



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.

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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.

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	16 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	16
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Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	24 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	24
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	211Heading MED Contains data concerning other communications.	211
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Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	257Heading UP1 Contains data concerning European patents with registered Unitary Effect.	257
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Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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(51) A01D 46/247 A01G 3/02	(51) A23J 3/04 A23J 3/34 A23D 9/02	A23N 15/06 (21) 2028539 (22) 25.06.2021
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(54) Hand-held harvesting tool.	(54) Proteinaceous powder derived from insect larvae or worms	(71) Rijk Zwaan Zaadteelt en Zaadhandel B.V.
(71) Innocrop Consulting H. Hermans Tom Johannes Gerardus Houben	(71) Ynsect NL R & D B.V.	(74) dr. ir. G.J.C. Verdijck c.s.
(74) ir. A. Blokland c.s.	(74) ir. J.C. Volmer c.s.	(72) Marte Jenneke Colijn Jan Ruigrok
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(21) 2031391 (22) 23.03.2022	(51) A23K 10/33 A23K 10/18 A23K 10/32 A23K 50/30 A23K 10/12 A23K 10/30	(54) Hulpmiddel voor het vastzetten van een smartphonehouder op een ledemaat, alsmede werkwijze voor het bekijken van een film op een smartphone met het hulpmiddel
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(71) Agricultural Research Institute, Academy of Agriculture and Animal Husbandry, Tibet Autonomous Region	(54) FERMENTED FEED WITH CORN STALKS FOR PIGS AND PREPARATION METHOD THEREOF	(72) Christopher Ian Scholman (41) 29.12.2022
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(72) Bo Pang Yuan Zhao Ruiming Lin Zhen An Luo Za Yang Li Yangla Ciren Dong He Xiaobo Yao Hechun Liu Leiping Lei	(74) dr. T. Wittop Koning PhD (72) Di Liu Ming Tian Xiaolong Yu Wentao Wang Jiqiao Xia Guiwei Li Xinmiao He Liang Wang Saihui Wu Zhongqiu Li Haifeng Zhang Ziguang Liu Haijuan He Meiyu Qi Yanzhong Feng Heshu Chen	(21) 2028440 (22) 11.06.2021 (54) HOUSING UNIT (71) Armand Fissette (74) ir. M. van der Velden (72) Armand Fissette (41) 29.12.2022
(31) 202110724995.6 (32) 29.06.2021 (33) China	(41) 30.12.2022	(51) A61B 5/00 A61B 5/103 G06V 40/16 A61B 5/107
(51) A01K 67/02 (21) 2030390 (22) 01.01.2022	(51) A23K 40/35 A23K 20/20	(21) 2028519 (22) 23.06.2021
(54) Breeding Method of Four - line Synthetic Line of White Meat Rabbit	(21) 2028496 (22) 21.06.2021	(54) A method of demonstrating an effect of a cosmetic procedure on a subject as well as a corresponding analysing apparatus.
(71) Shandong Agricultural University Shandong Xinhexin Technology Co., LTD	(54) Micro encapsulated additive provided with an edible external coating.	(71) Symae technologies Holding B.V. (74) ir. A. Blokland c.s.
(74) dr. T. Wittop Koning PhD	(71) Kaer Holding B.V.	(72) Walter David Arkesteijn Siedse Buijs
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- (21) 2032259
(22) 23.06.2022
(54) PREPARATION METHOD OF BONE-SETTING ANTI-BRUISE POWDER
(71) Fengtang Zhu
(74) dr. T. Wittop Koning PhD
(72) Fang Wang
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(41) 30.12.2022
(31) 202210254014.0
(32) 15.03.2022
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- (51) A61K 36/64
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(21) 2032301
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(54) PREPARATION METHOD OF BLOOD-ACTIVATING STASIS-REMOVING PILLS
(71) Fengtang Zhu
(74) dr. T. Wittop Koning PhD
(72) Fang Wang
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(41) 30.12.2022
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(33) China
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C07K 14/00
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(22) 02.01.2022
(54) RECOMBINANT PROTEIN CAPABLE OF RESISTING MULTIPLE SCLEROSIS AND PREPARATION METHOD AND APPLICATION THEREOF
(71) Institute of Zoology, Guangdong Academy of Sciences
(74) dr. T. Wittop Koning PhD
(72) Dainan Cao
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Zhen Peng
(41) 30.12.2022
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- (51) A61K 49/18
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(22) 25.06.2021
(54) A CONTRAST AGENT FOR MRI IMAGING DIAGNOSTICS
(71) Catharina Philippina Janssen
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Catharina Philippina Janssen
- Jelle Onno Barentsz
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(41) 02.01.2023
(51) A61P 35/00
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(54) THE APPLICATION OF PHOSPHORYLATION OF C20ORF112 PROTEIN AT SER295 IN DETECTING CANCER CELL PROLIFERATION
(71) JINAN UNIVERSITY
(74) drs. C.M.A. Quintelier
(72) Qingyu He
Yang Wang
Jing Zhang
Zijia Huang
Guibin Gao
(31) 202110727473.1
(32) 29.06.2021
(33) China
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- (51) A63B 3/00
(21) 2028557
(22) 28.06.2021
(54) Therapeutische loopbrug
(71) Gerardus Godefridus Antonius Dirven
(74) ir. A. Blokland c.s.
(72) Gerardus Godefridus Antonius Dirven
(41) 02.01.2023
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- (51) A63B 59/70
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A63B 102/22
(21) 2028544
(22) 25.06.2021
(54) A combination of a sport instrument and a series of caps for such a sport instrument, and a method for balancing a sport instrument
(71) Handelsonderneming Kubus B.V.
(74) mr. ir. J. van Breda c.s.
(72) Joep Paumen
(41) 02.01.2023
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- (51) A63B 69/00
(21) 2028518
(22) 23.06.2021
(54) A humanoid mannequin for self-defense sports, a use of said mannequin and a method of producing it
(71) Djannis Karidas
(74) mr. ir. J. van Breda c.s.
(72) Djannis Karidas
(41) 02.01.2023
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- (51) A63B 69/00
(21) 2033585
(22) 22.11.2022
(54) A FOOTBALL BALL REVERSAL TRAINER
(71) Huaiyin Normal University
(74) ir. M.B. Plaggenborg
(72) Jianguo Xu
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- (51) A63F 9/12
(21) 1044077
(22) 25.06.2021
- (54) Een kubusspelbasis voor meerdere spelers en verschillende spellen
(71) Jacques Jeronimus Wendel Henry Crasborn
(72) Jacques Jeronimus Wendel Henry Crasborn
(41) 02.01.2023
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- (51) B01J 20/02
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(21) 2028530
(22) 24.06.2021
(54) PREPARATION METHOD OF LA(OH)₃ NANOROD/WALNUT SHELL BIOCHAR COMPOSITE MATERIAL
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Keqiang Zhang
(41) 02.01.2023
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- (51) B01L 3/00
B01J 19/08
(21) 2032293
(22) 27.06.2022
(54) PREPARATION METHOD OF SURFACE CAPABLE OF NON-DESTRUCTIVELY TRANSFERRING DROPLETS AND NON-DESTRUCTIVELY TRANSFERRING BEHAVIOR
(71) BEIJING INSTITUTE OF TECHNOLOGY
(74) ir. M.B. Plaggenborg
(72) Shaohua Chen
Yin Yao
Zhilong Peng
Ming Liu
Bo Zhang
(41) 02.01.2023
(31) 202110718529.7
(32) 28.06.2021
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(21) 2028719
(22) 13.07.2021
(54) HEAVY METAL POLLUTED SOIL REPAIRING MATERIAL, PREPARATION METHOD AND SOIL REPAIRING METHOD
(71) Anhui University of Science and Technology
Institute of Environment-friendly Materials and Occupational Health, Anhui University of Science and Technology (Wuhu)
(74) drs. P.A. van Essen c.s.
(72) Yazhen Xing
Jianming Zhu
Min Chen
Jianjun Shi
Xiaoyang Chen
Di Zhang
(41) 03.01.2023
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(21) 2031077
(22) 24.02.2022

