-6-ONE
(73) Pfizer Inc.
(72) CAMPETA, Anthony, Michael
BASFORD, Patricia, Ann
WALTON, Robert
KOUGOULOS, Eleftherios
JONES, Matthew, Cameron
GILLMORE, Adam
LUTHRA, Suman
(74) dr. R.C. van Duijvenbode c.s.
(31) 304277 P
(32) 12.02.2010
(33) United States of America
(47) 21.09.2016

(51) B21F 1/02
B21F 23/00
B21D 3/05
B21D 43/00
B21F 1/04
(11) EP2949407
(21) EP15169772.9
(22) 29.05.2015
(54) DRAWING UNIT FOR ELONGATED PRODUCT AND CORRESPONDING DRAWING METHOD
(73) M.E.P. Macchine Elettroniche Piegatrici S.p.A.
(72) Del Fabro, Giorgio
(74) ir. J.C. Volmer c.s.
(31) UD20140090
(32) 29.05.2014
(33) Italy
(47) 28.12.2016

(51) B65G 57/00
B65D 57/00
B65G 1/14
(11) EP3604184
(21) EP19151462.9
(22) 11.01.2019
(54) USE OF AN ENVIRONMENTALLY-FRIENDLY SPREAD GRANULATE
(73) Biofibre GmbH
BPB Beton- und Prüftechnik Blomberg GmbH & Co. KG
(72) Goldschmidt, Matthias
Dörrstein, Jörg
(74) ir. W.J.J.M. Kempes
(31) 102018118599
(32) 31.07.2018
(33) Germany
(47) 18.11.2020

(51) B66C 23/90
B66C 13/16
B66C 13/18
B66C 23/36
(11) EP3134344
(21) EP15717490.5
(22) 20.04.2015
(54) METHOD AND APPARATUS FOR OPERATING A MOBILE CRANE AND THE MOBILE CRANE
(73) Terex Global GmbH
(72) STÖHR, Markus
MAASS, Stefan
BRAUN, Matthias
ROTH, Matthias
HEINTZ, Heiko
(74) J.M.H. Duyver lic.
(31) 102014105618
(32) 22.04.2014
(33) Germany
(47) 12.09.2018

(51) B66F 9/14
(11) EP3034453
(21) EP15190285.5
(22) 16.10.2015
(54) AN EQUIPMENT WITH SIDE-SHIFTER
(73) Manitou Italia S.r.l.
(72) IOTTI, Marco
(74) dr. R.C. van Duijvenbode c.s.
(31) MO20140362
(32) 18.12.2014
(33) Italy
(47) 30.06.2021

(51) C02F 1/28
B01D 15/00
C12N 9/52
(11) EP2490986
(21) EP10825598.5
(22) 20.10.2010
(54) METHODS AND SYSTEMS FOR PURIFYING NON-COMPLEXED BOTULINUM NEUROTOXIN
(73) Revance Therapeutics, Inc.
(72) RUEGG, Curtis L.
(74) dr. R.C. van Duijvenbode c.s.
(31) 253810 P
(32) 21.10.2009
(33) United States of America
(47) 08.08.2018

(51) C07D 277/28
C07D 417/14
A61K 31/427
A61P 31/12
(11) EP2487161
(21) EP12167589.6
(22) 22.02.2008
(54) Modulators of pharmacokinetic properties of therapeutics
(73) GILEAD SCIENCES, INC.
(72) Hui, Hon, C.
Vivian, Radall, W.
Desai, Manoj, C.
Xu, Lianhong
Hong, Allen, Y.
Liu, Hongtao
(74) dr. R.C. van Duijvenbode c.s.
(31) 958716 P
903228 P
(32) 06.07.2007
23.02.2007

(33) United States of America
United States of America
(47) 10.08.2016

(51) C09K 5/04
C10M 171/00
(11) EP3255116
(21) EP17179485.2
(22) 03.03.2006
(54) COMPOSITIONS COMPRISING HFC-1234YF AND HFC-32
(73) The Chemours Company FC, LLC
(72) Rao, Velliyur Nott Mallikarjuna
Minor, Barbara Haviland
(74) ir. H.A. Witmans c.s.
(31) 732769 P
710439 P
658543 P
(32) 01.11.2005
23.08.2005
04.03.2005
(33) United States of America
United States of America
United States of America
(47) 10.07.2019

