



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

Abonnementsprijzen per (kalender)jaar:

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

Bezoekadres: **Octrooicentrum Nederland**

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Voor taksen en depotrekeningen:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

Introduction

Patent Bulletin

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

Official Journal

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

Subscription rates per calendar year:

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

Visiting address: **Netherlands Patent Office**

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Fees, deposit accounts:

ING 0705001296

Iban: NL41INGB070500129

BIC: INGBNL2A

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	9 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	9
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	11 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	11
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	12 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	12
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	13 Heading EP2 Contains data concerning European patents granted for The Netherlands.	13
Rubriek EP3 Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	203 Heading EP3 Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.	203
Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	262 Heading EP4 Contains data concerning European patents granted in amended form for the Netherlands.	262
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.

The Netherlands in which an amended translation was filed.

Rubriek SPC

Bevat gegevens betreffende ingeschreven en verleende certificaten

265Heading SPC

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

265

Rubriek VB1

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

266Heading VB1

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

266

Rubriek VB2

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

268Heading VB2

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

268

Rubriek MED

Bevat gegevens betreffende overige mededelingen.

269Heading MED

Contains data concerning other communications.

269

Rubriek VRV

Bevat gegevens betreffende verval of nietigverklaring.

270Heading VRV

Contains data concerning lapse or annulment.

270

Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

299Heading VRB

Contains data concerning corrections on earlier publications.

299

Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

300Heading CO

Contains data concerning changes in the Netherland patent register.

300

Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

305Heading TVH

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

305

Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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

(51) B60H 1/32	(41) 14.01.2021	(33) United States of America
(21) 2026472	(51) C05F 11/00	(51) E21B 43/10
(22) 15.09.2020	(21) 2024759	(21) 2025580
(54) A DETACHABLE COLD STORAGE WALL	(22) 24.01.2020	(22) 14.05.2020
(71) ZHEJIANG UNIVERSITY	(54) ALL-ORGANIC STRAW GRANULAR FERTILIZER AND PREPARATION METHOD THEREFOR	(54) BIAS FABRIC REINFORCED ELH ELEMENT MATERIAL FOR IMPROVED ANCHORING
(74) M. Schmid	(71) Chinese Academy of Agricultural Sciences	(71) Halliburton Energy Services, Inc.
(72) Zisheng Luo	(74) dr. T. Wittop Koning PhD	(74) mr.ir. F.N. Ferro
Li Li	(72) Jin Wang	(72) Chad William Glaesman
Yanqun Xu	Huancheng Feng	Gary Allen Kohn
Tiejun Ying	Yuyi Li	Emile Edmund Sevadjian
(51) B60L 53/31	Nana Liu Liu	(31) 16/446,976
(21) 1043279	Hongyuan Zhang	(32) 20.06.2019
(22) 11.06.2019	Xiaoli Zhang	(33) United States of America
(54) Verticaal transferende installatie voor energieoverdracht naar transportmiddelen	(31) 201910548734.6	(51) E21C 35/19
(71) 3Dprintindustry bv	(32) 24.06.2019	E21D 9/10
Qoncepto Holding bv	(33) China	(21) 2024360
(72) ir.ing. Stefan Klaas Adrianus Dirven	(51) D06F 5/00	(22) 02.12.2019
Heyo Anton Beentje	(21) 2026040	(54) Intensive Tunnelling Machine Cutting Portion with Hobbing Cutters and Picks in Alternate Distribution
(51) B61L 1/20	(22) 09.07.2020	(71) SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
G01R 15/18	(54) LAUNDRY BOX AND MACHINE FOR SEPARATELY WASHING CLOTHES	(74) drs. C.M.A. Quintelier
(21) 2026663	(71) Jian Li	(72) Ying Tian
(22) 12.10.2020	(74) dr. T. Wittop Koning PhD	Qiang Zhang
(54) Magneto inductive principle safety relay current detector.	(72) Jian Li	(41) 14.01.2021
(62) 2025339	(41) 14.01.2021	(51) F16K 27/06
(71) VolkerWessels Intellectuele Eigendom bv	(31) 202021099686.1	C02F 1/28
(74) ir. M.F.J.M. Ketelaars c.s.	(32) 15.06.2020	(21) 2025419
(72) Noël Steentjes	(33) China	(22) 24.04.2020
(31) 2022932	(51) E04F 11/18	(54) Electrically-controlled Check Valve for pipelines
(32) 11.04.2019	(21) 2024041	(71) Shanghai Shengtang Valve Technology Co., Ltd
(33) Netherlands	(22) 17.10.2019	(74) J. Hoekstra
(51) B61L 23/04	(54) GLASBALUSTRATE, GEBOUW VOORZIEN DAARVAN EN WERKWIJZE VOOR HET PLAATSEN VAN EEN GLASBALUSTRATE	(72) Zhongbo Tang
(21) 1043288	(71) Frank Nijholt Beheer B.V.	(41) 14.01.2021
(22) 10.06.2019	(74) drs. P.F.H.M. van Someren c.s.	(31) 202010197848.3
(54) This invention relates to a device, a system and a method of monitoring railway track conditions.	(72) Frank Willem Nijholt	(32) 19.03.2020
(71) Christian Kunneke	(41) 14.01.2021	(33) China
Franz Antony Struwig	(31) 2023288	(51) F16K 27/06
(74) ir. J.C. Volmer c.s.	(32) 11.06.2019	F16L 25/06
(72) Christian Kunneke	(33) Netherlands	(21) 2025479
Franz Antony Struwig	(51) E21B 43/08	(22) 01.05.2020
(41) 14.01.2021	E21B 43/10	(54) Easy-to-install New V-type Multi-hole Flow-regulating Shut-off Valve
(51) C02F 1/32	(21) 2025619	(71) Shanghai Shengtang Valve Technology Co., Ltd
C02F 1/36	(22) 19.05.2020	(74) J. Hoekstra
C02F 1/72	(54) ENHANCED ELASTOMER REINFORCEMENT FOR EXPANDABLE HANGERS WITH GARTER SPRING	(72) Zhongbo Tang
(21) 1043291	(71) Halliburton Energy Services, Inc.	(41) 14.01.2021
(22) 07.06.2019	(74) mr.ir. F.N. Ferro	(31) 202010198377.8
(54) Flow-through reactor for the removal of micropollutants from waste water	(72) Emile Edmund Sevadjian	(32) 19.03.2020
(71) Water Waves B.V.	(31) US16/448,054	(33) China
(72) Mateo Mayer	(32) 21.06.2019	(51) F24F 1/60
Martijn Wagterveld		

E04D 13/147

(21) 2024824

(22) 04.02.2020

(54) Schuin dak, gebouw, steuninrichting en
werkwijzen

(71) Reuvers Ontwikkeling & Bouw

(74) ir. H.A. Witmans c.s.

(72) Petrus Josephus Maria Holl

(41) 14.01.2021

NP2

Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.

Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.

(51) A01C 1/02 A01G 22/40 (11) 2025450 (47) 14.01.2021 (22) 29.04.2020 (54) Rhizobox Device for Study on Peanut Root Morphology and Use Method Thereof (73) Biotechnology Research Center, Shandong Academy of Agricultural Sciences (72) Jianguo Wang Shubo Wan Feng Guo Xinguo Li Jialei Zhang Sha Yang Jingjing Meng Yun Geng Zhaohui Tang (74) ir. M.F.J.M. Ketelaars c.s. (31) 202010063472.7 (32) 20.01.2020 (33) China	(73) 3Dprintindustry bv Qoncepto Holding bv (72) ir.ing. Stefan Klaas Adrianus Dirven Heyo Anton Beentje (51) B61L 23/04 (11) 1043288 (47) 14.01.2021 (22) 10.06.2019 (54) This invention relates to a device, a system and a method of monitoring railway track conditions. (73) Christian Kunneke Franz Antony Struwig (72) Christian Kunneke Franz Antony Struwig (74) ir. J.C. Volmer c.s. (51) B65B 43/34 B65D 33/00 (11) 2023945 (47) 14.01.2021 (22) 03.10.2019 (54) Hemdtas plaats-inrichting en werkwijze voor het openen, spreiden en plaatsen van een hemdtas in een houder (73) Niverplast Holding B.V. (72) Gerrit Jan Nieuwenhuis (74) mr. ir. J.H. Klooster (31) 2023152 (32) 16.05.2019 (33) Netherlands	VOOR HET PLAATSEN VAN EEN GLASBALUSTRADE (73) Frank Nijholt Beheer B.V. (72) Frank Willem Nijholt (74) drs. P.F.H.M. van Someren c.s. (31) 2023288 (32) 11.06.2019 (33) Netherlands (51) E21C 35/19 E21D 9/10 (11) 2024360 (47) 14.01.2021 (22) 02.12.2019 (54) Intensive Tunnelling Machine Cutting Portion with Hobbing Cutters and Picks in Alternate Distribution (73) SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY (72) Ying Tian Qiang Zhang (74) drs. C.M.A. Quintelier (51) F02K 1/40 F02K 1/34 (11) 2024736 (47) 14.01.2021 (22) 23.01.2020 (54) AIRCRAFT NOISE REDUCTION DEVICE (73) Zhengzhou University of Aeronautics (72) Qingzhao Li Binguo Zheng Xiaoyan Qin Junling Niu Zehua Wang Lei Liu Yongkang Duan Mingzhe Lyu Gaosheng Dong Yufei Wang (74) ir. M.F.J.M. Ketelaars c.s.
(51) A23B 7/015 A23B 7/152 A23B 7/154 A23N 12/06 (11) 2026473 (47) 14.01.2021 (22) 15.09.2020 (54) AN ULTRAVIOLET LIGHT-BASED DEVICE AND METHOD FOR POST-HARVEST PROCESSING OF FRUIT (73) ZHEJIANG UNIVERSITY (72) Zisheng Luo Li Li Yanqun Xu Fengzhong Wang Tiejun Ying (74) M. Schmid	(51) C02F 1/32 C02F 1/36 C02F 1/72 (11) 1043291 (47) 14.01.2021 (22) 07.06.2019 (54) Flow-through reactor for the removal of micropollutants from waste water (73) Water Waves B.V. (72) Mateo Mayer Martijn Wagterveld (51) D06F 5/00 (11) 2026040 (47) 14.01.2021 (22) 09.07.2020 (54) LAUNDRY BOX AND MACHINE FOR SEPARATELY WASHING CLOTHES (73) Jian Li (72) Jian Li (74) dr. T. Wittop Koning PhD (31) 202021099686.1 (32) 15.06.2020 (33) China	(51) F16K 27/06 C02F 1/28 (11) 2025419 (47) 14.01.2021 (22) 24.04.2020 (54) Electrically-controlled Check Valve for pipelines (73) Shanghai Shengtang Valve Technology Co., Ltd (72) Zhongbo Tang (74) J. Hoekstra (31) 202010197848.3 (32) 19.03.2020 (33) China
(51) A47C 1/14 A47C 3/04 A47C 7/62 (11) 1043262 (47) 14.01.2021 (22) 20.05.2019 (54) Stackable lounger with storage space (73) Willem Adrianus den Otter Lars van der Horst (72) Willem Adrianus den Otter Lars van der Horst	(51) E04F 11/18 (11) 2024041 (47) 14.01.2021 (22) 17.10.2019 (54) GLASBALUSTRADE, GEBOUW VOORZIEN DAARVAN EN WERKWIJZE	(51) F16K 27/06 F16L 25/06 (11) 2025479 (47) 14.01.2021 (22) 01.05.2020

(54) Easy-to-install New V-type Multi-hole Flow-regulating Shut-off Valve	(22) 12.05.2020
(73) Shanghai Shengtang Valve Technology Co., Ltd	(54) Hybride array antenne
(72) Zhongbo Tang	(73) Guangdong Broadradio Communication Technology Co., Ltd
(74) J. Hoekstra	(72) Zehai Wu
(31) 202010198377.8	Biqun Wu
(32) 19.03.2020	Kefang Qiu
(33) China	Peng Zhang
(51) F24F 1/60	Zhenhua Su
E04D 13/147	(74) drs. C.M.A. Quintelier
(11) 2024824	(31) 201910666041.7
(47) 14.01.2021	(32) 23.07.2019
(22) 04.02.2020	(33) China
(54) Schuin dak, gebouw, steuninrichting en werkwijzen	
(73) Reuvers Ontwikkeling & Bouw	
(72) Petrus Josephus Maria Holl	
(74) ir. H.A. Witmans c.s.	
(51) G03F 1/62	
G03F 7/20	
(11) 2025267	
(47) 14.01.2021	
(22) 03.04.2020	
(54) PELLICLE FOR EUV LITHOGRAPHY	
(62) 2022935	
(73) ASML Netherlands B.V.	
(72) Paul Janssen	
Dennis de Graaf	
Richard Beaudry	
Maxime Biron	
Pieter-Jan van Zwol	
Michael Alfred Josephus Kuijken	
Maxim Aleksandrovich Nasalevich	
Thijs Kater	
Kevin Kornelsen	
Jan Hendrik Willem Kuntzel	
Stephane Martel	
Guido Salmaso	
(74) ir. A.J.M. van Hoef	
(31) 18170855.3	
(32) 04.05.2018	
(33) European Patent Office (EPO)	
(51) H01P 1/18	
H01Q 1/24	
H01Q 21/00	
H01Q 21/26	
(11) 2025565	
(47) 14.01.2021	
(22) 12.05.2020	
(54) 5G array antenne	
(73) Guangdong Broadradio Communication Technology Co., Ltd	
(72) Zehai Wu	
Biqun Wu	
Zhenhua Su	
Shao Zhang	
(74) drs. C.M.A. Quintelier	
(31) 201910828591.4	
(32) 03.09.2019	
(33) China	
(51) H01Q 1/24	
H01Q 5/42	
H01Q 21/08	
H01Q 21/26	
H01Q 21/28	
(11) 2025564	
(47) 14.01.2021	

NP3

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

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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

EP2

Voor Nederland verleende Europese octrooien.