(54) PROCESSING METHOD FOR IMPROVING MACHINABILITY OF TITANIUM ALLOYS WITH HIGH-STRENGTH	C08L 9/06 C08K 3/06 C08K 5/14 C08L 83/04 C08K 3/04 C08K 13/04 C08L 7/00 C08L 9/00 C08K 3/22 C08K 5/09 C08L 23/28 B60C 27/08 B60C 27/20	(72) Roëll Marie van Druten (41) 02.01.2023
(71) Guizhou University (74) ir. M.B. Plaggenborg (72) Mingpan Wan Yuanbiao Tan Wei Shi Fei Zhao Chaowen Huang Jiang Yang Wei Li Xianli Ren	(21) 2031740 (22) 29.04.2022	(51) B63H 11/08 (21) 2028516 (22) 22.06.2021 (54) HYDRAULIC MODEL STRUCTURE FOR HIGH SPECIFIC SPEED PROPULSIVE WATER-JET PUMP (71) DALIAN UNIVERSITY OF TECHNOLOGY (74) drs. W.H.P. Derks (72) Yeming Lu Xiaofang Wang Fangming Zhou Ye Zhang Qian Yu Wei Zhao Xiaocui Wu Zhonghe Li
(31) 202110737396.8 (32) 30.06.2021 (33) China	(54) METHOD FOR PREPARING SHEET RUBBER ANTI-SKID BELT FOR A TIRE (71) XUZHOU COLLEGE OF INDUSTRIAL TECHNOLOGY	(41) 29.12.2022
(51) B29B 17/02 (21) 2028502 (22) 21.06.2021 (54) A mobile installation for processing waste plastic materials. (71) GPBO IP B.V. (74) ir. A. Blokland c.s. (72) Martijn Charles Alexander Kampshoff Dianne Gerland van Essen Tijmen van Noord	(72) Yating Xu Houluo Cong Zaixue Wang Yanan Zang Peipei Li Feng Liu Xiaoping Zhang Yunhui Xu Peng Sun Guowen Weng	(41) 29.12.2022 (51) B65D 5/20 B65D 5/56 B65D 81/38 B65D 5/32 (21) 1044071 (22) 23.06.2021 (54) Isolerende verpakking van gerecycled karton (71) Anderling B.V. (72) Hendrik Christiaan Adolf Hoekstra (41) 02.01.2023
(41) 29.12.2022	(41) 02.01.2023 (31) 2021107083151 (32) 25.06.2021 (33) China	(51) B65D 90/04 B65D 88/12 (21) 2030321 (22) 28.12.2021 (54) Inner covering for containers (71) C&S PACKAGING SUPPLIER, S.L (74) dr. A. Ellens c.s. (72) José Maria Moré Genesca (31) ES202131363 (32) 30.06.2021 (33) Spain
(51) B30B 1/34 B30B 11/02 B30B 1/38 (21) 2028552 (22) 25.06.2021 (54) Component Processing Apparatus and Method Allowing to Selectively Apply Force to a Component Processed (71) Boschman Technologies BV (74) dr. R.C. van Duijvenbode c.s. (72) Jan de Beijer Dion Hendrikus Lambertus van Lent	(51) B62D 25/14 B62D 21/15 B62D 33/06 B60R 19/34 (21) 2028495 (22) 21.06.2021 (54) A cab-over engine truck. (71) DAF Trucks N.V. (74) ir. H.A. Witmans c.s. (72) Gerardus Lambertus Hendrikus Pierik Josephus Cornelis Maria Schellekens Martijn Johan Niesten	(51) B65D 90/04 B65D 88/12 (21) 2030321 (22) 28.12.2021 (54) Inner covering for containers (71) C&S PACKAGING SUPPLIER, S.L (74) dr. A. Ellens c.s. (72) José Maria Moré Genesca (31) ES202131363 (32) 30.06.2021 (33) Spain
(41) 02.01.2023	(41) 29.12.2022	(51) C02F 3/08 C02F 3/30 (21) 2028515 (22) 22.06.2021 (54) A METHOD TO TREAT LIQUID MANURE (71) IM-ACES B.V. (74) ir. P.J.P. Janssen (72) Ronald Adrianus Johannes Luijkx
(51) B32B 17/10 B32B 27/08 B32B 27/30 B32B 27/36 (21) 2028493 (22) 21.06.2021 (54) Method for pre-forming a curved thermoplastic laminate and pre-formed thermoplastic laminate (71) Autoglas D & K B.V. (74) ir. H.Th. van den Heuvel c.s. (72) Bartholomeus Leonardus Marinus Borcherd Driehuis	(51) B62M 6/55 (21) 2028537 (22) 24.06.2021 (54) Mid-drive module for a pedal-powered vehicle (71) Roetz-Bikes B.V. (74) ir. A.R. Aalbers (72) Tiemen ter Hoeven Bobby Adriaansens Olaf Wit	(51) C02F 9/14 (21) 2031719 (22) 27.04.2022 (54) HIGH-STABILITY WATER PURIFICATION SYSTEM FOR POLLUTED WATERCOURSE AND PURIFICATION METHOD THEREFOR (71) HANGZHOU ENJOY ENVIRONMENTAL PROTECTION TECHNOLOGY CO.LTD (74) ir. M.B. Plaggenborg (72) Wugang Tong Tuoshan Ju Weiwu Ye
(41) 29.12.2022	(41) 02.01.2023	(31) 202110723823.7 (32) 29.06.2021 (33) China
(51) B41N 3/00 (21) 2028548 (22) 25.06.2021 (54) Werkwijze voor het reinigen van een drukplaat, en een reinigingsinrichting (71) Polymount International B.V. (74) ir. W.J.J.M. Kempes (72) Johannes Antonius van de Belt	(51) B62M 25/04 B62M 11/16 B62M 9/10 (21) 2028558 (22) 28.06.2021 (54) System and method for changing a bicycle transmission ratio of a bicycle transmission (71) Classified Cycling BV (74) ir. H.A. Witmans c.s.	
(41) 02.01.2023		
(51) B60C 27/06 B60C 27/16 C08K 3/34		