(51) F21S 8/08
F21W 131/103
(11) EP2748517
(21) EP12821037.4
(22) 10.12.2012
(54) AN OUTDOOR LUMINAIRE
(73) Signify Holding B.V.
(72) DENG, Shitao
HEYNDERICKX, Ingrid Emilienne Joanna Rita
ZHU, Xiaoyan
VAN DEN BROEK-COOLS, Ans
(31) PCT/CN2011/084584
(32) 23.12.2011
(33) World Intellectual Property Office (WIPO)
(47) 17.03.2021

(51) G06K 7/10
A01J 5/007
A01J 5/017
A01J 5/08
(11) EP2934098
(21) EP13824414.0
(22) 17.12.2013
(54) MILKING ARRANGEMENT, SET OF EXCHANGEABLE EXPENDABLE PARTS AND METHOD FOR A MILKING ARRANGEMENT
(73) DeLaval Holding AB
(72) BAHLENBERG, Peter
(74) ir. W.J.J.M. Kempes
(31) 1251454
201261739148 P
(32) 19.12.2012
19.12.2012
(33) Sweden
United States of America
(47) 01.02.2017

(51) H01R 4/48
H01R 9/24
H01R 107/00
(11) EP3125372
(21) EP16187324.5
(22) 12.12.2012
(54) CONNECTION TERMINAL
(73) Wago Verwaltungsgesellschaft mbH
(72) MEYER, Michael
KÖLLMANN, Hans-Josef
GERBERDING, Wolfgang
(74) dr. R.C. van Duijvenbode c.s.
(31) 102011056410
(32) 14.12.2011
(33) Germany
(47) 17.01.2018

SPC

Aangevraagde en verleende aanvullende beschermingsertificaten (of de verlengingen van de aanvullende beschermingscertificaten).
Applications and granted Supplementary Protection Certificates (or the extensions of the Supplementary Protection Certificates).

(21) 300596
(22) 17.06.2013
(11) 300596
(73) NOVO NORDISK A/S
NOVO NORDISK A/S
(74) ir. M.F.J.M. Ketelaars c.s.
ir. M.F.J.M. Ketelaars c.s.
(68) EP2107069
(54) Novel insulin derivatives.
(94) 22.07.2028
(95) Insuline degludec.
(93) EU/1/12/807/001 23.01.2013
(47) 01.10.2013

---

(21) 300597
(22) 18.06.2013
(11) 300597
(73) NOVO NORDISK A/S
NOVO NORDISK A/S
(74) ir. M.F.J.M. Ketelaars c.s.
ir. M.F.J.M. Ketelaars c.s.
(68) EP2107069
(54) Novel insulin derivatives.
(94) 22.07.2028
(95) Insuline degludec en insuline aspart.
(93) EU/1/12/806/001 23.01.2013
(47) 03.06.2014

---

(21) 300620
(22) 18.10.2013
(11) 300620
(73) Bayer HealthCare, LLC
(74) ir. M.F.J.M. Ketelaars c.s.
(68) EP1663978
(54) Met fluor gesubstitueerd omega-carboxyaryldifenylureum voor de behandeling en de preventie van ziekten en toestanden.
(94) 28.08.2028
(95) Regorafenib, desgewenst in de vorm van een farmaceutisch aanvaardbaar zout.
(93) EU/1/13/858 29.08.2013
(47) 12.11.2013

---

(21) 301284
(22) 17.07.2024
(11) 301284
(74) ir. F.A. Geurts c.s.
(68) EP2326621
(54) SUBSTITUTED 1,2,3,4-TETRAHYDROCYCLOPENTA[b]INDOL-3-YL) ACETIC ACID DERIVATIVES USEFUL IN THE TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISORDERS
(94) 1826
(95) Etrasimod, of een farmaceutisch aanvaardbaar zout daarvan, zoals etrasimod arginine
(93) EU/1/23/1790 19.02.2024

VB1

Herstelverzoeken, bezwaarschriften, beroepschriften of hoger beroepschriften ingediend ex Rijksoctrooiwet 1995.
Requests for restoration and notices of objection, notices of objection to Court, notices of objection to appelate court ex NL Patent Law 1995.