Contains data concerning European patents granted for The Netherlands.

(51) A01B 33/14	(87) US2017029275	(72) Götz, Johann
(11) EP3291664	09.11.2017	(31) 102017109981
(21) EP16807041.5	(22) 25.04.2017	(32) 09.05.2017
(47) 20.01.2021	(54) SYSTEM FOR AVOIDING COLLISIONS	(33) Germany
(87) IN2016050146	BETWEEN AUTONOMOUS VEHICLES	(51) A01C 5/00
15.12.2016	CONDUCTING AGRICULTURAL	A01C 5/06
(22) 19.05.2016	OPERATIONS	A01C 7/20
(54) A QUICK FIT MECHANISM FOR	(73) CNH Industrial Italia S.p.A.	A01C 21/00
POWER HARROW BLADE	(72) RUSCIOLELLI, Adam	G05B 15/02
(73) Tirth Agro Technology Pvt. Ltd.	DOLLINGER, Tyson	(11) EP3424289
(72) APARNATHI, Bhavesh Prabhatgiri	POSSELIUS, John	(21) EP18171336.3
(31) 2262MU2015	FOSTER, Christopher, A.	(47) 20.01.2021
(32) 12.06.2015	RAY, Brian	(22) 14.03.2014
(33) India	(31) 201615144166	(54) SYSTEM AND METHOD FOR
(51) A01B 63/11	(32) 02.05.2016	AGRICULTURAL IMPLEMENT
A01B 69/00	(33) United States of America	TRENCH DEPTH CONTROL AND SOIL
A01B 79/00	(51) A01B 69/04	MONITORING
(11) EP3272195	B60W 40/00	(73) Precision Planting LLC
(21) EP16002640.7	E01C 19/00	(72) SAUDER, Derek
(47) 20.01.2021	E02F 9/20	STOLLER, Jason
(22) 13.12.2016	G05D 1/02	PLATTNER, Troy
(54) WORK VEHICLE AND SLOPE TRAVEL	(11) EP3527057	(31) 201361783591 P
CONTROL SYSTEM FOR WORK	(21) EP19157429.2	(32) 14.03.2013
VEHICLE	(47) 20.01.2021	(33) United States of America
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(31) 201462029827 P	A61B 17/34	(32) 29.03.2016
(32) 28.07.2014	A61F 2/24	(33) United States of America
(33) United States of America	(11) EP3474778	(51) A61B 17/04
(51) A61B 17/00	(21) EP17815864.8	(11) EP3316794
A61B 17/32	(47) 20.01.2021	(21) EP15738545.1
A61B 17/3207	(87) US2017032338	(47) 20.01.2021
(11) EP2533706	28.12.2017	(87) US2015038460
(21) EP11704380.2	(22) 12.05.2017	05.01.2017

(22) 30.06.2015	(11) EP3322362	INSTRUMENT BASED ON SYSTEM
(54) SUTURE ANCHOR SYSTEM WITH	(21) EP16825138.7	CONDITIONS
THREADED PLUG	(47) 20.01.2021	(73) Ethicon LLC
(73) Smith & Nephew, Inc	(87) US2016042154	(72) SHELTON, IV, Frederick E.
(72) HOUSMAN, Mark Edwin	19.01.2017	YATES, David C.
PATEL, Nehal Navinbhai	(22) 13.07.2016	HARRIS, Jason L.
(51) A61B 17/04	(54) BONE PLATES WITH DYNAMIC	ADAMS, Shane R.
A61B 17/34	ELEMENTS	SCHINGS, Brian D.
A61F 2/24	(73) Crossroads Extremity Systems, LLC	(31) 201715628115
A61M 25/088	(72) HOLLIS, Michael Chad	(32) 20.06.2017
A61M 25/09	HARTDEGEN, Vernon Raymond	(33) United States of America
(11) EP2713894	SAYGER, Daniel	(51) A61B 17/072
(21) EP12792116.1	(31) 201562192059 P	(11) EP3566662
(47) 20.01.2021	(32) 13.07.2015	(21) EP19180055.6
(87) US2012040512	(33) United States of America	(47) 20.01.2021
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(22) 01.06.2012	(11) EP3235444	(54) SURGICAL STAPLER WITH
(54) SYSTEM FOR MINIMALLY INVASIVE	(21) EP17166565.6	CIRCUMFERENTIAL FIRING
REPAIR OF HEART VALVE LEAFLETS	(47) 20.01.2021	(73) Applied Medical Resources Corporation
(73) NeoChord, Inc.	(22) 13.04.2017	(72) HOPKINS, Timothy M
(72) ZENTGRAF, John	(54) SURGICAL INSTRUMENT	PATEL, Atal C
PARINS, David, Joseph	COMPRISING A PRIMARY FIRING	GADBERRY, Donald L
SAINI, Arun	LOCKOUT AND A SECONDARY FIRING	BECERRA, Matthew M
(31) 201161492135 P	LOCKOUT	(31) 201462010883 P
(32) 01.06.2011	(73) Ethicon LLC	(32) 11.06.2014
(33) United States of America	(72) SHELTON, IV, Frederick E.	(33) United States of America
(51) A61B 17/064	HARRIS, Jason L.	(51) A61B 17/072
A61B 17/072	OVERMYER, Mark D.	(11) EP3505087
A61B 17/115	(31) 201615131304	(21) EP19157589.3
(11) EP3417812	(32) 18.04.2016	(47) 20.01.2021
(21) EP18188938.7	(33) United States of America	(22) 30.09.2016
(47) 20.01.2021	(51) A61B 17/072	(54) PROGRESSIVELY RELEASABLE
(22) 26.08.2016	(11) EP3420937	IMPLANTABLE ADJUNCT FOR
(54) STAPLE CARTRIDGE ASSEMBLY	(21) EP17209337.9	USE WITH A SURGICAL STAPLING
WITHOUT A BOTTOM COVER	(47) 20.01.2021	INSTRUMENT
(73) Ethicon LLC	(22) 21.12.2017	(73) Ethicon LLC
(72) BAXTER, III, Chester O.	(54) SURGICAL SHAFT ASSEMBLIES WITH	(72) SCHELLIN, Emily A.
SHELTON, IV, Frederick E.	SLIP RING ASSEMBLIES FORMING	WEANER, Lauren S.
SWAYZE, Jeffrey S.	CAPACITIVE CHANNELS	VENDELY, Michael J.
HARRIS, Jason L.	(73) Ethicon LLC	ARONHALT, Taylor W.
VENDELY, Michael J.	(72) YATES, David C.	BARTON, Trevor J.
ARONHALT, Taylor W.	SHELTON, IV Frederick E.	(31) 201514871176
(31) 201514836036	(31) 201715635707	(32) 30.09.2015
(32) 26.08.2015	(32) 28.06.2017	(33) United States of America
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(51) A61B 17/064	(51) A61B 17/072	A61B 90/00
A61B 17/072	(11) EP3417810	(11) EP3338699
A61B 17/16	(21) EP17209653.9	(21) EP17209563.0
A61B 90/00	(47) 20.01.2021	(47) 20.01.2021
(11) EP3501420	(22) 21.12.2017	(22) 21.12.2017
(21) EP18214684.5	(54) SYSTEMS FOR CONTROLLING	(54) SURGICAL END EFFECTORS
(47) 20.01.2021	DISPLACEMENT MEMBER VELOCITY	WITH EXPANDABLE TISSUE STOP
(22) 20.12.2018	FOR A SURGICAL INSTRUMENT	ARRANGEMENTS
(54) STAPLING INSTRUMENT COMPRISING	(73) Ethicon LLC	(73) Ethicon LLC
A STAPLE FEEDING SYSTEM	(72) SHELTON, IV, Frederick E.	(72) Shelton, IV, Frederick E.
(73) Ethicon LLC	YATES, David C.	Harris, Jason L.
(72) SHELTON, IV, Frederick E.	HARRIS, Jason L.	(31) 201615385955
HARRIS, Jason L.	(31) 201715628162	(32) 21.12.2016
WORTHINGTON, Sarah A.	(32) 20.06.2017	(33) United States of America
WEANER, Lauren S.	(33) United States of America	(51) A61B 17/072
VOLZ, Janna B.	(51) A61B 17/072	A61B 90/00
MORGAN, Jerome R.	(11) EP3417802	(11) EP3398531
(31) 201715850587	(21) EP17209385.8	(21) EP18177801.0
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(33) United States of America	(22) 21.12.2017	(22) 22.08.2014
(51) A61B 17/064	(54) CLOSED LOOP FEEDBACK CONTROL	(54) DUAL TRIGGER LOCKOUT
A61B 17/80	OF MOTOR VELOCITY OF A	ARRANGEMENTS FOR SURGICAL
A61B 17/84	SURGICAL STAPLING AND CUTTING	INSTRUMENTS

(73) Ethicon LLC	(54) SYSTEMS FOR REMOVAL OF BLOOD	(47) 20.01.2021
(72) SHELTON, IV, Frederick E.	AND THROMBOTIC MATERIAL	(87) US2014044277
MORGAN, Jerome R.	(73) Walk Vascular, LLC	31.12.2014
HALL, Steven G.	(72) LOOK, David M.	(22) 26.06.2014
LEIMBACH, Richard L.	MALLABY, Mark	(54) ULTRASONIC CUTTING BLADE WITH
SCHELLIN, Emily A.	(31) 201462000448 P	COOLING LIQUID CONDUCTION
(31) 201313974182	201514715451	(73) Misonix, Incorporated
(32) 23.08.2013	(32) 19.05.2014	(72) VOIC, Dan
(33) United States of America	18.05.2015	(31) 201313931003
(51) A61B 17/12	(33) United States of America	(32) 28.06.2013
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(47) 20.01.2021	(11) EP3340901	(47) 20.01.2021
(87) IL2017050489	(21) EP16757121.5	(22) 16.07.2019
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(22) 03.05.2017	(87) US2016047357	OSTEOTOME POWERED SYSTEM
(54) EMBOLIZATION MICROCATHETER	02.03.2017	(73) Beijing SMTP Technology Co., Ltd.
HEAD HAVING SLITTED PATTERN	(22) 17.08.2016	(72) Cao, Qun
(73) Accurate Medical Therapeutics Ltd.	(54) ULTRASONIC SURGICAL	Zhan, Songtao
(72) TAL, Michael, Gabriel	INSTRUMENT CLAMP ARM WITH	Hu, Xiaoming
MILLER, Eran	SNAP-ON CLAMP PAD	(31) 201910113251
(31) 201662331724 P	(73) Ethicon LLC	(32) 14.02.2019
(32) 04.05.2016	(72) DICKERSON, Benjamin D.	(33) China
(33) United States of America	DENZINGER, Kristen G.	(51) A61B 17/32
(51) A61B 17/128	ASHER, Ryan M.	A61B 18/12
(11) EP3524180	LOCH, Collin J.	A61B 34/37
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(47) 20.01.2021	PRENGER, Daniel J	(21) EP18275214.7
(22) 11.02.2019	BOEHM, Laura A.	(47) 20.01.2021
(54) SURGICAL CLIP APPLIER WITH	(31) 201514836437	(22) 28.12.2018
LIVING HINGE JAWS	(32) 26.08.2015	(54) INCREASING RADIO FREQUENCY
(73) Ethicon LLC	(33) United States of America	TO CREATE PAD-LESS MONOPOLAR
(72) Stokes, Michael J.	(51) A61B 17/30	LOOP
Scott, Gregory	A61F 9/007	(73) Ethicon LLC
Labhasetwar, Disha	(11) EP3154455	(72) YATES, David C.
Brady, John	(21) EP15728497.7	SHELTON, IV Frederick E.
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(87) US2016023184	SCHALLER, Philipp	201862692748 P
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(73) In2Bones USA, LLC	(21) EP17725096.6	201862721995 P
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(51) A61B 17/22	FOR ULTRASONIC SURGICAL	30.03.2018
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United States of America	(54) METHOD FOR PLANNING	(54) SCREW WITH SCREW DRIVE HAVING
United States of America	INTRACORPOREAL POSITIONING	INTEGRATED TORQUE SECURITY
United States of America	OF A MEDICAL NEEDLE UNIT TO BE	(73) Syntellix AG
United States of America	INTRODUCED PERCUTANEOUSLY	(72) SEITZ, Jan Marten
United States of America	INTO A PATIENT	URBAN, Ute
(51) A61B 17/3207	(73) Medical Templates AG	HEINEMANN, Nils
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(33) United States of America	(54) SPINAL IMPLANT STRUCTURE AND	(72) ZIV-ARI, Morris
(51) A61B 17/3207	KIT THEREOF	ELIYAHU, Shiran
A61B 17/3211	(73) Wiltrom Co., Ltd.	RUBISSA, Assaf
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(72) PAPANGELOU, Christopher G.	(21) EP17174141.6	A61B 18/22
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AND DEPLOYING A STIMULATION	(47) 20.01.2021	(22) 28.12.2018
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(72) BOGGS, Joseph W.	(22) 14.04.2017	(73) Ethicon LLC
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DEBOCK, Matthew G.	PEDIATRIC CORRECTION OF SEVERE	YATES, David C.
MCGEE, Meredith J.	BONE MALFORMATIONS	HOUSER, Kevin L.
SELL, Devin		