- (51) C05F 17/993
C05F 17/95
C05F 17/979
C05F 17/964
C05F 17/986
C05F 17/60
(21) 2032276
(22) 24.06.2022
(54) Composting Device for Recycling
Agricultural Straw
(71) Agro-Environmental Protection Institute,
Ministry of Agriculture and Rural Affairs
Institute of Agricultural Resources and
Regional Planning, Chinese Academy of
Agricultural Sciences
(74) dr. T. Wittop Koning PhD
(72) Yajing Wang
Jianning Zhao
Cheng Yan
Dan Wei
Limei Zhai
Zheng Wei
Hongyuan Wang
Tao Luo
Ronghua Li
Yeqing Li
Guilong Zhang
Qiuliang Lei
Xinzhong Du
Shuxia Wu
Jianhong Sun
Junting Pan
Jie Li
Hongbin Liu
Yadong Yang
(31) 202111444628.7
(32) 30.11.2021
(33) China

- (51) C07H 5/10
C07H 13/12
C07H 1/00
C07H 15/04
(21) 2028505
(22) 21.06.2021
(54) Sugar thiol compounds and methods of
producing the same
(71) PharmaCytics B.V.
(74) ir. A. Blokland c.s.
(72) Bouchra Hajjaj
Gerrit Herman Veeneman
(41) 29.12.2022

- (51) C07H 13/12
C07H 15/04
C07H 15/26
(21) 2028506
(22) 21.06.2021
(54) Prodrugs with 1-(disulfanyl)alkoxy-
carbonyl units
(71) PharmaCytics B.V.
(74) ir. A. Blokland c.s.
(72) Bouchra Hajjaj
Gerrit Herman Veeneman
Somhairle Maccormick
(41) 29.12.2022

- (51) C08J 11/24
C08J 11/28
(21) 2028499
(22) 21.06.2021
- (54) METHOD AND REACTOR SYSTEM
FOR DEPOLYMERIZING A
TEREPHTHALATE-POLYMER INTO
REUSABLE RAW MATERIAL
(71) Ioniga Technologies B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Egor Vasilyevich Fufachev
Alexander Thomas Wolters
Joost Robert Wolters
André Banier de Haan
(41) 29.12.2022

- (51) C08J 11/24
C08J 11/28
(21) 2028500
(22) 21.06.2021
(54) METHOD AND REACTOR SYSTEM
FOR DEPOLYMERIZING A
TEREPHTHALATE-POLYMER INTO
REUSABLE RAW MATERIAL
(71) Ioniga Technologies B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Egor Vasilyevich Fufachev
Alexander Thomas Wolters
Joost Robert Wolters
André Banier de Haan
(41) 29.12.2022

- (51) C09C 1/50
F27D 17/00
(21) 2032269
(22) 24.06.2022
(54) METHOD AND APPARATUS FOR
RECOVERY AND REUSE OF TAIL GAS
AND FLUE GAS COMPONENTS
(71) Cabot Corporation
(74) ir. H.A. Witmans c.s.
(72) Daxiang Wang
Wei-Ming Chi
David S. Crocker
Martin C. Green
David M. Matheu
Rob Davies
(31) 63/240,062
63/214,497
(32) 02.09.2021
24.06.2021
(33) United States of America
United States of America