(11) EP3581022
(51) A01G 18/60
(00) 15.07.2024
(00) 48/20
25.11.2020
(00) Restoration of rights
(00) Lemmen, Jacobus Alexander Jozef

(11) EP3645298
(51) B42D 15/02
G09F 1/02
G09F 19/12
(00) 12.07.2024
(00) 50/23
13.12.2023
(00) Restoration of rights
(00) Triggered Emotions Patents B.V.

VB2

Beslissingen genomen op herstelverzoeken, bezwaarschriften, beroepschriften of hoger beroepschriften ex Rijksoctrooiwet 1995.
Requests for restoration and notices of objection, notices of objection to Court, notices of objection to appelate court ex NL Patent Law 1995 in respect of which a decision has been taken.

MED

Overige mededelingen.
Other communications.

(11) 2033894
(00) 22.12.2023
(51) G01N 25/18
G01F 1/684
G01F 1/692
G01F 1/696
(00) Based on clerical error

(11) 2033895
(00) 22.12.2023
(51) G01F 1/684
G01N 25/18
G01F 1/696
G01F 1/692
(00) Based on clerical error

VRV

Verval of nietigverklaring.
Lapse or annulment.

(11) 1026678
(00) 19.07.2024
(00) Patent Expired

(11) 1026686
(00) 20.07.2024
(00) Patent Expired

(11) 1026690
(00) 20.07.2024
(00) Patent Expired

(11) 1026696
(00) 21.07.2024
(00) Patent Expired

(11) 300390
(00) 20.07.2024
(00) SPC Expired

(11) EP1500320
(00) 22.07.2024
(00) Patent Expired

(11) EP1500617
(00) 21.07.2024
(00) Patent Expired

(11) EP1501002
(00) 23.07.2024
(00) Patent Expired

(11) EP1501052
(00) 22.07.2024
(00) Patent Expired

(11) EP1501330
(00) 22.07.2024
(00) Patent Expired

(11) EP1502709
(00) 23.07.2024
(00) Patent Expired

(11) EP1507053
(00) 19.07.2024
(00) Patent Expired

(11) EP1512708
(00) 20.07.2024
(00) Patent Expired

(11) EP1522669
(00) 23.07.2024
(00) Patent Expired

(11) EP1568901
(00) 21.07.2024
(00) Patent Expired

(11) EP1598445
(00) 22.07.2024
(00) Patent Expired

(11) EP1610283
(00) 23.07.2024
(00) Patent Expired

(11) EP1618915
(00) 21.07.2024
(00) Patent Expired

(11) EP1619459
(00) 22.07.2024
(00) Patent Expired

(11) EP1619469
(00) 22.07.2024
(00) Patent Expired

(11) EP1619862
(00) 20.07.2024
(00) Patent Expired

(11) EP1619937
(00) 22.07.2024
(00) Patent Expired

(11) EP1644545
(00) 19.07.2024
(00) Patent Expired

(11) EP1646338
(00) 25.07.2024
(00) Patent Expired

(11) EP1646393
(00) 22.07.2024
(00) Patent Expired

(11) EP1646474
(00) 20.07.2024
(00) Patent Expired

(11) EP1646476
(00) 22.07.2024
(00) Patent Expired

(11) EP1647172
(00) 19.07.2024
(00) Patent Expired

(11) EP1648310
(00) 21.07.2024
(00) Patent Expired

(11) EP1648421
(00) 22.07.2024
(00) Patent Expired

(11) EP1648467
(00) 19.07.2024
(00) Patent Expired

(11) EP1648507
(00) 23.07.2024
(00) Patent Expired

(11) EP1648592
(00) 21.07.2024
(00) Patent Expired

(11) EP1648594
(00) 19.07.2024
(00) Patent Expired

(11) EP1648776
(00) 23.07.2024
(00) Patent Expired

(11) EP1648817
(00) 24.07.2024
(00) Patent Expired

(11) EP1648860
(00) 23.07.2024
(00) Patent Expired

(11) EP1649017
(00) 23.07.2024
(00) Patent Expired

(11) EP1650156
(00) 19.07.2024
(00) Patent Expired

(11) EP1651040
(00) 19.07.2024
(00) Patent Expired

(11) EP1651290
(00) 24.07.2024
(00) Patent Expired

(11) EP1651296
(00) 21.07.2024
(00) Patent Expired

(11) EP1651438
(00) 21.07.2024
(00) Patent Expired

(11) EP1651530
(00) 23.07.2024
(00) Patent Expired

(11) EP1652163
(00) 21.07.2024
(00) Patent Expired

(11) EP1653982
(00) 19.07.2024
(00) Patent Expired

(11) EP1654297
(00) 21.07.2024
(00) Patent Expired

(11) EP1654510
(00) 23.07.2024
(00) Patent Expired

(11) EP1655070
(00) 22.07.2024
(00) Patent Expired

(11) EP1655463
(00) 23.07.2024
(00) Patent Expired

(11) EP1656245
(00) 23.07.2024
(00) Patent Expired

(11) EP1656250
(00) 23.07.2024
(00) Patent Expired

(11) EP1656410
(00) 22.07.2024
(00) Patent Expired

(11) EP1656487
(00) 22.07.2024
(00) Patent Expired

(11) EP1658246
(00) 22.07.2024
(00) Patent Expired

(11) EP1660095
(00) 23.07.2024
(00) Patent Expired

(11) EP1663265
(00) 23.07.2024
(00) Patent Expired