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United States of America	SKIN TREATMENT	ZECH, Joachim W.
United States of America	(73) Panace Co., Ltd.	SCHULTE, Christoph
United States of America	(72) YOON, Sung Tae	OSSWALD, Peter U.
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ANDERSON, Dave	(51) A61C 1/00	LANZ, Heinz
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A61M 25/10	(54) A CONDUIT ARRANGEMENT OF	(51) A61D 19/02
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(21) EP08010700.6	AND A METHOD FOR CLEANING A	(21) EP19176339.0
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(22) 23.03.2005	DISTRIBUTOR DEVICE	(22) 24.05.2019
(54) Apparatus for inflating and deflating	(73) Ferton Holding S.A.	(54) DEVICE FOR COLLECTION OF
balloon catheters	(72) Lebreton, Etienne	ANIMAL SEMEN
(73) MEDTRONIC CRYOCATH LP	(51) A61C 1/00	(73) IMV Technologies
(72) Abboud, Marwan	A61C 1/05	(72) SCHMITT, Eric
Mihalik, Teresa	A61C 17/02	GORGES, Jean-Charles
Monger, Eric	(11) EP3595579	(31) 1854411
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MIYAMA, Hiroshi	COMPONENT AND USE	STASKE, Matthias
GOTO, Takakazu	(73) ThyssenKrupp Steel Europe AG	HEERMANN, Klemens
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LEWIS, Sue Camille	NAGANO, Takuya	(73) Kuraray Co., Ltd.
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(22) 26.03.2019	(73) Continental Reifen Deutschland GmbH	AKTIENGESELLSCHAFT
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Japan	(47) 20.01.2021	02.08.2018
Japan	(87) EP2017075225	(22) 18.12.2017
Japan	12.04.2018	(54) FORK FOR ARTICULATION AND
(51) B60C 11/03	(22) 04.10.2017	ACTUATOR WITH A FORK FOR AN
B60C 11/12	(54) TRAILER HITCH WITH CONTACT UNIT	ARTICULATION
B60C 11/13	(73) WESTFALIA - Automotive GmbH	(73) ZF Friedrichshafen AG
(11) EP3378678	(72) BRUMMEL, Christian	(72) KUHNT, Torsten
(21) EP17197901.6	(31) 102016119153	(31) 102017201352
(47) 20.01.2021	102016119393	(32) 27.01.2017
(22) 24.10.2017	(32) 07.10.2016	(33) Germany
(54) TIRE	12.10.2016	(51) B60G 17/015
(73) Sumitomo Rubber Industries, Ltd.	(33) Germany	B60G 17/018
(72) SHIBATA, Mitsutoshi	Germany	B60G 21/055
(31) 2017059659	(51) B60D 1/36	F16H 57/12
2017158811		(11) EP3630508

(21) EP18722437.3	YOSHIOKA, Hiroki	(33) United States of America
(47) 20.01.2021	OOTSUKA, Takashi	(51) B60H 1/34
(87) EP2018060764	SUZUKI, Daiju	(11) EP3606779
06.12.2018	(31) 2015130748	(21) EP19711852.4
(22) 26.04.2018	2016021030	(47) 20.01.2021
(54) METHOD FOR ACTUATING AN	(32) 30.06.2015	(87) EP2019056103
ELECTROMECHANICAL ROLL	05.02.2016	19.09.2019
STABILISER FOR A VEHICLE,	(33) Japan	(22) 12.03.2019
CONTROL DEVICE AND ROLL	Japan	(54) AIR GUIDANCE ELEMENT WITH
STABILISER SYSTEM	(51) B60H 1/00	FRICTION ELEMENT AND AIR OUTLET
(73) ZF Friedrichshafen AG	B60H 1/32	(73) Dr. Schneider Kunststoffwerke GmbH
(72) STEPHAN, Christian	(11) EP3632721	(72) CAMPANARO, Roberto
KRIMMEL, Horst	(21) EP19192234.3	GAREIS, Jenny
(31) 102017209143	(47) 20.01.2021	(31) 102018105759
(32) 31.05.2017	(22) 03.10.2018	(32) 13.03.2018
(33) Germany	(54) A MOTOR-VEHICLE AUXILIARY AIR	(33) Germany
(51) B60G 17/033	CONDITIONING SYSTEM	(51) B60H 1/34
B62D 63/02	(73) C.R.F. Società Consortile per Azioni	F24F 13/15
B66F 9/06	(72) CARZANA, Mr. Andrea	(11) EP3590744
B60G 99/00	LAZZARO, Mr. Pietro	(21) EP18182175.2
(11) EP3040219	MATTIELLO, Mr. Fabrizio	(47) 20.01.2021
(21) EP15002648.2	FERRARIS, Mr. Walter	(22) 06.07.2018
(47) 20.01.2021	(51) B60H 1/00	(54) ADJUSTABLE AIR VENT
(22) 10.09.2015	B60K 11/04	(73) Volvo Car Corporation
(54) MODULAR LOW FLOOR TRANSPORT	F01P 3/18	(72) Wilhelmsson, Henrik
SYSTEM	(11) EP3221171	(51) B60J 5/10
(73) KUKA Deutschland GmbH	(21) EP15797309.0	(11) EP3034341
(72) Riedel, Martin	(47) 20.01.2021	(21) EP15196774.2
Scheuven, Christoph	(87) EP2015076977	(47) 20.01.2021
(31) 102014017532	26.05.2016	(22) 27.11.2015
(32) 27.11.2014	(22) 18.11.2015	(54) VEHICULAR RESIN BACK DOOR
(33) Germany	(54) ASSEMBLY FOR COOLING A MOTOR	STRUCTURE
(51) B60G 21/055	VEHICLE ENGINE, COMPRISING A	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
F16H 1/28	COOLING MODULE OF A VEHICLE	(72) IKEDA, Koki
H02K 7/116	AIR-CONDITIONING SYSTEM	AYUKAWA, Tatsuya
(11) EP3615359	(73) Valeo Klimasysteme GmbH	(31) 2014252921
(21) EP18715579.1	(72) HAUSSMANN, Roland	(32) 15.12.2014
(47) 20.01.2021	(31) 102014117007	(33) Japan
(87) EP2018057692	(32) 20.11.2014	(51) B60J 7/057
01.11.2018	(33) Germany	F16C 1/14
(22) 27.03.2018	(51) B60H 1/00	F16C 1/20
(54) ROLL STABILISER AND USE OF	B60P 3/20	(11) EP3550162
A ROLL STABILISER IN A MOTOR	G08C 17/02	(21) EP19172315.4
VEHICLE	H04Q 9/00	(47) 20.01.2021
(73) ZF Friedrichshafen AG	(11) EP3392084	(22) 01.03.2017
(72) BLANKENSPECK, Dirk	(21) EP17167429.4	(54) METHOD FOR PRODUCING A
(31) 102017207118	(47) 20.01.2021	TRANSMISSION CABLE
(32) 27.04.2017	(22) 20.04.2017	(73) Küster Holding GmbH
(33) Germany	(54) COMMERCIAL VEHICLE TRAILER	(72) SCHERLE, Artur
(51) B60H 1/00	(73) Schmitz Cargobull AG	REINHARDT, Günter
B60H 1/22	(72) Honkomp, Dieter	ECKHARDT, Markus
F24H 1/00	(51) B60H 1/32	(31) 102016104918
F24H 1/10	B60P 3/20	(32) 16.03.2016
F24H 1/14	B60S 9/08	(33) Germany
F24H 9/00	(11) EP3541670	(51) B60J 10/248
F24H 9/18	(21) EP17817425.6	B60J 10/75
H05B 3/50	(47) 20.01.2021	(11) EP3489056
H05B 3/78	(87) US2017062828	(21) EP18206681.1
(11) EP3318812	24.05.2018	(47) 20.01.2021
(21) EP16817672.5	(22) 21.11.2017	(22) 16.11.2018
(47) 20.01.2021	(54) LANDING GEAR SYSTEM AND	(54) VEHICLE DOOR SEAL STRUCTURE
(87) JP2016067107	METHOD OF OPERATING A LANDING	(73) Mazda Motor Corporation
05.01.2017	GEAR SYSTEM FOR A VEHICLE	Katayama Kogyo Co., Ltd.
(22) 08.06.2016	TRAILER	(72) Takahashi, Nobuyuki
(54) FLUID HEATING DEVICE	(73) Carrier Corporation	Yokoyama, Hiroaki
(73) Calsonic Kansei Corporation	(72) SWAB, Michael	Moriya, Takashi
(72) OGASAWARA, Takeshi	(31) 20166242484 P	(31) 2017227625
KAMIYAMA, Naohisa	(32) 21.11.2016	

(32) 28.11.2017	B60W 20/00	(73) Honda Motor Co., Ltd.
(33) Japan	B60W 20/10	(72) Takiguchi, Chikashi
(51) B60K 1/00	B60W 20/19	(31) 2018022570
B60K 7/00	(11) EP2899082	(32) 09.02.2018
B60K 17/04	(21) EP13839482.0	(33) Japan
B62K 3/00	(47) 20.01.2021	(51) B60K 13/04
B62M 11/16	(87) JP2013057227	B60K 15/03
B62M 6/00	27.03.2014	F01N 3/20
B62M 6/65	(22) 14.03.2013	(11) EP3546266
(11) EP3294617	(54) VEHICLE	(21) EP18164579.7
(21) EP16793376.1	(73) Kubota Corporation	(47) 20.01.2021
(47) 20.01.2021	(72) MATSUZAKI Yushi	(22) 28.03.2018
(87) US2016031664	FUJIMOTO Yoshitomo	(54) COMBINATION TANK AND PLASTIC
17.11.2016	KONO Michita	VESSEL FOR SAME
(22) 10.05.2016	HAYASHI Shigeki	(73) Salzburger Aluminium Aktiengesellschaft
(54) HUB MOTOR ARRANGEMENT	SHINKAI Atsushi	(72) Hoek, Willem
(73) RAZOR USA LLC	NISHI Keishiro	Lablans, Sander
(72) HUANG, Joey, Chih-Wei	MUKAI Hisao	Winklhofer, Johannes
(31) 201514709916	(31) 2012210087	(51) B60K 17/16
(32) 12.05.2015	2012210088	F16H 48/36
(33) United States of America	2012210089	(11) EP3074260
(51) B60K 1/00	2012215235	(21) EP14795960.5
B62D 1/19	(32) 24.09.2012	(47) 20.01.2021
B62D 21/15	24.09.2012	(87) EP2014003019
(11) EP3552854	24.09.2012	04.06.2015
(21) EP19165451.6	27.09.2012	(22) 11.11.2014
(47) 20.01.2021	(33) Japan	(54) ACTIVE DIFFERENTIAL AND MOTOR
(22) 27.03.2019	Japan	VEHICLE
(54) ARRANGEMENT STRUCTURE	Japan	(73) Audi AG
OF ELECTRICAL APPARATUS IN	Japan	(72) PINSCHMIDT, Udo
ELECTRIC AUTOMOBILE	(51) B60K 11/02	SCHELS, Thomas
(73) Honda Motor Co., Ltd.	F04D 13/06	WOLF, Maximilian
(72) SASAKI, Tomomi	F04D 29/40	(31) 102013019907
SUZUKI, Takanori	F04D 29/42	(32) 28.11.2013
ISHINO, Kotaro	F04D 29/58	(33) Germany
KITAMURA, Yuki	H02K 5/128	(51) B60K 17/34
(31) 2018067259	H02K 5/20	B60K 17/344
(32) 30.03.2018	H02K 7/14	B60K 17/35
(33) Japan	H02K 11/33	B60K 23/08
(51) B60K 1/04	(11) EP2609337	(11) EP2743116
(11) EP3064389	(21) EP11819232.7	(21) EP13196609.5
(21) EP16156973.6	(47) 20.01.2021	(47) 20.01.2021
(47) 20.01.2021	(87) CA2011000961	(22) 11.12.2013
(22) 23.02.2016	01.03.2012	(54) Control apparatus for four wheel drive
(54) BATTERY UNIT MOUNTING	(22) 24.08.2011	vehicle
STRUCTURE	(54) ELECTRIC WATER PUMP WITH	(73) JTEKT CORPORATION
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	STATOR COOLING	(72) Mita, Masaki
(72) NAKAJIMA, Jun	(73) Magna Powertrain FPC Limited	Takuno, Hiroshi
(31) 2015045046	Partnership	(31) 2012274787
(32) 06.03.2015	(72) MILLS, Kyle D.	(32) 17.12.2012
(33) Japan	MAURINO, Paolo Lincoln	(33) Japan
(51) B60K 6/12	(31) 376740 P	(51) B60K 17/356
B60K 17/10	(32) 25.08.2010	B60W 10/02
B60K 25/06	(33) United States of America	B60K 6/387
B60W 10/04	(51) B60K 11/04	B60K 6/448
B60W 10/06	B60K 13/04	B60K 6/52
B60W 10/08	B62K 11/04	B60W 10/11
B60W 10/30	B62K 25/28	B60W 20/20
F02D 29/00	B62M 7/04	B60W 20/40
F02D 29/02	F01P 3/18	(11) EP3589510
B60K 6/485	F02B 61/02	(21) EP18706788.9
B60K 6/543	F01N 13/00	(47) 20.01.2021
B60K 6/547	B62J 41/00	(87) FR2018050259
B60W 10/10	(11) EP3524502	07.09.2018
B60W 10/103	(21) EP19154381.8	(22) 02.02.2018
B60W 10/11	(47) 20.01.2021	(54) DEVICE CONTROLLING COUPLINGS/
B60W 30/18	(22) 30.01.2019	UNCOUPLINGS OF A PRIME MOVER
B60W 30/192	(54) SADDLE RIDING VEHICLE	