- (51) C09D 5/02
C09D 193/00
C09D 7/61
(21) 2031860
(22) 13.05.2022
(54) Method for Adjusting Curing Speed of
Raw Lacquer
(71) Minjiang University
(74) dr. T. Wittop Koning PhD
(72) Qi Lin
Guocai Zheng
Yanlian Xu
Binbin Zheng
(41) 30.12.2022
(31) 202110828436.X
(32) 22.07.2021
(33) China

- (51) C09K 8/52
F17D 1/16
(21) 2032283
(22) 27.06.2022
- (54) HYDRATE INHIBITOR AND
APPLICATION THEREOF
(71) China University of Petroleum (East
China)
(74) ir. M.B. Plaggenborg
(72) Xin Zhao
Qingchao Fang
Zhengsong Qiu
Qi Geng
Zhiyuan Wang
Hao Sun
Zhen Zhang
Yanlong Liu
(31) 202110733327.X
(32) 30.06.2021
(33) China

- (51) C12N 1/14
A01N 63/36
(21) 2029438
(22) 15.10.2021
(54) STRAIN OF CAMELLIA SINENSIS
ENDOPHYTE PENICILLIUM EHRlichii
AND ITS APPLICATION
(71) ANHUI AGRICULTURAL UNIVERSITY
(74) ir. M.B. Plaggenborg
(72) Hao Jiang
Mengting Zhang
Jiaxun Li
Wenjie Wang
Wenjing Chen
Chenkang Ma
(41) 30.12.2022
(31) 202110687884.2
(32) 21.06.2021
(33) China

- (51) C12N 5/04
(21) 2030393
(22) 02.01.2022
(54) METHOD FOR EXTRACTING PEAR
LEAF PROTOPLAST
(71) Hebei Agricultural University
(74) dr. T. Wittop Koning PhD
(72) Jianfeng Xu
Chengyu Gao
Hui Ma
Haixia Zhang
Yingli Li
Xinle Yu
Jianhong Zhang
Yuxing Zhang
(31) 202110725839.1
(32) 29.06.2021
(33) China

- (51) C12Q 1/6844
(21) 2031407
(22) 25.03.2022
(54) Primer Set, Probe, Kit and Application for
Detecting African Swine Fever Virus
(71) Institute of Animal Health, Guangdong
Academy of Agricultural Sciences
Maoming Branch, Guangdong Laboratory
for Lingnan Modern Agriculture
(74) dr. T. Wittop Koning PhD
(72) Hongchao Gou
Haiyan Shen
Jianfeng Zhang
Chunhong Zhang
Zhicheng Liu

Junying Sun	(54) Method for composite surface	(22) 10.01.2022
Ming Liao	strengthening treatment of gears	(54) New type of double-gear push-type
(41) 30.12.2022	(71) Hebei University of Technology	water-saving faucet
(51) C12Q 1/686	Guangxi University	(71) Hebei University of Engineering
C12Q 1/6888	Ningbo Jili Luoyou Engine Parts Co., Ltd.	Hohai University
(21) 2032194	Wuxi Xingqu Technology Co., Ltd.	Bureau of Fu-Zhang River Irrigation and
(22) 16.06.2022	(74) dr. T. Wittop Koning PhD	Water Supply Management
(54) RPA-LFD Rapid Detecting Method	(72) Hui You	(74) dr. T. Wittop Koning PhD
of <i>Globodera rostochiensis</i> and its	Yimin Wu	(72) Hongchun Wang
Application	Yong Chen	Jing Ma
(71) Institute of Plant Protection (IPP),	Guangxin Li	Hongkai Bi
Chinese Academy of Agricultural	Libin Zang	Lixin He
Sciences (CAAS)	Jie Chen	Qinghua Luan
Chinese Academy of Inspection and	Xiaozhe Lin	Haisheng Zhang
Quarantine	YanJun Tan	Jia Wu
(74) dr. T. Wittop Koning PhD	(41) 30.12.2022	Hongyuan Shi
(72) Deliang Peng	(51) D21C 3/00	Xiaoxiang Zhou
Jianjun Ge	D21C 9/10	(41) 03.01.2023
Xu Wang	D21H 17/63	(51) F17C 3/02
Huan Peng	D21H 17/00	(21) 2028513
Rong Lei	(21) 2033570	(22) 22.06.2021
(41) 30.12.2022	(22) 18.11.2022	(54) CRYOGENIC HYDROGEN STORAGE
(31) 202210145503.2	(54) A Bio-enzymatic Process Method for	SYSTEM, ENERGY STORAGE
(32) 17.02.2022	Preparing Paper Pulp	SYSTEM, AND METHOD FOR
(33) China	(71) Hong Kong Morning Star International	STORING AND DELIVERING
(51) C12Q 1/6879	Holding Limited	HYDROGEN
(21) 2030094	(74) dr. A.V. Huygens	(71) HEBS B.V.
(22) 10.12.2021	(72) Tzung-Shen Lai	(74) dr. ir. G.J.C. Verdijck c.s.
(54) SNP MOLECULAR MARKER	Shu-Quan Li	(72) Marcel Nicolaas Keezer
APPLICABLE TO GENDER	(51) E01F 5/00	(41) 29.12.2022
IDENTIFICATION OF SILVER	(21) 2028508	(51) F23G 5/50
AROWANA AND APPLICATION	(22) 22.06.2021	F23J 99/00
THEREOF	(54) Inrichting voor het inbedden van een	(21) 2030898
(71) Pearl River Fisheries Research Institute,	drainage-uitloop in een walkant	(22) 11.02.2022
Chinese Academy of Fishery Sciences	(71) Brugt Sijbren Bergsma	(54) Cold simulation method and device for
(74) dr. T. Wittop Koning PhD	(74) ir. B.J. 't Jong	coking process of heating surface of
(72) Xidong Mu	(72) Brugt Sijbren Bergsma	incinerator
Yi Liu	Krijn Franciscus Marie Zuyderhoudt	(71) Tianjin University of Commerce
Yexin Yang	Erwin de Graaf	Tianjin University
Chao Liu	Mark Tamboer	(74) dr. T. Wittop Koning PhD
Xuejie Wang	Hendrik Heringa	(72) Guanyi Chen
Meng Xu	(41) 29.12.2022	Junyu Tao
Miao Fang	(51) E04H 17/26	Zaixin Li
(41) 30.12.2022	(21) 2028550	Ziyun Song
(51) C12R 1/07	(22) 25.06.2021	Beibei Yan
C12N 15/01	(54) Werkwijze voor het volgens een patroon	Yunan Sun
(21) 2030432	in een ondergrond plaatsen van in de	Zhanjun Cheng
(22) 05.01.2022	ondergrond te plaatsen elementen	Jian Li
(54) Optimized Initiation Method for Organic	(71) L. BOUWMAN HOLDING B.V.	Lan Mu
Fertilizer Strain Mutagenesis at Low	(74) ir. W.J.J.M. Kempes	(41) 03.01.2023
Temperature and Inoculant Compounding	(72) Lucas Bouwman	(31) 202210078729.5
Technology	Antonius Theodores Johannes van	(32) 24.01.2022
(71) Institute of Biology, Gansu Academy of	Scheppingen	(33) China
Sciences	Maarten Bruin	(51) F23K 5/10
(74) dr. T. Wittop Koning PhD	(41) 02.01.2023	F23K 5/20
(72) Shuyang Wang	(51) E05D 7/10	(21) 2028540
Jinhao Du	(21) 2028560	(22) 25.06.2021
Yinan Peng	(22) 28.06.2021	(54) Hybrid domestic fireplace
Zhiye Wang	(54) Scharnier en werkwijze voor het	(71) Kal-Fire Beheer B.V.
Bin Ji	koppelen van een scharnier	(74) ir. J.C. Volmer c.s.
Ze Ye	(71) Johan Willem Brak	(72) Adriaan Cornelis Christiaan Hund
Hongshan Qi	(74) ir. B.J. 't Jong	(51) F23K 5/10
Peng Xi	(72) Johan Willem Brak	F23K 5/20
(41) 03.01.2023	(41) 02.01.2023	(21) 2028541
(51) C23C 22/18	(51) F16K 11/14	(22) 25.06.2021
C23C 22/73	F16K 21/04	(54) Burner assembly for a domestic fireplace
(21) 2031502	(21) 2030485	(71) Kal-Fire Beheer B.V.
(22) 05.04.2022		(74) ir. J.C. Volmer c.s.