(11) EP1663978
(00) 22.07.2024
(00) Patent Expired

(11) EP1664657
(00) 23.07.2024
(00) Patent Expired

(11) EP1673609
(00) 19.07.2024

(00) Patent Expired	(00) Patent Expired	(00) EPV Ceased Effect
(11) EP1676234	(11) EP2572363	(11) EP2884426
(00) 21.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1680745	(11) EP2620520	(11) EP2892935
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1686116	(11) EP2625074	(11) EP2910897
(00) 23.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1693983	(11) EP2629262	(11) EP2912105
(00) 23.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1716480	(11) EP2634410	(11) EP2913778
(00) 22.07.2024	(00) 20.03.2024	(00) 22.07.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) Patent Expired
(11) EP1716495	(11) EP2639287	(11) EP2919658
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1735934	(11) EP2642410	(11) EP2931279
(00) 23.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1741035	(11) EP2670366	(11) EP2932323
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1745387	(11) EP2674613	(11) EP2946458
(00) 23.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1754016	(11) EP2714070	(11) EP2954105
(00) 23.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP1782148	(11) EP2715415	(11) EP2958406
(00) 21.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2033713	(11) EP2723790	(11) EP2959849
(00) 20.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2107069	(11) EP2736874	(11) EP2972558
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2219700	(11) EP2776542	(11) EP2977640
(00) 20.03.2024	(00) 20.03.2024	(00) 20.03.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2275439	(11) EP2791907	(11) EP2979857
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2386272	(11) EP2797683	(11) EP2986207
(00) 20.03.2024	(00) 20.03.2024	(00) 20.03.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2399883	(11) EP2798414	(11) EP2995716
(00) 20.03.2024	(00) 20.03.2024	(00) 20.03.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2416081	(11) EP2819772	(11) EP3005482
(00) 20.03.2024	(00) 20.03.2024	(00) 20.03.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2427678	(11) EP2836228	(11) EP3014658
(00) 20.03.2024	(00) 20.03.2024	(00) 20.03.2024
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2446881	(11) EP2849709	(11) EP3017556
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2485172	(11) EP2849887	(11) EP3022500
(00) 22.07.2024	(00) 20.03.2024	(00) 20.03.2024
(00) Patent Expired	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2570130	(11) EP2854632	(11) EP3029472
(00) 23.07.2024	(00) 20.03.2024	(00) 20.03.2024

(00) EPV Ceased Effect

(11) EP3034372
(00) 20.03.2024
(00) EPV Ceased Effect

(11) EP3036335
(00) 20.03.2024
(00) EPV Ceased Effect

(11) EP3061567
(00) 20.03.2024
(00) EPV Ceased Effect

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(00) EPV Ceased Effect

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(00) 20.03.2024
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(00) 20.03.2024
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(11) EP4125782
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(00) 20.03.2024
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(00) 20.03.2024
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(11) EP4129848
(00) 20.03.2024
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(11) EP4130635
(00) 20.03.2024
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(11) EP4130757
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(11) EP4131242
(00) 20.03.2024
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(00) 20.03.2024

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(11) EP4274944
(00) 20.03.2024
(00) EPV Ceased Effect

(11) EP4281698
(00) 20.03.2024
(00) EPV Ceased Effect

VRB

Correcties op eerdere publicaties.
Corrections on earlier publications.