OF A VEHICLE DURING A CHANGE IN TRANSMISSION RATIO	G02B 5/26	G06F 1/16
(73) PSA Automobiles SA	G02B 26/10	(11) EP3215391
(72) MILHAU, Yohan	G02B 27/01	(21) EP15775087.8
ROCQ, Gaetan	H04N 5/74	(47) 20.01.2021
COZ, Emmanuel	(11) EP3279715	(87) EP2015001948
(31) 1751695	(21) EP16772060.6	12.05.2016
(32) 02.03.2017	(47) 20.01.2021	(22) 06.10.2015
(33) France	(87) JP2016056445	(54) DISPLAY DEVICE FOR A MOTOR
(51) B60K 23/08	06.10.2016	VEHICLE, METHOD FOR OPERATING
(11) EP3088233	(22) 02.03.2016	A DISPLAY DEVICE, AND MOTOR
(21) EP16162024.0	(54) PROJECTION DISPLAY DEVICE	VEHICLE HAVING A DISPLAY DEVICE
(47) 20.01.2021	(73) Hamamatsu Photonics K.K.	(73) Audi AG
(22) 23.03.2016	(72) SAKURAI Naoto	(72) HÉLOT, Jacques
(54) METHOD AND CONTROL UNIT FOR	OGURI Akihiro	WEIGELT, Sandro
TRACTION CONTROL OF DRIVEN	(31) 2015072474	REDEKER, Immo
WHEELS AND AGRICULTURAL	(32) 31.03.2015	HACKENBERG, Ulrich
WORKING MACHINE	(33) Japan	MAYER, Roland
(73) ZF Friedrichshafen AG	(51) B60K 35/00	(31) 102014016323
(72) Ebertseder, Thomas	G02B 26/10	(32) 03.11.2014
(31) 102015207623	G02B 27/00	(33) Germany
(32) 27.04.2015	G02B 27/01	(51) B60L 1/00
(33) Germany	G02B 27/12	B60L 7/14
(51) B60K 26/02	(11) EP3259633	B60L 15/00
B60W 30/18	(21) EP16752987.4	H02M 7/483
B60W 20/00	(47) 20.01.2021	H02M 7/49
B60W 50/08	(87) US2016018293	B60L 58/20
B60W 50/16	25.08.2016	B60L 58/21
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(21) EP15710850.7	(54) SYSTEMS, DEVICES, AND METHODS	(21) EP17713894.8
(47) 20.01.2021	FOR EYEBOW EXPANSION IN	(47) 20.01.2021
(87) GB2015050593	WEARABLE HEADS-UP DISPLAYS	(87) EP2017025059
03.09.2015	(73) Google LLC	28.09.2017
(22) 02.03.2015	(72) BAILEY, Matthew	(22) 24.03.2017
(54) HYBRID DRIVE SYSTEM	ALEXANDER, Stefan	(54) METHOD FOR OPERATING AN
(73) Bentley Motors Limited	MORRISON, Vance, R.	ELECTRICAL NETWORK
(72) O MEACHAIR, Deaglan	HOLLAND, Lloyd, Frederick	(73) Dr.Ing. H.C. F. Porsche
CRUMPTON, Matthew	MOORE, Joshua	Aktiengesellschaft
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(32) 28.02.2014	201562156736 P	JAENSCH, Malte
(33) United Kingdom	201562242844 P	LAPPE, Dirk
(51) B60K 35/00	(32) 17.02.2015	(31) 102016105542
F02D 29/00	04.05.2015	(32) 24.03.2016
F02D 29/02	16.10.2015	(33) Germany
F16H 63/40	(33) United States of America	(51) B60L 3/04
B60K 6/22	United States of America	H02J 7/00
(11) EP2933463	United States of America	B60L 3/00
(21) EP13864495.0	(51) B60K 37/02	(11) EP3708403
(47) 20.01.2021	G01D 11/28	(21) EP19162233.1
(87) JP2013083124	G01D 13/26	(47) 20.01.2021
26.06.2014	(11) EP3126784	(22) 12.03.2019
(22) 10.12.2013	(21) EP15715197.8	(54) SOLID STATE SWITCH DRIVER
(54) MOTIVE-POWER OPERATION	(47) 20.01.2021	CIRCUIT FOR A BATTERY SYSTEM
GUIDANCE DEVICE	(87) EP2015056692	(73) Samsung SDI Co., Ltd.
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	01.10.2015	(72) Kurcik, Peter
(72) MARUNAKA, Kenji	(22) 27.03.2015	Hofer, Maximilian
TSUJI, Daisuke	(54) REAR-MOUNTED DASHBOARD	(51) B60L 3/10
IMANISHI, Noriyuki	INDICATOR, AND ILLUMINATED	B60T 8/17
KATOU, Hiroshi	INDICATOR NEEDLE	B60T 8/172
WATANABE, Masaya	(73) MMT SA	B60T 13/66
OCHI, Toru	(72) STRAHM, Martin	B60T 17/22
TSUTSUMI, Yasuhiro	DUHAMEL, Clément	G01L 5/28
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(33) Japan	(32) 28.03.2014	(21) EP18719295.0
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G02B 5/02	(33) France	(87) IB2018052170
G02B 5/20	France	04.10.2018
	(51) B60K 37/06	(22) 29.03.2018

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(73) Faiveley Transport Italia S.r.l.	(51) B60P 1/58	(51) B60Q 1/08
(72) IMBERT, Luc	(11) EP3393851	B60Q 1/14
FREA, Matteo	(21) EP16825593.3	G06K 9/00
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(32) 31.03.2017	(87) NL2016050916	F21S 41/663
(33) Italy	29.06.2017	F21S 41/675
(51) B60M 7/00	(22) 23.12.2016	(11) EP3430307
G05F 1/66	(54) DEVICE FOR EMPTYING A	(21) EP17710925.3
H02J 7/00	CONTAINER, A CONTAINER SUITABLE	(47) 20.01.2021
H02J 50/12	FOR USE WITH THE DEVICE,	(87) EP2017056151
H02J 50/80	A METHOD FOR EMPTYING A	21.09.2017
B60L 50/60	CONTAINER USING THE DEVICE, AND	(22) 15.03.2017
B60L 53/122	USE OF AN OSCILLATION TO EMPTY	(54) MOTOR VEHICLE HAVING AT LEAST
B60L 53/39	A CONTAINER	ONE HEADLIGHT
(11) EP3467996	(73) Internationaal Transportbedrijf H.J. Van	(73) Audi AG
(21) EP17806060.4	Bentum B.V.	(72) FUNK, Christian
(47) 20.01.2021	(72) VAN BENTUM, Hendrik	BARMEYER, Florenz
(87) JP2017003764	VERMEULEN, Jan Dirk Aart	ARMBRUSTER, Tilman
07.12.2017	(31) 2016034	GUT, Carsten
(22) 02.02.2017	(32) 24.12.2015	OMERBEGOVIĆ, Said
(54) CONTACTLESS POWER SUPPLY	(33) Netherlands	(31) 102016003296
SYSTEM AND CONTACTLESS POWER	(51) B60P 7/13	(32) 17.03.2016
TRANSMISSION SYSTEM	B65D 90/00	(33) Germany
(73) Panasonic Intellectual Property	E04B 1/348	(51) B60Q 1/50
Management Co., Ltd.	(11) EP3613911	B60Q 9/00
(72) OHORI Takahiro	(21) EP19179554.1	B66F 11/04
TAMURA Hideki	(47) 20.01.2021	(11) EP3515854
TANJI Yusuke	(22) 11.06.2019	(21) EP17748820.2
OKAURA Shingo	(54) BOX ASSEMBLY	(47) 20.01.2021
(31) 2016107869	(73) Modulraum GmbH	(87) FR2017051818
(32) 30.05.2016	(31) 202018104810 U	29.03.2018
(33) Japan	(32) 21.08.2018	(22) 04.07.2017
(51) B60N 2/00	(33) Germany	(54) VISUAL ASSISTANCE TO THE ON-
B60N 2/02	(51) B60Q 1/00	GROUND MOVEMENT OF A LIFTING
(11) EP3501886	F21S 41/29	PLATFORM
(21) EP17208648.0	F21S 43/14	(73) Haulotte Group
(47) 20.01.2021	F21S 43/19	(72) LUMINET, Philippe
(22) 19.12.2017	F21S 43/237	DITTUS, Sebastian
(54) VEHICLE AND METHOD OF	F21S 43/245	VIAOÛET, Clément
ASSOCIATING VEHICLE SETTINGS	F21S 43/27	(31) 1658887
WITH A USER OF THE VEHICLE	F21S 43/30	(32) 21.09.2016
(73) Vestel Elektronik Sanayi ve Ticaret A.S.	F21S 43/31	(33) France
(72) ÇUBUKÇU, Baran	F21S 43/37	(51) B60R 1/00
(51) B60N 2/12	F21S 43/40	(11) EP3378702
B60N 2/20	F21S 45/48	(21) EP18162647.4
B60N 2/235	(11) EP3233569	(47) 20.01.2021
B60N 2/90	(21) EP15807667.9	(22) 19.03.2018
(11) EP3077249	(47) 20.01.2021	(54) VIEWING DEVICE FOR VEHICLE
(21) EP14809331.3	(87) EP2015079096	(73) Toyota Jidosha Kabushiki Kaisha
(47) 20.01.2021	23.06.2016	(72) KUMON, Hitoshi
(87) EP2014076160	(22) 09.12.2015	TAKAHASHI, Yasunobu
11.06.2015	(54) LIGHTING DEVICE FOR A MOTOR	OHTSUKA, Yuto
(22) 02.12.2014	VEHICLE	(31) 2017060179
(54) FORWARD PIVOT MECHANISM FOR A	(73) Volkswagen AG	(32) 24.03.2017
VEHICLE SEAT, AND VEHICLE SEAT	Marelli Automotive Lighting Reutlingen	(33) Japan
(73) Adient Luxembourg Holding S.à r.l.	(Germany) GmbH	(51) B60R 1/06
(72) PLUTA, Wolfgang	(72) SOLA GOMFAUS, Andreu	(11) EP3600967
WOLF, Christian	SCHITTECK, Jan-Peter	(21) EP17723753.4
DILL, Thomas	STINDL, Olaf	(47) 20.01.2021
CHRISTOFFEL, Thomas	TÖLLE, Pia	(87) IB2017000540
(31) 102013224689	TRIF, Theodor	04.10.2018
102014207606	(31) 102014226029	(22) 30.03.2017
(32) 02.12.2013	102015121324	(54) MIRROR ASSEMBLY
23.04.2014	(32) 16.12.2014	(73) Volvo Truck Corporation
	08.12.2015	(72) BERNE, Nicolas
	(33) Germany	CURTIL, Eddy
		YEOM, Won Chol