(72) Adriaan Cornelis Christiaan Hund	Guomin Liu	G01N 21/01
(41) 02.01.2023	Xin Jiang	(21) 2028538
(51) F24S 20/20	Zhongsong Zhang	(22) 24.06.2021
F24S 23/71	Chunyan Chi	(54) A system for identifying a biological
F24S 23/79	(31) 202110708605.6	sample and a method for identifying a
(21) 2028577	(32) 25.06.2021	biological sample
(22) 29.06.2021	(33) China	(71) Clearstream Technologies Limited
(54) A secondary optic module and a solar	(51) G01M 5/00	(74) dr. ir. F.M. van Bouwelen
radiation concentrating system	G01L 1/16	(72) Luke Bernard Anthony Myles
(71) OBM IP Holding B.V.	(21) 2028553	Christopher Norris
(74) ir. H.A. Witmans c.s.	(22) 27.06.2021	Prathamesh Sharad Dhanpalwar
(72) Oliver Bernardus Menken	(54) Piezoelectric Sensing Crack Detection	(41) 30.12.2022
(41) 03.01.2023	System and Method for Hydropower	(51) G01N 33/50
(51) F24S 20/70	Dams	C12N 9/12
H02S 20/32	(71) Beihua University	C12N 9/10
H02S 30/10	(74) S. Eeckhaoudt PhD	A01G 22/20
(21) 2028526	(72) Xujiao Yang	A01H 5/10
(22) 24.06.2021	Guangli Chang	A01H 6/46
(54) Werkwijze voor het aanleggen van een	Zihe Li	(21) 2028529
zonnepark.	(41) 02.01.2023	(22) 24.06.2021
(71) Floating Solar B.V.	(51) G01N 3/04	(54) METHOD FOR SCREENING HIGH-
(74) ir. A. Blokland c.s.	G01N 3/06	YIELD WAXY WHEAT
(72) Bastiaan Fransiscus van Roosendaal	G01N 3/24	(71) CROP RESEARCH INSTITUTE,
Ralph Jonathan van Dijk	G01N 3/28	SHANDONG ACADEMY OF
(41) 02.01.2023	G01M 11/08	AGRICULTURAL SCIENCES
(51) F24T 10/30	G01N 3/10	(74) ir. W.J.J.M. Kempes
F28D 20/00	G01L 1/24	(72) Yan Zi
(21) 2028525	E21D 21/02	Jianmin Song
(22) 24.06.2021	(21) 2030040	Haosheng Li
(54) System for storage of thermal energy	(22) 06.12.2021	Jianjun Liu
(71) HoCoSto Holding B.V.	(54) DEVICE AND METHOD FOR	Aifeng Liu
(74) ir. A. Blokland c.s.	TESTING OVERALL ANCHORAGE	Canguo Wang
(72) Renatus Bernardinus Maria Geerts	PERFORMANCE OF BASALT FIBER	Jun Guo
(51) F42B 8/20	REINFORCED PLASTIC (BFRP)	Wei Ju
F42B 30/12	ANCHOR CABLE	Xinyou Cao
(21) 2028532	(71) Wuhan Center, China Geological Survey	Dungong Cheng
(22) 24.06.2021	(Central South China Innovation Center	Cheng Liu
(54) A mortar projectile	for Geosciences)	Ran Han
(71) Van Halteren Metaal B.V.	(74) dr. T. Wittop Koning PhD	Shengnan Zhai
(74) mr. ir. J. van Breda c.s.	(72) Ye Runqing	Xiaolu Wang
(72) Eduard Noorlander	Dai Zhenwei	Faji Li
Gilian Alexander van Ree	Zhang Yanjun	Zhendong Zhao
(41) 02.01.2023	Fu Xiaolin	(41) 02.01.2023
(51) G01B 11/06	Guo Jinjun	(51) G01N 33/533
(21) 2028497	Du Zhigang	(21) 2030303
(22) 21.06.2021	(31) 202110666853.9	(22) 27.12.2021
(54) Method and apparatus for	(32) 16.06.2021	(54) Labeling Method for Improving Signal
micromachining a sample using a	(33) China	Intensity of Time-Resolved Fluorescence
Focused Ion Beam	(51) G01N 3/56	and Application Thereof
(71) DELMIC IP B.V.	G01N 33/38	(71) ZHEJIANG GONGSHANG UNIVERSITY
(74) ir. F.A. Geurts c.s.	(21) 2030563	(74) drs. C.M.A. Quintelier
(72) Daan Benjamin Boltje	(22) 17.01.2022	(72) Jiacheng Yang
Mart Guus Ferdinand Last	(54) Device for Testing Debris Flow Abrasion	Yanling Song
Marit Rosa Smeets	Coefficient of Concrete Materials	Xiaoxia Liu
Caspar Theodorus Hugo Jonker	(71) Shengjuan Wang	Renyao Jin
Marcin Stefan Zielinski	Zaozhuang University	Lu Zhai
(41) 29.12.2022	Hongkai Chen	(31) 2021107151144
(51) G01H 17/00	Xiewen Hu	(32) 26.06.2021
G08B 21/18	Linrong Xu	(33) China
(21) 2031748	Pengpeng Jiao	(51) G01N 33/533
(22) 30.04.2022	(74) dr. T. Wittop Koning PhD	(21) 2030305
(54) VIBRATION ABNORMALITY	(72) Shengjuan Wang	(22) 27.12.2021
DETECTION AND ALARM DEVICE OF	Linrong Xu	(54) Labeling Method for Improving Signal
GEAR PUMP	Hongkai Chen	Intensity of Time-Resolved Fluorescence
(71) Jilin Jianzhu University	Xiewen Hu	and Application Thereof
(74) dr. T. Wittop Koning PhD	Pengpeng Jiao	(71) ZHEJIANG GONGSHANG UNIVERSITY
(72) Wei Tian	(41) 30.12.2022	(74) drs. C.M.A. Quintelier
	(51) G01N 21/31	(72) Renyao Jin