CO

Wijzigingen in het Nederlands Octrooiregister.
Changes in the Netherlands Patent Register.

(71) Powall Holding BV
(73) Powall Holding BV
(11) 2014348
(00) 22.07.2024
(51) A61K 9/16
A61K 9/50
B01J 8/24
B01J 8/40
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C08L 67/02
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(71) InVitria, Inc.
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(11) EP2230311
(00) 17.07.2024
(51) C12N 5/00
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C12N 15/82
(00) Change of owner(s) name

(71) Bellus Health Inc.
(73) GlaxoSmithKline Intellectual Property (No. 3) Limited
(11) EP2501697
(00) 11.07.2024
(51) A61K 31/5377
A61P 13/00
A61P 25/04
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(00) Merge

(71) ITALMATCH CHEMICALS GB LIMITED
(73) ITALMATCH CHEMICALS GB LIMITED
(11) EP1867564
(00) 12.07.2024
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(71) Südpack Verpackungen SE & Co. KG
(73) Südpack Verpackungen SE & Co. KG
(11) EP2080706
(00) 15.07.2024
(51) B65D 33/00
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(71) SyensQo SA
Centre National de la Recherche Scientifique (CNRS)
(73) Centre National de la Recherche Scientifique (CNRS)
SyensQo SA
(11) EP2842194
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H01M 10/0565
H01M 10/0567
H01M 10/0569
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(71) ADM International Sàrl
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(11) EP2161075
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C07F 15/06
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(71) IDEMIA DENMARK A/S
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(11) EP2187363
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(71) Ventria Bioscience Inc.
(73) InVitria, Inc.
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(71) centrotherm international AG
(73) HQ-Dielectrics GmbH
(11) EP2311066
(00) 18.07.2024
(51) C23C 16/511
H01J 37/32
(00) Change of owner(s) name

(71) HQ-Dielectrics GmbH
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(11) EP2311066
(00) 18.07.2024
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(71) SyensQo SA
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(11) EP2627700
(00) 15.07.2024
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(71) 14245563 Canada Inc.
(73) GlaxoSmithKline Intellectual Property (No. 3) Limited
(11) EP2501697
(00) 11.07.2024
(51) A61K 31/5377
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(71) GlaxoSmithKline Intellectual Property (No. 3) Limited
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(11) EP2501697
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(51) A61K 31/5377
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C07D 413/06
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(71) ID Biomedical Corporation of Quebec
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(11) EP2501697
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(71) Lesaffre et Compagnie
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(11) EP2852437
(00) 12.07.2024
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A61K 31/737
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A61P 19/00
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(71) Teleflex Life Sciences III LLC
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(11) EP3010852
(00) 17.07.2024
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(11) EP2330921
(00) 12.07.2024