MARTIN, Pierre-Alexandre	LAKE, Timothy Hugh	(33) United States of America
(51) B60R 3/00	O'MALLEY, Mark	(51) B60T 8/00
B60R 19/24	TAYLOR, Oliver Paul	B60W 10/06
B60R 19/56	WILLIAMS, David John Roach	B60W 10/08
B62D 25/08	(51) B60R 21/00	B60W 30/14
B62D 33/077	B60W 30/14	B60K 6/48
(11) EP3600968	B60W 30/08	B60W 10/18
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(47) 20.01.2021	B60W 30/16	B60W 20/14
(87) IB2017000478	(11) EP3527449	(11) EP3608191
04.10.2018	(21) EP17860259.5	(21) EP17904857.4
(22) 31.03.2017	(47) 20.01.2021	(47) 20.01.2021
(54) VEHICLE SUBASSEMBLY AND METHOD	(87) JP2017036675	(87) JP2017014125
(73) Volvo Truck Corporation	19.04.2018	11.10.2018
(72) VAIREAUX, Frédéric	(22) 10.10.2017	(22) 04.04.2017
(51) B60R 3/02	(54) VEHICLE CONTROL APPARATUS	(54) VEHICLE CONTROL METHOD AND VEHICLE CONTROL DEVICE
(11) EP3546294	(73) Mazda Motor Corporation	(73) NISSAN MOTOR CO., LTD.
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(73) Voith Patent GmbH	HERZOG, Jacob, D.	Schienenfahrzeuge GmbH
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SUCH SENSORSYSTEM AND	(51) B62D 7/22	(47) 20.01.2021
METHOD TO OPERATE SUCH	F16D 3/76	(22) 19.10.2018
SYSTEM	F16F 1/38	(54) ARRANGEMENT OF A VEHICLE BODY
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Corporation	(22) 27.05.2019	OLEKSIK, Josef
(72) Longuemare, Pierre C.	(54) ROTARY POSITION SENSOR	RICHTER, Timo
Audino Novo, Eduardo	ISOLATOR	VAN RAEMDONCK, Gandert Marcel Rita
Herviou, Thomas	(73) Deere & Company	(31) 102016008213
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(72) NAUMANN, Ralf	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(72) Mantsinen, Jyrö Juhani
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DEVICE AND TRAILER	(54) ADAPTIVE MOTOR TORQUE	COUPLING DEVICE TO A FREE-
(73) Reich GmbH Regel- und	ADJUSTMENT FOR ELECTRIC TWO-	FLOATING OBJECT
Sicherheitstechnik	WHEELED VEHICLES	(73) Technische Universität Berlin
(72) BENDER, Steffen	(73) Robert Bosch GmbH	(72) RITZ, Sebastian
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(54) METHOD AND ASSEMBLY	ROTATION OF PARTIAL ASSEMBLIES	(22) 01.02.2013
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B62K 5/08	(51) B62M 11/14	Zhang, Biao
B62M 1/12	B62M 6/55	Patel, Poorvi
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B62K 5/05	(21) EP17819018.7	(51) B63H 25/04
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(22) 28.06.2016	(22) 26.05.2017	(21) EP17732363.1
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(73) Balson AG	(73) Wuhan Ttium Motor Technology Co., Ltd.	20.12.2018
(72) Ball, Charles	(72) MEI, Liang	(22) 15.06.2017
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(32) 30.06.2015	LI, Hui	(73) ABB Schweiz AG
(33) Switzerland	(31) 201610514873	(72) ORIVUORI, Juha
(51) B62K 11/04	(32) 01.07.2016	TERVO, Kalevi
B62M 7/02	(33) China	KORSSTRÖM, Andrei
H02K 7/00	(51) B63B 17/04	(51) B64C 11/46
H02K 7/02	B63G 13/00	B64C 31/036
	F41H 11/00	B64D 27/24

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(11) EP3176079	DRIVEN ENVIRONMENTAL CONTROL	(47) 20.01.2021
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(22) 27.10.2016	(72) MARR, Nicholas James	SYSTEM
(54) DRIVING DEVICE FOR A PARACHUTE	LUDVIK, Jan	(73) Airbus Operations GmbH
(73) SKY SPORT INTERNATIONAL PVT	ZAPLE, Mike	(72) MacLennan, Simon
LTD.	(31) 201715625152	Behr, Robert
(72) KURRLE, Ulrich	(32) 16.06.2017	(31) 102018112523
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G05D 1/08	(21) EP19164324.6	F21W 11/06
G05D 1/02	(47) 20.01.2021	G08G 5/02
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(47) 20.01.2021	CONTROL SYSTEM INCLUDING VALVE	(47) 20.01.2021
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(22) 26.12.2016	(73) Hamilton Sundstrand Corporation	(22) 09.04.2015
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(73) Microsoft Technology Licensing, LLC	KLINE, Erin G.	(72) LOWE, William Dennis
(72) CHANDRA, Ranveer	MALJANIAN, John M.	LONERGAN, Peter
KAPOOR, Ashish	HARTMAN, Jay H.	COSTELLO, Steven Dennis John
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(73) Hamilton Sundstrand Corporation	F42B 3/10	YUAN, Qin
(72) BRUNO, Louis J.	F42C 19/10	ZHANG, Yingchun
ZYWIAK, Thomas M.	(11) EP3514066	(31) 201610323291
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(32) 05.06.2015	APPARATUS	B31B 50/25
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(22) 09.04.2018	F15B 1/26	(54) A METHOD FOR FORMING AN
	F15B 21/047	OPENED DIE-CUT ELEMENT,
	(11) EP3572675	PARTICULARLY FOR FORMING A

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(73) Tiber Pack S.p.A.	(73) Kronos Aktiengesellschaft	(31) 201700109463
(72) CECI, Maurizio	(72) KIRZINGER, Johannes	(32) 29.09.2017
(31) 201700033740	KOCH, Peter	(33) Italy
(32) 28.03.2017	KOLLMUSS, Manuel	(51) B65D 19/12
(33) Italy	WINZINGER, Frank	(11) EP3093249
	SPINDLER, Herbert	(21) EP16168037.6
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B65B 59/00	B65G 54/02	(72) ZLATARIU, Emanuel
(11) EP3359452	(11) EP3678950	(31) 1500969
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(22) 06.10.2016	(22) 05.09.2018	France
(54) STATION FOR INSERTING PRODUCTS INTO BOX-LIKE BODIES OF DIFFERENT TYPES	(54) A MACHINE FOR CONVEYING CONTAINERS	(51) B65D 25/20
(73) I.M.A. Industria Macchine Automatiche S.p.A.	(73) Makro Labelling S.r.l.	B65D 47/08
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	(33) Italy	(54) CONTAINER SYSTEM WITH IMPROVED MESSAGING STRUCTURE
(51) B65B 11/10	(51) B65D 1/02	(73) The Procter & Gamble Company
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B65B 35/44	(21) EP18167163.7	ROBINSON, Ashley Chonta
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(11) EP3549877	(22) 20.11.2014	VAN ASSCHE, Sofie
(21) EP18215176.1	(54) DELAMINATABLE CONTAINER	(31) 201815933702
(47) 20.01.2021	(73) Kyoraku Co., Ltd.	(32) 23.03.2018
(22) 21.12.2018	(72) Taruno, Shinsuke	(33) United States of America
(54) PACKAGING DEVICE AND METHOD FOR ADAPT AND/OR EQUIP A PACKAGING DEVICE	(31) 2013245374	(51) B65D 27/06
(73) Kronos Aktiengesellschaft	2013245358	B65D 27/34
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PRANKL, Irmengard	(47) 20.01.2021	(73) J.B. Machines S.r.l.
JUNGLAS, Florian	(22) 27.02.2019	(72) ZANON, Walter
WERNER, Jürgen	(54) BLANK OF COMPRESSIBLE FOLDABLE BOX AND COMPRESSIBLE FOLDABLE BOX	GIACOMETTI, Stefano
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B65B 43/26	(51) B65D 5/66	B65D 75/00
B65B 59/00	(11) EP3461757	(11) EP3371072
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(54) MODULE SYSTEM FOR HANDLING DRINKS CONTAINERS AND		(31) 20155817
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MIZOGUCHI, Hirotaka	CUSHIONING PACKING BOX AND	PACKAGING
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C11D 1/02	(72) Liao, Tai-An	CUMBY, Brad
C11D 1/14	Yin, Jing-Wen	ORLOWSKI, James
C11D 1/66	Liao, Ping-Yuan	STROHMEIER, Brian
C11D 1/83	(31) 107102409	DUAN, Hu
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C11D 3/37	(33) Taiwan, Province of China	FELTZ, John
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METHOD FOR OILING MACHINE WITH	HAKANSSON, Sebastian	C07C 17/383
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(22) 28.05.2018	(22) 08.11.2016	DISTRIBUTION CONTROL USING
(54) CATHODE ACTIVE MATERIAL AND FLUORIDE ION BATTERY	(54) PROCESS USING ION EXCHANGE RESINS FOR THE TREATMENT OF WASTEWATER EMANATING FROM	SOFT SENSOR AND METHODS
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	PURIFIED TEREPHTHALIC ACID PRODUCTION	(73) Emhart Glass S.A.
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(54) CATHODE ACTIVE MATERIAL FOR LITHIUM SECONDARY BATTERY, METHOD FOR MANUFACTURING SAME, ELECTRODE COMPRISING SAME, AND LITHIUM SECONDARY BATTERY COMPRISING SAID ELECTRODE	(54) METHOD OF TREATMENT OF GEOTHERMAL FLUID OR FORMATION WATER STREAMS BY CONTINUOUS ELECTROCHEMICAL REMOVAL OF REDUCIBLE METAL AND/OR METALLOID IONS FROM THE PRODUCTION STREAM	(11) EP2879998
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(51) C07C 7/148	PRECURSOR COMPOUND THEREOF	VARIOUS PRODUCTION CAPACITIES
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C08F 38/00	(54) METHOD FOR PRODUCING	(87) EP2017083257
G03F 7/09	DIAMINES AND POLYAMINES OF THE	28.06.2018
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(22) 14.03.2019	(72) KNAUF, Thomas	DIPHENYLMETHANE SERIES FOR
(54) COMPOUND, COMPOSITION	WERSHOFEN, Stefan	VARIOUS PRODUCTION CAPACITIES
FOR FORMING ORGANIC FILM,	GRUNER, Klaus-Gerd	(73) Covestro Intellectual Property GmbH &
SUBSTRATE FOR MANUFACTURING	HARTJES, Volker	Co. KG
SEMICONDUCTOR APPARATUS,	(31) 16206111	(72) KNAUF, Thomas
METHOD FOR FORMING ORGANIC	(32) 22.12.2016	WERSHOFEN, Stefan
FILM, AND PATTERNING PROCESS	(33) European Patent Office (EPO)	GRUNER, Klaus-Gerd
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RESULTING INSULATING PRODUCTS	(21) EP15869976.9	LEUTFELD, Daniela
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C08G 18/28	MATERIAL, METHOD FOR	C08L 69/00
C08G 18/48	PRODUCING SELF-REPAIRING	C09D 175/06
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YAN, Lei	C08L 77/00	SELDRUM, Thomas
DRUMRIGHT, Ray E.	C08L 83/10	VAN TIGGELEN, Kevin
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(73) Zeon Corporation	JIKEI, Mitsutoshi	(21) EP16819184.9
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(22) 01.10.2015	(54) COMPOUND	BASED COMPOSITION WHILE
(54) HYGROSCOPIC SALT APPARATUS	(73) Merck Patent GmbH	DECREASING PLUGGING
(73) Université Libre de Bruxelles	(72) Junge, Michael	(73) Saudi Arabian Oil Company
Université de Mons	Beyer, Andreas	(72) CHOI, Ki-Hyouk
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(73) METALOGENIA, S.A.	(73) Z-Modular Holding, Inc	(73) HYDRO EXTRUDED SOLUTIONS AS
(72) MARTINEZ Angel	(72) BOWRON, Julian	(72) LASFARGUES, Francis
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ALONSO Ester	(33) United States of America	(31) 1851906
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(54) VALVE ARMATURE FOR THE FILLING	(73) GCP Applied Technologies Inc.	(73) GRANAB Förvaltning AB
OF A SANITARY CISTERN AND	(72) WIERCINSKI, Robert, A.	(72) BLOM, Fredrik
SANITARY CISTERN HAVING A VALVE	DING, Hongmei	BLOM, Kent
ARMATURE OF THIS TYPE	CAO, Xia	(51) E04F 10/08
(73) Viega Technology GmbH & Co. KG	(51) E04B 1/76	E06B 7/086
(72) DIETERMANN, Patrick	E04B 5/04	E06B 9/24
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E03D 11/14	(22) 03.07.2012	(87) FR2016051892
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(33) France	PANEL CLOSURE	E05B 83/28
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(54) FASTENING DEVICE	(21) EP18189281.1	WILSON, Andreas
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(72) KRIPPENDORF, Jörg Siegfried	(22) 16.08.2018	E05F 1/10
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(72) YANO Hitoshi	E05C 9/18	LANG, Erich
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VARIABLE ROUGHNESS	AKAMATSU Shinji	NOLAN, Sean
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APPARATUS	SENSORS	F21V 21/088
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Kawasaki Heavy Industries, Ltd.	(72) Steinkemper, Heiko	F21V 23/04
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(73) Safran Seats USA LLC	(73) MAN Truck & Bus Österreich AG	Hu, Lieh-Hsiung
(72) FREIENMUTH, Eric O.	(72) Raab, Gottfried	(31) 103220783
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(72) DONG, Fangxu	H05B 47/11	FERRATO DI SBROJAVACCA, Carlo
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KANG, Min Hyeong	(21) EP18213952.7	BATTERY INCLUDING CARBON
(31) 20170064899	(47) 20.01.2021	NANOTUBE SHEET
(32) 25.05.2017	(22) 19.12.2018	(73) LG Chem, Ltd.
(33) Korea (Republic)	(54) NEGATIVE ELECTRODE ACTIVE	(72) YOU, Min Kyu
(51) H01M 4/02	MATERIAL FOR LITHIUM SECONDARY	UHM, In Sung
H01M 4/04	BATTERY, NEGATIVE ELECTRODE	MOK, Eun Kyung
H01M 4/24	INCLUDING THE SAME, AND LITHIUM	(31) 20160139821
H01M 4/26	SECONDARY BATTERY INCLUDING	20170133825
H01M 4/29	THE NEGATIVE ELECTRODE	(32) 26.10.2016
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H01M 4/52	Kim, Hyunchul	Korea (Republic)
(11) EP3685459	Soh, Hyun	(51) H01M 4/36
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(47) 20.01.2021	(32) 22.12.2017	H01M 4/13
(87) EP2019082056	(33) Korea (Republic)	H01M 4/131
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H01G 11/06	H01M 8/1018	DIXON, David
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(87) JP2018005368	(54) FUEL CELL WITH IMPROVED	(11) EP3124333
30.08.2018	DURABILITY	(21) EP16180931.4
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(54) NONAQUEOUS ELECTROLYTE	(72) SCHNEITER, Manuel	(22) 25.07.2016
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AND METHOD FOR PRODUCING	(32) 26.08.2016	(73) AISIN SEIKI KABUSHIKI KAISHA
SAME	(33) United States of America	(72) KOIZUMI, Takaaki
(73) GS Yuasa International Ltd.	(51) H01M 8/04082	TABATA, Takehiro
(72) IOKA, Hirotsugu	H01M 8/04089	(31) 2015150939
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(32) 24.02.2017	H01M 8/04291	(33) Japan
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(51) H01M 4/74	H01M 8/0438	H03K 17/94
H01M 4/86	H01M 8/0444	(11) EP2936682
H01M 4/88	H01M 8/04492	(21) EP13827008.7
H01M 4/90	H01M 8/04537	(47) 20.01.2021
H01M 8/16	H01M 8/04828	(87) EP2013077859
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H01M 8/0239	(47) 20.01.2021	(54) MICROWAVE SIGNAL SWITCHING
H01M 8/0241	(22) 29.03.2019	DEVICE, PARTICULARLY OF
H01M 8/0247	(54) FUEL CELL SYSTEM	NANOMETRIC SIZE, AND
H01M 8/08	(73) Panasonic Intellectual Property	ELECTRONIC COMPONENT
H01M 8/1018	Management Co., Ltd.	INCORPORATING SUCH A DEVICE
C25B 11/03	(72) MORITA, Junji	(73) Thales
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(21) EP14708522.9	ISE, Takehiko	De Lille
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(22) 26.02.2014	(51) H01M 10/0525	CHAZELAS, Jean
(54) CURRENT DENSITY DISTRIBUTOR	H01M 10/0567	DECOSTER, Didier
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(51) H01M 8/0245	SAME	H01Q 19/17
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H01M 8/0271	(73) Tridonic Uk Ltd	H01P 1/207