Jiacheng Yang	Jianhui Wu	(51) G06F 21/53
Xiaoxia Liu	Yibin Lin	(21) 2028534
Yanling Song	Xianwu Sha	(22) 24.06.2021
Lu Zhai	Xiaofang Dou	(54) Processor for secure data processing
(31) 2021107151182	Caixian Chen	(71) Technolotion B.V.
(32) 26.06.2021	Jianchang Li	(74) dr. ir. G.J.C. Verdijck c.s.
(33) China	Yaming Zhang	(72) Jonathan Hofman
(51) G01N 33/68	(41) 30.12.2022	Sijmen Woutersen
(21) 2029775	(51) G02B 21/00	Xavier van Rijnsoever
(22) 16.11.2021	(21) 2028507	(41) 02.01.2023
(54) METHOD FOR DETECTING MULTIPLE ADVANCED GLYCATION END PRODUCTS IN DAIRY PRODUCTS	(22) 22.06.2021	(51) G06K 7/14
(71) Zhejiang Gongshang University	(54) Rescan optical system, microscope and method	G03B 13/36
ZHE JIANG LI ZI YUAN FOOD., LTD	(71) Confocal.nl B.V.	(21) 2032318
(74) drs. C.M.A. Quintelier	(74) ir. A.R. Aalbers	(22) 29.06.2022
(72) Linglin Fu	(72) Stefan Georges Emile Lampaert	(54) IMAGING LENS CHECK AND ACTIVE ALIGNMENT METHOD TO MAINTAIN CONSISTENT REAR FOCUSING DISTANCE FOR AN AUTOFOCUS LENS
Yanbo Wang	Erik Martinus Marie Manders	(71) Zebra Technologies Corporation
Qiaozhi Zhang	(41) 29.12.2022	(74) ir. H.A. Witmans c.s.
Shunyu Wang	(51) G03F 7/20	(72) Bryan E. Joles
Jian Chen	G03F 9/00	William P. Hurley, IV
Wenxiu Zhu	G02B 3/00	David T. Shi
Chong Wang	(21) 2029773	Vladimir Gurevich
Linfang Li	(22) 16.11.2021	Igor Vinogradov
(41) 03.01.2023	(54) COMPOSITE LITHOGRAPHY ALIGNMENT SYSTEM AND METHOD BASED ON SUPER-RESOLUTION IMAGING OF DIELECTRIC MICROSPHERES	Carl D. Wittenberg
(31) 202111058154.2	(71) Xihua University	(31) 17/363,708
(32) 09.09.2021	(74) dr. T. Wittop Koning PhD	(32) 30.06.2021
(33) China	(72) Wenbo Jiang	(33) United States of America
(51) G01Q 30/04	Huaran Wang	(51) G06K 9/62
G01Q 70/00	(41) 30.12.2022	(21) 2032264
(21) 2028509	(51) G05D 1/02	(22) 23.06.2022
(22) 22.06.2021	(21) 2028498	(54) HASM-Based XCO2 Data Fusion Method And System
(54) Method of and system for refurbishing a probe for use in a scanning probe microscopy device, and a computer program product.	(22) 21.06.2021	(71) INSTITUTE OF GEOGRAPHIC SCIENCES AND NATURAL RESOURCES RESEARCH, CAS Inner Mongolia Normal University Aerospace Information Research Institute, Chinese Academy of Sciences
(71) Nearfield Instruments B.V.	(54) A method for operating an automated guided vehicle and an automated guided vehicle	(74) ir. F.A. Geurts c.s.
(74) ir. H.A. Witmans c.s.	(71) VDL Steelweld B.V.	(72) Lili Zhang
(72) Hamed Sadeghian Marnani	(74) ir. A. Blokland c.s.	Tianxiang Yue
(41) 02.01.2023	(72) Jeffrey Johannes Antonius Maria van Etten	Zhengyi Bao
(51) G01V 3/38	John Alexander Johanna Thelen	(31) 202110722125.5
G01V 3/20	(51) G06F 11/14	(32) 28.06.2021
E21B 47/026	H04L 41/0631	(33) China
(21) 2028501	H04L 67/10	(51) G06Q 10/10
(22) 21.06.2021	(21) 2033144	G06Q 50/26
(54) WERKWIJZE VOOR HET DETECTIE VAN LAAGSTAND GEBASEERD OP VOLLEDIG GATBEELD VAN ELEKTRISCHE BEELDREGISTRATIE	(22) 26.09.2022	G06Q 50/04
(71) YANGTZE UNIVERSITY	(54) A Software Information Collection and Processing System	G16C 20/70
(74) ir. M.B. Plaggenborg	(71) Gansu Tongxing Intelligent Technology Development Co., Ltd.	(21) 2029891
(72) Xiang Zhang	(74) dr. A.V. Huygens	(22) 24.11.2021
Xiaoling Xiao	(72) Jian Guo	(54) METHOD FOR OPTIMIZING EMERGENCY REGULATION SCHEME OF COORDINATED INTER-REGIONAL PREVENTION AND CONTROL OF AIR POLLUTION
Jiarui Zhang	Heling Wang	(71) Tianjin University
(41) 29.12.2022	Wenbin Zhang	(74) V. Mellet
(51) G01V 9/00	Lei Yan	(72) Ning Jia
(21) 2030656	Xing Guo	Yang Jiao
(22) 23.01.2022	Yuan Zhang	Minqiang Li
(54) METHOD FOR TRACING CENTER OF HYDROTHERMAL MINERALIZATION BASED ON CHLORITE TRACE ELEMENT VARIATION	Yalu Sun	Fuzan Chen
(71) TIBET JULONG COPPER CO. LTD.	Jianfeng Han	Jin Tian
China University of Geosciences (Beijing)	Kai Guo	Huibin Du
(74) dr. T. Wittop Koning PhD	Shihong Xu	Lulu Li
(72) Decai Lin	Yarong Luo	
Youye Zheng	Pa-Li-Dan Ai-Ni-Wa-Er	
Song Wu	Zhen Li	