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(11) EP2710043
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(71) SyensQo SA
College de France
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F25B 30/06
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(71) Idemia Identity & Security France
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(71) SyensQo SA
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(11) EP2914647
(00) 15.07.2024
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(71) SyensQo SA
Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
SyensQo SA
(11) EP3140876
(00) 15.07.2024
(51) H01M 4/04
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Commissariat à l'Énergie Atomique et aux Énergies Alternatives
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(11) EP3557972
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(11) EP3377563
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(71) Anacor Pharmaceuticals, LLC
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(71) voestalpine Signaling Austria GmbH
(73) voestalpine Signaling Austria GmbH
(11) EP3458331
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B61L 23/04
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(71) Dotter, Inc.
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(71) SyensQo SA
Centre National de la Recherche Scientifique
Université d'Aix-Marseille 1
(73) SyensQo SA
Centre National de la Recherche Scientifique
Université d'Aix-Marseille 1
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(71) Ismail Tennan
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A23K 40/30
A23K 50/30
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(71) Fries Innovations BV
(73) Fries Innovations BV
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(71) VIET HUA TRADING CO., LTD.
(73) VIET HUA TRADING CO., LTD.
(11) EP3666635
(00) 19.07.2024
(51) B62M 6/55
B62K 19/34
B62M 3/00
(00) Assignment
(71) Allez Health Inc.
(73) Allez Health Inc.
(11) EP3773205
(00) 05.06.2024
(51) A61B 5/145
A61B 5/1486
A61B 5/00
C12N 9/04
C25D 9/02
(00) Change of owner(s) name
(71) Teleflex Life Sciences LLC
(73) Teleflex Life Sciences LLC
(11) EP3302674
(00) 16.07.2024
(51) A61M 25/01
A61M 25/02
A61M 25/06
A61M 25/09
(00) Merge
(71) Alliance Holdco Limited
(73) BEACON THERAPEUTICS LIMITED
(11) EP3132051
(00) 18.07.2024
(51) C12N 9/00
C12N 15/00
C12N 15/64
C12P 21/06
(00) Assignment
(71) BEACON THERAPEUTICS LIMITED
(73) BEACON THERAPEUTICS LIMITED
(11) EP3132051
(00) 18.07.2024
(51) C12N 9/00
C12N 15/00
C12N 15/64
C12P 21/06
(00) Change of owner(s) name
(71) Pfizer Inc.
(73) Pfizer Inc.
(11) EP3134553
(00) 08.07.2024
(51) C12Q 1/68
(00) Assignment
(71) Teleflex Life Sciences III LLC
(73) Teleflex Life Sciences LLC
(11) EP3400886
(00) 16.07.2024
(51) A61B 17/12
A61B 17/22
A61M 25/10
(00) Assignment
(71) Teleflex Life Sciences LLC
(73) Teleflex Life Sciences LLC
(11) EP3400886
(00) 16.07.2024
(51) A61B 17/12
A61B 17/22
A61M 25/10
(00) Merge
(71) Anheuser-Busch InBev S.A.
(73) Anheuser-Busch InBev S.A.
(11) EP3375763
(00) 18.07.2024
(51) B41M 5/00
C03C 17/00
C03C 17/42
(00) Assignment
(71) Stichting Leehorst
(73) Stichting Leehorst
(11) 2025860
(00) 19.07.2024
(51) F03B 17/00
(00) Assignment
(71) SyensQo SA
Centre National de la Recherche Scientifique
Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
Centre National de la Recherche Scientifique
SyensQo SA
(11) EP3329529
(00) 15.07.2024
(51) H01M 2/16
H01M 4/04
H01M 4/62
H01M 10/052
H01M 10/0525
H01M 10/056
H01M 10/0565
(00) Assignment
(71) IDEMIA FRANCE
(73) IDEMIA FRANCE
(11) EP2461297
(00) 12.07.2024
(51) G07F 7/10
(00) Assignment
(71) Beijing Xiaomi Mobile Software Co., Ltd.
(73) Beijing Xiaomi Mobile Software Co., Ltd.
(11) EP3586469
(00) 09.07.2024
(51) H04L 5/00
H04W 56/00