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(72) LIGANDER, Per	H01R 4/36	H01R 4/30
BOLANDER, Lars	(11) EP3367507	H01R 13/26
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PERSSON, Ove	(47) 20.01.2021	H01R 41/00
(51) H01Q 1/12	(22) 23.02.2017	H05K 1/14
H01Q 3/08	(54) CLAMP FOR CONNECTING AN	(11) EP3408895
(11) EP3471204	ELECTRICAL CONDUCTOR TO AN	(21) EP17708673.3
(21) EP18166351.9	ELECTRIC BAR	(47) 20.01.2021
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(72) PARK, Chan Goo	H01R 4/62	PRODUCTION METHOD
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H01Q 1/44	(54) SYSTEM FOR PRODUCING AN	(33) Germany
H01Q 9/42	ELECTRICAL CONNECTION,	(51) H01R 12/83
H01Q 5/371	ELECTRICAL INTERCONNECTION	G06K 7/00
H01Q 5/378	AND METHOD FOR ITS PRODUCTION	G06K 13/08
H04B 1/3827	(73) Auto-Kabel Management GmbH	(11) EP3534290
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(54) SEPARATED AND OPTIMIZATION	Kaszubowski, Franz-Heinz	(73) Hosiden Corporation
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(51) H01Q 13/10	(21) EP15759537.2	FREQUENCY DRIFT AND A
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(47) 20.01.2021	UNITS	CHARBONNEAU, Mathilde

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(33) France	(11) EP3275065	APPLIANCE DURING A FAILURE OF
(51) H01T 13/08	(21) EP16705514.4	ONE OR MULTIPLE PHASES
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HOUSING	(32) 26.03.2015	ADAMOVSKEY, Frantisek
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Stockmeier, Ulrich	H02M 1/32	(51) H02J 3/14
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DEVICE FOR A WIND TURBINE	(21) EP15813899.0	A PLURALITY OF TECHNICAL
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(72) Messina, Carmelo	H03K 3/0233	(11) EP3111548
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Knuchel, Walter	H03K 5/24	(47) 20.01.2021
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H01M 8/04	H02K 1/27	H02P 25/024
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(72) YAMANAKA, Tomio	(11) EP3387740	(21) EP18704491.2
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H02J 50/40	BARNES, Andrew	VOLLMER, Rolf
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	H01F 41/02	(72) WADA, Takashi
	H02K 1/02	NISHIDA, Yoshiharu
	H02K 1/14	INADA, Shuichi
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(73) Mack-Ray, Inc.	(54) METHOD FOR PRODUCING	(54) HIGH-BARRIER POLYMER BLEND
(72) LIBERATORE, Raymond A.	DECORATED WOODEN COMPOSITE	COMPOSITION
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(31) 201562110595 P	FROM THE WOODEN COMPOSITE	(72) BARION, Guido
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(32) 01.02.2015	PANEL	(47) 14.10.2020
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(72) SCHMID, Thomas	(22) 27.04.2017	GRIP REGION, AND METHOD
SUTTER, Rolf	(54) A FASTENING METHOD FOR	FOR PRODUCING THE PLASTIC
(74) drs. O. Griebeling	COMPACTED PLASTIC BOTTLES	CONTAINER
(47) 21.10.2020	INTENDED FOR RECYCLING AND	(73) Alpha-Werke Alwin Lehner GmbH und Co.
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(73) Rayform SPRL	B29L 31/00	(72) Leifheit, Axel
(72) DE SOMER, Jean-Marie	B32B 7/10	Storcks, Andreas
(74) drs. C.M.A. Quintelier	B32B 27/08	Schnakenberg, Jan

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(74) J.M.H. Duyver lic.	Germany	RECORDED MATTER
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C08K 5/00	MASUCH, Bernd	B41N 3/03
C08L 29/14	WESCHENFELDER, Kurt	C09D 11/10
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(73) Solutia Inc.	B41J 2/045	ZARMI, Nir
(72) LU, Jun	B41J 2/14	KEREN, Abraham
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(22) 08.08.2018	Kalwa, Norbert	NON-POWERED DRIVING BY
(54) HEAT TRANSFER TYPE PRINTER AND	Klupsch, Rüdiger	USING GRAVITY AND MOMENTARY
PRINTED MATTER MANUFACTURING	(74) ir. M.F.J.M. Ketelaars c.s.	ACCELERATION BY USING POWER
METHOD	(47) 07.10.2020	UNIT
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(73) MAN Truck & Bus SE	(73) Mobideck AS	(74) ir. M.F.J.M. Ketelaars c.s.
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(54) ELECTRIC VEHICLE AND VEHICLE-MOUNTED CHARGER AND METHOD FOR CONTROLLING THE SAME	(54) FOLDING DEVICE FOR A MIRROR REPLACEMENT SYSTEM	(73) MAN Truck & Bus SE
(73) BYD Company Limited	(73) MAN Truck & Bus SE	(72) Schwerberger, Walter
(72) WANG, Xinghui	(72) Rohrmüller, Hans	Brummer, Markus
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B63B 25/24	B61L 15/00	BALLEREAU, Frédéric
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B65D 90/12	(21) EP12732606.4	(74) dr. W.A.H.M. Van Borm
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(73) Weatherford Technology Holdings, LLC	TRAVERSO, Alberto	(74) ir. A. Blokland c.s.
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F02D 41/28	TRAILING EDGE FOR WIND-TURBINE	FOR WINDPARK AND METHOD OF
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(73) EVOX THERAPEUTICS LIMITED	HAVING LOW PULMONARY TOXICITY	
(74) dr. A. Krebs	(73) BASF Aktiengesellschaft	
(72) WIKLANDER Oscar	(72) SHERMAN, John, V.	
NORDIN Joel	VÖLKEL, Ludwig	
SMITH Edvard	WALTER, Marc	
GRINNEMO, Karl-Henrik	WULFF, Christian	
SIMONSON Oscar	STÖSSER, Michael	
	BRAND, Siegbert	

EP5

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(72) LÜTTGE, Wolfgang
(74) ir. J.C. Volmer c.s.
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(73) Innovative Sonic Limited
(72) Jiang, Sam Shiaw-Shiang, c/o ASUSTeK COMPUTER INC.
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(73) Novartis Pharma AG	(93) EU/1/20/1471 01.09.2020
(74) ir. M.F.J.M. Ketelaars c.s.	
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(54) Combinaties die dipeptidylpeptidase-IV-remmers en antidiabetica omvatten.	
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(94) 1476	
(95) Sacubitril/valsartan, als sacubitril valsartan natriumzoutcomplex, dat wil zeggen [((S)-N-valeryl-N-[[2'-(1H-tetrazol-5-yl)-bifeny-4-yl]-methyl]-valine) ((2R,4S)-5-bifeny-4-yl-4-(3-carboxypropionylamino)-2-methyl-pentaaanzuurethylester)]Na3·x H2O, waarbij x 0 tot en met 3 is.	
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VB1

Rechten waarvoor een verzoek of bezwaarschrift is ingediend conform Octrooiwet 1995 en de Algemene Wet Bestuursrecht.

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G06F 19/00	C12Q 1/6809	18.03.2020
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(00) 10/18	C12Q 1/6883	(51) E03C 1/084
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(00) Restoration of rights	(00) 12/20	18.03.2020
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(00) Framas Kunststofftechnik GmbH	(11) EP2992093	(11) EP3266594
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VB2

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B01F 7/30	B30B 9/04
B01F 13/10	(00) Pre-judgement attachment
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VRV

Verval of nietigverklaring.