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(33) China
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(54) Solar module with improved bonding
(71) Atlas Technologies Holding B.V.
(74) ir. J.C. Volmer c.s.
(72) Emanuele Cornagliotti
Simone Regondi
Dario Di Carlo Rasi
-
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(21) 2030456
(22) 07.01.2022
(54) Cathode Material Coated In situ by
Copper Foam/lithium Metal Battery
(71) Advanced Materials Institute, Shandong
Academy of Sciences
(74) dr. T. Wittop Koning PhD
(72) Kang Wang
Yong Li
Yuhua Liu
Qianqian Gu
Dongwei Li
Weijie Wang
Yuanyuan Tao
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(54) Doherty power amplifier
(71) Ampleon Netherlands B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
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Binghui Zhang
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(54) AN OPTICAL COMMUNICATION
TRANSMITTER AND RECEIVER WITH
MISALIGNMENT MEASUREMENT AND
CORRECTION
(71) Aircision B.V.
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(11) 2028551 (47) 02.01.2023 (22) 25.06.2021	Jiqiao Xia Guiwei Li Xinmiao He Liang Wang	(51) A61B 5/00 A61B 5/103 G06V 40/16 A61B 5/107
(54) Hand-held harvesting tool. (73) Innocrop Consulting H. Hermans Tom Johannes Gerardus Houben	Saihui Wu Zhongqiu Li Haifeng Zhang	(11) 2028519 (47) 02.01.2023 (22) 23.06.2021
(72) Hermanus Hendrikus Catharina Hermans Tom Johannes Gerardus Houben (74) ir. A. Blokland c.s.	Ziguang Liu Haijuan He Meiyu Qi Yanzhong Feng Heshu Chen	(54) A method of demonstrating an effect of a cosmetic procedure on a subject as well as a corresponding analysing apparatus. (73) Symae technologies Holding B.V. (72) Walter David Arkesteijn Siedse Buijs (74) ir. A. Blokland c.s.
(51) A01K 67/02 (11) 2030390 (47) 30.12.2022 (22) 01.01.2022	(74) dr. T. Wittop Koning PhD (51) A23K 40/35 A23K 20/20	(51) A61K 36/23 A61K 36/32 A61K 33/22 A61K 36/61 A61K 36/70 A61K 33/34 A61K 36/882 A61P 19/08
(54) Breeding Method of Four - line Synthetic Line of White Meat Rabbit (73) Shandong Agricultural University Shandong Xinhexin Technology Co., LTD	(11) 2028496 (47) 29.12.2022 (22) 21.06.2021	(54) Micro encapsulated additive provided with an edible external coating. (73) Kaer Holding B.V. (72) Robertus Cornelis Josephus Kimenai (74) ir. A. Blokland c.s.
(72) Hui Tang Xibo Qiao Jingui Dong Hongbo Sun Yanxu Gao Mingyong Li Xinzhong Fan Zhaopeng Wang Aiguo Yang Bo Wang (74) dr. T. Wittop Koning PhD	(51) A23N 1/02 A23N 5/08 B03B 5/28 A23N 15/06 (11) 2028539 (47) 02.01.2023 (22) 25.06.2021	(11) 2032259 (47) 30.12.2022 (22) 23.06.2022 (54) PREPARATION METHOD OF BONE- SETTING ANTI-BRUISE POWDER (73) Fengtang Zhu (72) Fang Wang Fengtang Zhu (74) dr. T. Wittop Koning PhD (31) 202210254014.0 (32) 15.03.2022 (33) China
(51) A23J 3/04 A23J 3/34 A23D 9/02 (11) 2028514 (47) 29.12.2022 (22) 22.06.2021	(54) Separating system and method for separating seeds from a seeds-pulp mixture (73) Rijk Zwaan Zaadteelt en Zaadhandel B.V. (72) Marte Jenneke Colijn Jan Ruigrok (74) dr. ir. G.J.C. Verdijck c.s.	(51) A61K 36/64 A61P 7/00 A61K 36/233 A61K 36/484 A61K 36/65 A61K 36/21 A61K 36/232 A61K 36/236 A61K 36/286 A61K 36/346 A61K 36/736 A61K 36/752
(54) Proteinaceous powder derived from insect larvae or worms (73) Ynsect NL R & D B.V. (72) Selke Hagemans Paul Sjerp Zanen Jonkheer Theodoor Hendrik van de Poll (74) ir. J.C. Volmer c.s.	(11) 2028517 (47) 29.12.2022 (22) 22.06.2021	(51) A45F 5/00 H04M 1/04 (11) 2028517 (47) 29.12.2022 (22) 22.06.2021
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(54) FERMENTED FEED WITH CORN STALKS FOR PIGS AND PREPARATION METHOD THEREOF (73) Heilongjiang Academy of Agricultural Sciences (72) Di Liu Ming Tian	(11) 2028440 (47) 29.12.2022 (22) 11.06.2021 (54) HOUSING UNIT	