H04W 72/00
H04W 72/08
(00) Assignment
(71) Cardiac Interventions and Aviation LLC
Teleflex Life Sciences III LLC
(73) Cardiac Interventions and Aviation LLC
Teleflex Life Sciences LLC
(11) EP3380188
(00) 16.07.2024
(51) A61B 5/00
A61B 5/042
A61N 1/05
A61N 1/375
(00) Assignment
(71) Cardiac Interventions and Aviation LLC
Teleflex Life Sciences LLC
(73) Cardiac Interventions and Aviation LLC
Teleflex Life Sciences LLC
(11) EP3380188
(00) 16.07.2024
(51) A61B 5/00
A61B 5/042
A61N 1/05
A61N 1/375
(00) Merge
(71) Pfizer Inc.
(73) Pfizer Inc.
(11) EP3594360
(00) 08.07.2024
(51) C12Q 1/6844
(00) Assignment
(71) SK hynix NAND Product Solutions Corp.
(73) SK hynix NAND Product Solutions Corp.
(11) EP3161622
(00) 18.07.2024
(51) G06F 9/44
G06F 12/02
G06F 11/34
G06F 11/14
G11C 7/20
G06F 3/06
(00) Assignment
(71) EKOS LLC
(73) EKOS LLC
(11) EP3307388
(00) 15.07.2024
(51) A61N 7/02
A61B 17/22
A61M 25/00
(00) Change of Legal Entity
(71) SyensQo SA
Centre National de la Recherche Scientifique
Université Claude Bernard Lyon 1
Ecole Supérieure de Chimie Physique Electronique de Lyon
Ezus, Lyon
(73) Centre National de la Recherche Scientifique
Ezus, Lyon
Ecole Supérieure de Chimie Physique Electronique de Lyon
Université Claude Bernard Lyon 1
SyensQo SA
(11) EP3380533
(00) 15.07.2024
(51) C08F 214/08
C08J 5/18
C08F 292/00
C08K 3/34
C09D 7/80
C09D 127/08
C08L 27/08
(00) Assignment
(71) SyensQo SA
Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
SyensQo SA
(11) EP3469641
(00) 15.07.2024
(51) B01D 67/00
B01D 69/14
C08F 214/18
C08J 5/22
(00) Assignment
(71) SK hynix NAND Product Solutions Corp.
(73) SK hynix NAND Product Solutions Corp.
(11) EP2936276
(00) 18.07.2024
(51) G06F 1/32
G06F 13/00
G06F 3/06
(00) Assignment
(71) SK hynix NAND Product Solutions Corp.
(73) SK hynix NAND Product Solutions Corp.
(11) EP3422215
(00) 18.07.2024
(51) G06F 16/22
G06F 7/22
H04L 9/08
(00) Assignment
(71) SyensQo SA
(73) SyensQo SA
(11) EP3622011
(00) 15.07.2024
(51) B01D 67/00
B01D 69/14
B01D 71/30
C08J 5/22
C08L 27/16
H01M 10/0565
H01M 10/0525
(00) Assignment
(71) SyensQo SA
(73) SyensQo SA
(11) EP3559081
(00) 15.07.2024
(51) C08G 63/60
C08G 63/80
(00) Assignment
(71) SK hynix NAND Product Solutions Corp.
(73) SK hynix NAND Product Solutions Corp.
(11) EP3274806
(00) 18.07.2024
(51) G06F 3/06
G06F 12/06
G06F 13/16
(00) Assignment
(71) Cameron International Corporation
(73) Cameron International Corporation
(11) EP3394212
(00) 04.06.2024
(51) C10G 33/02
C10G 53/02
(00) Assignment
(71) University of Bern
argenx BV
(73) argenx BV
University of Bern
(11) EP3638696
(00) 07.06.2024
(51) C07K 16/28
A61K 39/00
(00) Change of owner(s) name
(71) Afyx Development A/S
(73) Afyx Development A/S
(11) EP3976012
(00) 29.05.2024
(51) A61K 31/135
A61K 9/00
A61K 9/08
A61P 25/00
A61P 43/00
(00) Change of owner(s) name

TVH

Topografieën van halfgeleiderproducten.
Depots of topographies of semi-conductor products.

UP1

Europese octrooien met geregistreerde eenheidswerking.
European patents with registered Unitary Effect.

UP2

Europese octrooien met geregistreerd verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie).
European patents with registered request ex Article 52a NL Patent Law 1995 (restoration of validation right).

UP3

Europese octrooien met een geaccepteerd verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie) en complete validatie.
European patents with accepted ex Article 52a NL Patent Law 1995 (restoration of validation right) and validation completed.

UP4

Europese octrooien met een geaccepteerd verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie) en geen complete validatie.
European patents with accepted request ex Article 52a NL Patent Law 1995 (restoration of validation right) and incomplete validation.

UP5

Europese octrooien met een afgewezen verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie).
European patents with rejected request ex Article 52a NL Patent Law 1995 (restoration of validation right).

UP6

Europese octrooien met een ingetrokken verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie).
European patents with withdrawn request ex Article 52a NL Patent Law 1995 (restoration of validation right).

Orde van Octrooigemachtigden / Netherlands Institute of Patent Attorneys

Inschrijvingen en uitschrijvingen ex art. 27 lid 5 Uitvoeringsbesluit van de Rijksoctrooiwet 1995.
Registrations and deregistrations ex Article 27 par. 5 Patent Rules of the NL Patent Law 1995.