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(11) EP1222906	(00) Patent Expired	(00) EPV Ceased Effect
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(11) EP3594776	
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VRB**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

(11) EP2655623
(00) 01.02.2020
(00) Proceedings Interruption: Legal
prevention (Rule 142(1)(b))
(51) C12N 15/117

(11) EP3112315
(00) 14.06.2019
(00) Proceedings Interruption: Representative
died (Rule 142(1)(c))
(51) B81C 1/00
G04F 5/14

(11) EP3437497
(00) 14.06.2019
(00) Proceedings Interruption: Representative
died (Rule 142(1)(c))
(51) A24F 40/10
A24F 40/40
A24F 40/70

(11) EP3453269
(00) 14.06.2019
(00) Proceedings Interruption: Representative
died (Rule 142(1)(c))
(51) A24F 47/00

(11) EP3542653
(00) 14.06.2019
(00) Proceedings Interruption: Representative
died (Rule 142(1)(c))
(51) A61M 11/04
A61M 15/06
A24F 47/00

(11) EP3574776
(00) 14.06.2019
(00) Proceedings Interruption: Representative
died (Rule 142(1)(c))
(51) A24F 40/10
A24F 40/40

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) De Visser Holding B.V.	C07K 5/06	(71) Nicoventures Trading Limited
(73) De Visser Holding B.V.	C07K 14/00	(73) Nicoventures Trading Limited
(11) 2001426	(00) Change of owner(s) name	(11) EP3490394
(00) 08.01.2021	(71) UCL BUSINESS LTD	(00) 11.01.2021
(51) F17C 13/04	(73) UCL BUSINESS LTD	(51) A61M 11/04
F17C 13/12	(11) EP2441473	A24F 47/00
(00) Merge	(00) 11.01.2021	(00) Assignment
(71) A.C.B. Wasser	(51) A61K 49/00	(71) Nicoventures Trading Limited
V.L.L. Wasser	(00) Change of Legal Entity	(73) Nicoventures Trading Limited
(73) A.C.B. Wasser	(71) Goldschmidt Holding GmbH	(11) EP3171720
V.L.L. Wasser	(73) Goldschmidt Holding GmbH	(00) 11.01.2021
(11) 2013275	(11) EP3217159	(51) A24F 9/16
(00) 13.01.2021	(00) 11.01.2021	A24F 15/18
(51) E21D 9/12	(51) G01M 99/00	A24F 47/00
(00) Assignment	B61K 9/08	B65D 25/10
(71) Nicoventures Trading Limited	E01B 35/00	B65D 43/16
(73) Nicoventures Trading Limited	G01L 1/12	H01M 10/44
(11) EP2975951	G01L 1/22	H02J 7/00
(00) 11.01.2021	G01L 1/25	H02J 7/02
(51) A24F 47/00	G01M 5/00	(00) Assignment
(00) Assignment	G01N 27/72	(71) Chung Shan Medical University
(71) UCL BUSINESS LTD	G01N 29/07	Brainx Pharmaceutical Co., Ltd.
(73) UCL BUSINESS LTD	G01N 29/44	(73) Chung Shan Medical University
(11) EP2231199	(00) Change of owner(s) name	Brainx Pharmaceutical Co., Ltd.
(00) 11.01.2021	(71) Nicoventures Trading Limited	(11) EP3085383
(51) A61K 49/00	(73) Nicoventures Trading Limited	(00) 16.12.2020
(00) Change of Legal Entity	(11) EP2595498	(51) A61K 31/546
(71) Nicoventures Trading Limited	(00) 11.01.2021	A61K 38/18
(73) Nicoventures Trading Limited	(51) A24B 15/30	A61P 25/16
(11) EP3231301	(00) Assignment	A61P 25/28
(00) 11.01.2021	(71) Michaël Henricus Maria ten BOK	(00) Change of owner(s) name
(51) A24D 3/02	(73) Michaël Henricus Maria ten BOK	(71) B.V. Twentsche Kabelfabriek
A24D 3/04	(11) EP2593372	(73) B.V. Twentsche Kabelfabriek
(00) Assignment	(00) 08.01.2021	(11) 1043215
(71) Nicoventures Trading Limited	(51) B29C 44/58	(00) 11.01.2021
(73) Nicoventures Trading Limited	B65D 19/00	(51) G01R 33/00
(11) EP2753203	(00) Assignment	H02G 3/22
(00) 11.01.2021	(71) Nicoventures Trading Limited	G01R 33/02
(51) A24F 47/00	(73) Nicoventures Trading Limited	G01R 33/10
(00) Assignment	(11) EP3214956	(00) Assignment
(71) BILSTEIN GmbH & Co. KG	(00) 11.01.2021	(71) Nicoventures Trading Limited
(73) BILSTEIN GmbH & Co. KG	(51) A61K 31/465	(73) Nicoventures Trading Limited
(11) EP3210681	A24B 15/167	(11) EP3515217
(00) 08.01.2021	(00) Assignment	(00) 11.01.2021
(51) B21B 37/26	(71) Nicoventures Trading Limited	(51) A24F 47/00
B21B 37/50	(73) Nicoventures Trading Limited	(00) Assignment
B21B 37/54	(11) EP3491941	(71) Nicoventures Trading Limited
(00) Assignment	(00) 11.01.2021	(73) Nicoventures Trading Limited
(71) Nicoventures Trading Limited	(51) A24B 15/167	(11) EP3284500
(73) Nicoventures Trading Limited	A24F 40/42	(00) 11.01.2021
(11) EP2956020	(00) Assignment	(51) A61M 15/06
(00) 11.01.2021	(71) Nicoventures Trading Limited	A24F 47/00
(51) A24B 3/00	(73) Nicoventures Trading Limited	(00) Assignment
A24B 15/24	(11) EP3261463	(71) Nicoventures Trading Limited
(00) Assignment	(00) 11.01.2021	(73) Nicoventures Trading Limited
(71) OliPass Corporation	(51) A24C 5/56	(11) EP3354112
(73) OliPass Corporation	A24D 3/04	(00) 11.01.2021
(11) EP2268607	A24D 3/06	(51) H04W 8/00
(00) 08.01.2021	A24D 3/10	H04W 84/18
(51) C07C 237/10	A24D 3/18	H04W 4/80
	(00) Assignment	(00) Assignment

(71) Nicoventures Trading Limited	(11) EP2148661	B01J 41/00
(73) Nicoventures Trading Limited	(00) 06.01.2021	G01N 30/34
(11) EP2753202	(51) A61K 9/48	(00) Change of owner(s) name
(00) 11.01.2021	A61K 31/593	(71) Mitsubishi Power, Ltd.
(51) A24F 47/00	A61K 47/06	(73) Mitsubishi Power, Ltd.
(00) Assignment	A61K 47/14	(11) EP2044997
(71) Mirekaja AG	A61K 47/44	(00) 14.01.2021
(73) Mirekaja AG	(00) Assignment	(51) B01D 46/02
(11) 2018062	(71) LB Belgium Plastics N.V.	B01D 53/64
(00) 08.01.2021	(73) DW Reusables N.V.	B01D 53/86
(51) B23B 31/107	(11) EP1911681	B01D 53/94
B23B 51/04	(00) 15.01.2021	B01J 23/28
B28D 1/04	(51) B65D 19/00	(00) Change of owner(s) name
(00) Assignment	B65D 19/44	(73) GE Healthcare Bio-Sciences AB
(71) Glass Investments Projects, Inc.	(00) Change of owner(s) name	(11) EP1830939
(73) Glass Investments Projects, Inc.	(71) OPKO Ireland Global Holdings, Ltd.	(00) 14.01.2021
(11) EP2031957	OPKO Renal, LLC	(51) B01D 15/08
(00) 06.01.2021	(73) OPKO Ireland Global Holdings, Ltd.	G01N 30/60
(51) A01G 9/24	OPKO Renal, LLC	(00) Change of owner(s) name
(00) Assignment	(11) EP2148661	(71) Mitsubishi Power, Ltd.
(71) Nicoventures Trading Limited	(00) 06.01.2021	(73) Mitsubishi Power, Ltd.
(73) Nicoventures Trading Limited	(51) A61K 9/48	(11) EP2362524
(11) EP3457874	A61K 31/593	(00) 14.01.2021
(00) 11.01.2021	A61K 47/06	(51) H02K 1/02
(51) A24D 1/02	A61K 47/14	(00) Change of owner(s) name
A24D 1/00	A61K 47/44	(71) OPKO IP Holdings II, Inc.
(00) Assignment	(00) Assignment	Proventiv Therapeutics, LLC
(71) Nicoventures Trading Limited	(71) OPKO Ireland Global Holdings, Ltd.	(73) OPKO Ireland Global Holdings, Ltd.
(73) Nicoventures Trading Limited	Proventiv Therapeutics, LLC	OPKO Renal, LLC
(11) EP2908674	(73) OPKO Ireland Global Holdings, Ltd.	(11) EP2148661
(00) 11.01.2021	OPKO Renal, LLC	(00) 06.01.2021
(51) A24F 40/65	(11) EP2148661	(51) A61K 9/48
(00) Assignment	(00) 06.01.2021	A61K 31/593
(71) FIXED PHAGE LIMITED	(51) A61K 9/48	A61K 47/06
(73) FIXED PHAGE LIMITED	A61K 31/593	A61K 47/14
(11) EP1496919	A61K 47/06	A61K 47/44
(00) 14.01.2021	A61K 47/14	(00) Assignment
(51) A61K 35/76	A61K 47/44	(71) Mitsubishi Power, Ltd.
A61K 47/26	(00) Assignment	(73) Mitsubishi Power, Ltd.
A61K 47/48	(73) GE Healthcare Bio-Sciences AB	(11) EP2362523
A61P 31/04	(11) EP2291648	(00) 14.01.2021
(00) Assignment	(00) 14.01.2021	(51) H02K 1/02
(73) GE Healthcare Bio-Sciences AB	(51) B01D 15/20	(00) Change of owner(s) name
(11) EP1366358	G01N 30/56	(71) NEXTCHEM S.P.A.
(00) 14.01.2021	(00) Change of owner(s) name	(73) NEXTCHEM S.P.A.
(51) B01D 15/22	(73) GE Healthcare Bio-Sciences AB	(11) EP2313188
G01N 30/60	(11) EP2113076	(00) 13.01.2021
(00) Change of owner(s) name	(00) 14.01.2021	(51) B01J 8/02
(71) FORMAL SYSTEMS (EUROPE) LIMITED	(51) G01N 21/05	(00) Change of Legal Entity
(73) COCOTEC LIMITED	(00) Change of owner(s) name	(73) GE Healthcare Bio-Sciences AB
(11) EP1749264	(71) Cytochroma Cayman Islands Ltd.	(11) EP2294227
(00) 13.01.2021	Proventiv Therapeutics, LLC	(00) 14.01.2021
(51) G06F 9/44	(73) OPKO Ireland Global Holdings, Ltd.	(51) G01N 33/543
G06F 11/36	OPKO Renal, LLC	G01N 33/569
(00) Assignment	(11) EP2148661	(00) Change of owner(s) name
(71) COCOTEC LIMITED	(00) 06.01.2021	(71) Mitsubishi Power, Ltd.
(73) COCOTEC LIMITED	(51) A61K 9/48	(73) Mitsubishi Power, Ltd.
(11) EP1749264	A61K 31/593	(11) EP2050830
(00) 13.01.2021	A61K 47/06	(00) 14.01.2021
(51) G06F 9/44	A61K 47/14	(51) C22C 19/05
G06F 11/36	A61K 47/44	(00) Change of owner(s) name
(00) Assignment	(00) Assignment	(73) GE Healthcare Bio-Sciences AB
(71) OPKO Ireland Global Holdings, Ltd.	(73) GE Healthcare Bio-Sciences AB	(11) EP2646816
OPKO Health, Inc.	(11) EP2269055	(00) 14.01.2021
(73) OPKO Ireland Global Holdings, Ltd.	(00) 14.01.2021	(51) B01D 15/22
OPKO Renal, LLC	(51) B01D 15/12	G01N 30/60
	B01J 39/00	(00) Change of owner(s) name

(71) Mitsubishi Power, Ltd.	(00) Change of owner(s) name	(51) F23C 99/00
(73) Mitsubishi Power, Ltd.	(71) Mitsubishi Power, Ltd.	F23D 1/00
(11) EP2302085	(73) Mitsubishi Power, Ltd.	F23L 9/06
(00) 14.01.2021	(11) EP3073096	(00) Change of owner(s) name
(51) C22C 19/05	(00) 14.01.2021	(71) OPKO Ireland Global Holdings, Ltd.
(00) Change of owner(s) name	(51) F01D 25/30	Opko Renal, LLC
(71) Mitsubishi Power, Ltd.	F01N 3/02	(73) OPKO Ireland Global Holdings, Ltd.
(73) Mitsubishi Power, Ltd.	F02C 3/30	Opko Renal, LLC
(11) EP1975509	F02C 6/04	(11) EP2481400
(00) 14.01.2021	F02C 6/18	(00) 06.01.2021
(51) F23C 6/00	(00) Change of owner(s) name	(51) A61K 9/48
F23C 99/00	(71) Mitsubishi Power, Ltd.	A61K 31/593
F23D 1/00	(73) Mitsubishi Power, Ltd.	A61K 47/06
F23L 3/00	(11) EP2738461	A61K 47/14
F23L 9/02	(00) 14.01.2021	A61K 47/44
F23N 3/00	(51) F23D 1/00	(00) Assignment
F23N 5/00	F23D 14/78	(71) Mitsubishi Power, Ltd.
(00) Change of owner(s) name	(00) Change of owner(s) name	(73) Mitsubishi Power, Ltd.
(73) GE Healthcare Bio-Sciences AB	(71) Mitsubishi Power, Ltd.	(11) EP2479302
(11) EP2507618	(73) Mitsubishi Power, Ltd.	(00) 14.01.2021
(00) 14.01.2021	(11) EP2871329	(51) C22C 19/05
(51) G01N 33/543	(00) 14.01.2021	(00) Change of owner(s) name
G01N 21/55	(51) F01D 21/00	(71) Mitsubishi Power, Ltd.
(00) Change of owner(s) name	F01D 25/12	(73) Mitsubishi Power, Ltd.
(71) Mitsubishi Power, Ltd.	F01D 25/24	(11) EP3021046
(73) Mitsubishi Power, Ltd.	F01K 5/02	(00) 14.01.2021
(11) EP2733318	F01K 13/02	(51) F23C 6/04
(00) 14.01.2021	F02C 7/12	F23L 9/02
(51) F01K 21/04	(00) Change of owner(s) name	(00) Change of owner(s) name
(00) Change of owner(s) name	(71) Cytiva BioProcess R&D AB	(71) Sonova AG
(71) Mitsubishi Power, Ltd.	(73) Cytiva BioProcess R&D AB	(73) Sonova AG
(73) Mitsubishi Power, Ltd.	(11) EP2748181	(11) 2022005
(11) EP2612937	(00) 14.01.2021	(00) 13.01.2021
(00) 14.01.2021	(51) A61K 38/28	(51) A61F 11/08
(51) C22C 19/05	B01D 15/08	H04R 1/10
F01D 5/00	B01D 15/26	(00) Assignment
(00) Change of owner(s) name	B01D 15/36	(71) Mitsubishi Power, Ltd.
(71) Mitsubishi Power, Ltd.	B01J 20/285	(73) Mitsubishi Power, Ltd.
(73) Mitsubishi Power, Ltd.	B01J 20/286	(11) EP3453775
(11) EP2813590	B01J 20/32	(00) 14.01.2021
(00) 14.01.2021	C07K 14/62	(51) B22F 3/105
(51) C22B 9/16	(00) Change of owner(s) name	C22C 19/07
C22C 19/05	(71) LB Belgium Plastics N.V.	C22F 1/10
F01D 5/00	(73) DW Reusables N.V.	(00) Change of owner(s) name
(00) Change of owner(s) name	(11) EP2664434	(71) Mitsubishi Power, Ltd.
(71) Mitsubishi Power, Ltd.	(00) 15.01.2021	(73) Mitsubishi Power, Ltd.
(73) Mitsubishi Power, Ltd.	(51) B29C 45/00	(11) EP2677053
(11) EP2112742	B29C 45/16	(00) 14.01.2021
(00) 14.01.2021	B29C 45/26	(51) B23K 35/30
(51) H02K 1/02	B29L 31/00	C22C 19/05
(00) Change of owner(s) name	(00) Change of owner(s) name	C22C 30/00
(71) Mitsubishi Power, Ltd.	(71) ABB France	(00) Change of owner(s) name
(73) Mitsubishi Power, Ltd.	(73) ABB France	(71) Cytiva Sweden AB
(11) EP2664686	(11) EP3079029	(73) Cytiva Sweden AB
(00) 14.01.2021	(00) 13.01.2021	(11) EP2553457
(51) C22C 19/05	(51) G05B 23/02	(00) 14.01.2021
C22F 1/10	(00) Assignment	(51) G01N 33/543
F22B 37/10	(71) Mitsubishi Power, Ltd.	(00) Change of owner(s) name
(00) Change of owner(s) name	(73) Mitsubishi Power, Ltd.	(71) Cytiva Sweden AB
(71) Mitsubishi Power, Ltd.	(11) EP2179777	(73) Cytiva Sweden AB
(73) Mitsubishi Power, Ltd.	(00) 14.01.2021	(11) EP2516034
(11) EP2792858	(51) B01D 53/14	(00) 14.01.2021
(00) 14.01.2021	(00) Change of owner(s) name	(51) B01D 15/20
(51) F01D 19/02	(71) Mitsubishi Power, Ltd.	B01D 15/22
F01K 7/16	(73) Mitsubishi Power, Ltd.	G01N 30/60
F01K 13/02	(11) EP2886956	(00) Change of owner(s) name
F22B 35/00	(00) 14.01.2021	(71) Mitsubishi Power, Ltd.

(73) Mitsubishi Power, Ltd.	(00) 14.01.2021	(51) B65D 19/06
(11) EP2497561	(51) G21C 17/00	B65D 19/38
(00) 14.01.2021	H04L 12/46	(00) Change of owner(s) name
(51) B01D 53/14	(00) Change of owner(s) name	(71) DW Reusables N.V.
B01D 53/62	(71) LB Belgium Plastics N.V.	(73) DW Reusables N.V.
F01K 23/06	(73) DW Reusables N.V.	(11) EP1911681
F23J 15/00	(11) EP1595799	(00) 15.01.2021
(00) Change of owner(s) name	(00) 15.01.2021	(51) B65D 19/00
(71) Mitsubishi Power, Ltd.	(51) B65D 1/24	B65D 19/44
(73) Mitsubishi Power, Ltd.	(00) Change of owner(s) name	(00) Change of owner(s) name
(11) EP2660511	(71) Pyrus Panels GmbH	(71) DW Reusables N.V.
(00) 14.01.2021	(73) Pyrus Panels GmbH	(73) DW Reusables N.V.
(51) F01D 17/00	(11) EP1758733	(11) EP2597045
F01K 7/22	(00) 14.01.2021	(00) 15.01.2021
F01K 7/38	(51) B32B 3/28	(51) B65D 1/24
F01K 7/44	(00) Change of owner(s) name	B65D 85/30
F01K 13/02	(71) DW Reusables N.V.	(00) Change of owner(s) name
F22B 1/28	(73) DW Reusables N.V.	(71) Trivium Packaging Group Netherlands
(00) Change of owner(s) name	(11) EP2228312	B.V.
(71) Mitsubishi Power, Ltd.	(00) 15.01.2021	(73) Trivium Packaging Group Netherlands
(73) Mitsubishi Power, Ltd.	(51) B65D 19/38	B.V.
(11) EP3098401	(00) Change of owner(s) name	(11) EP2476494
(00) 14.01.2021	(71) Pyrus Panels GmbH	(00) 15.01.2021
(51) F01K 21/04	(73) Pyrus Panels GmbH	(51) B21D 22/20
(00) Change of owner(s) name	(11) EP2322344	B21D 41/04
(71) Novartis Pharma AG	(00) 14.01.2021	B21D 51/24
(73) Novartis Pharma AG	(51) B32B 3/28	B65D 1/00
(11) EP2340828	(00) Change of owner(s) name	B65D 83/38
(00) 13.01.2021	(71) Trivium Packaging Group Netherlands	(00) Change of owner(s) name
(51) A61K 31/216	B.V.	(71) Advanced New Technologies Co., Ltd.
A61K 31/41	(73) Trivium Packaging Group Netherlands	(73) Advanced New Technologies Co., Ltd.
A61P 3/10	B.V.	(11) EP3262552
A61P 9/00	(11) EP2347838	(00) 07.12.2020
A61P 9/10	(00) 15.01.2021	(51) H04L 29/06
A61P 9/12	(51) B21D 22/02	G06F 21/31
A61P 25/06	B21D 39/20	(00) Assignment
A61P 25/28	B21D 51/26	(73) GE Healthcare Bio-Sciences AB
A61P 43/00	B44D 3/12	(11) EP2235521
(00) Assignment	(00) Change of owner(s) name	(00) 14.01.2021
(71) LB Belgium Plastics N.V.	(71) DW Reusables N.V.	(51) B01D 15/22
(73) DW Reusables N.V.	(73) DW Reusables N.V.	G01N 30/60
(11) EP2228312	(11) EP2664434	(00) Change of owner(s) name
(00) 15.01.2021	(00) 15.01.2021	(71) Cytiva Sweden AB
(51) B65D 19/38	(51) B29C 45/00	(73) Cytiva Sweden AB
(00) Change of owner(s) name	B29C 45/16	(11) EP2235520
(71) Zerigo Health, Inc.	B29C 45/26	(00) 14.01.2021
(73) Zerigo Health, Inc.	B29L 31/00	(51) B01D 15/20
(11) EP3280342	(00) Change of owner(s) name	G01N 30/56
(00) 14.01.2021	(71) Cytiva Sweden AB	(00) Change of owner(s) name
(51) A61B 18/22	(73) Cytiva Sweden AB	(73) GE Healthcare Bio-Sciences AB
A61N 5/06	(11) EP2445616	(11) EP1938094
H01L 33/06	(00) 14.01.2021	(00) 14.01.2021
(00) Change of owner(s) name	(51) B01D 37/04	(51) B01D 15/20
(71) Aladdin Manufacturing Corporation	B01D 61/20	G01N 30/56
(73) Aladdin Manufacturing Corporation	B01D 63/08	(00) Change of owner(s) name
(11) EP3221119	B01D 65/10	(71) LB Belgium Plastics N.V.
(00) 14.01.2021	(00) Change of owner(s) name	(73) DW Reusables N.V.
(51) B29B 13/06	(71) DW Reusables N.V.	(11) EP2597045
B29B 17/00	(73) DW Reusables N.V.	(00) 15.01.2021
B29C 48/00	(11) EP1595799	(51) B65D 1/24
B29C 48/42	(00) 15.01.2021	B65D 85/30
B29C 48/60	(51) B65D 1/24	(00) Change of owner(s) name
B29C 48/76	(00) Change of owner(s) name	(73) GE Healthcare Bio-Sciences AB
(00) Assignment	(71) LB Belgium Plastics N.V.	(11) EP2773956
(71) Mitsubishi Power, Ltd.	(73) DW Reusables N.V.	(00) 14.01.2021
(73) Mitsubishi Power, Ltd.	(11) EP2979987	(51) D21H 21/00
(11) EP3226486	(00) 15.01.2021	G01N 1/28

G01N 33/50	(11) EP3015381	A61K 36/15
(00) Change of owner(s) name	(00) 15.01.2021	A61P 13/08
(71) DW Reusables N.V.	(51) B65D 1/24	A61P 35/00
(73) DW Reusables N.V.	B65D 85/30	(00) Assignment
(11) EP2979987	(00) Change of owner(s) name	
(00) 15.01.2021	(71) CTI Vascular AG	
(51) B65D 19/06	(73) CTI Vascular AG	
B65D 19/38	(11) EP3113835	
(00) Change of owner(s) name	(00) 14.01.2021	
(73) GE Healthcare Bio-Sciences AB	(51) A61N 1/04	
(11) EP2440913	A61N 1/36	
(00) 14.01.2021	A61N 1/362	
(51) B01D 15/10	A61N 1/365	
B01D 15/14	(00) Assignment	
F16K 27/00	(71) Cytiva Sweden AB	
G01N 30/24	(73) Cytiva Sweden AB	
G01N 30/82	(11) EP2137525	
G01N 30/88	(00) 14.01.2021	
G01N 33/00	(51) G01N 30/56	
G01N 35/10	(00) Change of owner(s) name	
G06F 1/20	(71) Cytiva Sweden AB	
H05K 7/20	(73) Cytiva Sweden AB	
(00) Change of owner(s) name	(11) EP2978839	
(71) DW Reusables N.V.	(00) 14.01.2021	
(73) DW Reusables N.V.	(51) C12N 5/0735	
(11) EP3015381	C12N 5/074	
(00) 15.01.2021	(00) Change of owner(s) name	
(51) B65D 1/24	(71) Deeptech NV	
B65D 85/30	(73) Deeptech NV	
(00) Change of owner(s) name	(11) EP3077600	
(71) Cytiva Sweden AB	(00) 15.01.2021	
(73) Cytiva Sweden AB	(51) E02F 3/88	
(11) EP2678416	E02F 3/90	
(00) 14.01.2021	E02F 7/00	
(51) B01F 15/00	E02F 9/00	
C12M 3/00	E21C 50/00	
(00) Change of owner(s) name	(00) Assignment	
(73) GE Healthcare Bio-Sciences AB	(71) Cytiva Sweden AB	
(11) EP1631824	(73) Cytiva Sweden AB	
(00) 14.01.2021	(11) EP2108086	
(51) G01N 33/543	(00) 14.01.2021	
G01N 33/557	(51) F16K 7/06	
C12Q 1/68	F16K 31/122	
(00) Change of owner(s) name	(00) Change of owner(s) name	
(71) Cytiva Sweden AB	(71) Olympus America Inc.	
(73) Cytiva Sweden AB	(73) Olympus America Inc.	
(11) EP3052226	(11) EP3203268	
(00) 14.01.2021	(00) 14.01.2021	
(51) B01F 15/04	(51) G01N 23/223	
G01N 1/38	G01T 1/40	
G01N 21/33	(00) Merge	
G01N 27/06	(71) VIRBAC H.K. TRADING LIMITED	
G01N 30/34	(73) VIRBAC H.K. TRADING LIMITED	
G05D 11/13	(11) EP2657333	
G05D 21/02	(00) 29.12.2020	
G01N 21/3577	(51) A61K 39/12	
B01J 47/15	C07K 14/005	
(00) Change of owner(s) name	C07K 16/08	
(71) Zerigo Health, Inc.	C12N 7/00	
(73) Zerigo Health, Inc.	G01N 33/53	
(11) EP3102289	G01N 33/569	
(00) 14.01.2021	(00) Merge	
(51) A61B 5/00	(71) Montinutra Oy	
A61N 5/06	(73) Montinutra Oy	
(00) Change of owner(s) name	(11) EP2916850	
(71) LB Belgium Plastics N.V.	(00) 29.12.2020	
(73) DW Reusables N.V.	(51) A61K 31/736	

TVH

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