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(11) 2030391	(72) Joep Paumen	(73) Anhui University of Science and Technology
(47) 30.12.2022	(74) mr. ir. J. van Breda c.s.	Institute of Environment-friendly Materials and Occupational Health, Anhui University of Science and Technology (Wuhu)
(22) 02.01.2022	(51) A63B 69/00	(72) Yazhen Xing
(54) RECOMBINANT PROTEIN CAPABLE OF RESISTING MULTIPLE SCLEROSIS AND PREPARATION METHOD AND APPLICATION THEREOF	(11) 2028518	Jianming Zhu
(73) Institute of Zoology, Guangdong Academy of Sciences	(47) 02.01.2023	Min Chen
(72) Dainan Cao	(22) 23.06.2021	Jianjun Shi
Xiangyang He	(54) A humanoid mannequin for self-defense sports, a use of said mannequin and a method of producing it	Xiaoyang Chen
Libiao Zhang	(73) Djannis Karidas	Di Zhang
Bihai Li	(72) Djannis Karidas	(74) drs. P.A. van Essen c.s.
Fang Ji	(74) mr. ir. J. van Breda c.s.	(51) B29B 17/02
Yunxiao Sun	(51) A63F 9/12	(11) 2028502
Junhua Rao	(11) 1044077	(47) 29.12.2022
Zhen Peng	(47) 02.01.2023	(22) 21.06.2021
(74) dr. T. Wittop Koning PhD	(22) 25.06.2021	(54) A mobile installation for processing waste plastic materials.
(31) 202110759727.8	(54) Een kubusspelbasis voor meerdere spelers en verschillende spellen	(73) GPBO IP B.V.
(32) 05.07.2021	(73) Jacques Jeronimus Wendel Henry Crasborn	(72) Martijn Charles Alexander Kampshoff
(33) China	(72) Jacques Jeronimus Wendel Henry Crasborn	Dianne Gerland van Essen
(51) A61K 49/18	(51) B01J 20/02	Tijmen van Noord
(11) 2028542	B01J 20/20	(74) ir. A. Blokland c.s.
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(73) Catharina Philippina Janssen	(22) 24.06.2021	(11) 2028552
(72) Catharina Philippina Janssen	(54) PREPARATION METHOD OF LA(OH) ₃ NANOROD/WALNUT SHELL BIOCHAR COMPOSITE MATERIAL	(47) 02.01.2023
Jelle Onno Barentsz	(73) AGRO-ENVIRONMENTAL PROTECTION INSTITUTE, MINISTRY OF AGRICULTURE AND RURAL AFFAIRS	(22) 25.06.2021
James Nagaraj	(72) Feng Wang	(54) Component Processing Apparatus and Method Allowing to Selectively Apply Force to a Component Processed
Vasant Kumar	Yuan Luo	(73) Boschman Technologies BV
Rumen Tomov	Keqiang Zhang	(72) Jan de Beijer
(74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. W.J.J.M. Kempes	Dion Hendrikus Lambertus van Lent
(51) A62C 35/13	(51) B01L 3/00	(74) dr. R.C. van Duijvenbode c.s.
A62C 3/16	B01J 19/08	(51) B32B 17/10
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(54) Automatic communication system for local suppression of rising temperature or fire extinguishing in electrical equipment connected to a power supply	(54) PREPARATION METHOD OF SURFACE CAPABLE OF NON-DESTRUCTIVELY TRANSFERRING DROPLETS AND NON-DESTRUCTIVELY TRANSFERRING BEHAVIOR	(11) 2028493
(73) ASES GROUP, s.r.o.	(73) BEIJING INSTITUTE OF TECHNOLOGY	(47) 29.12.2022
(72) Peter Roncák	(72) Shaohua Chen	(22) 21.06.2021
Marek Duda	Yin Yao	(54) Method for pre-forming a curved thermoplastic laminate and pre-formed thermoplastic laminate
(74) dr. ir. G.J.C. Verdijck c.s.	Zhilong Peng	(73) Autoglas D & K B.V.
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(32) 19.06.2021	Bo Zhang	(74) ir. H.Th. van den Heuvel c.s.
(33) Czech Republic	(74) ir. M.B. Plaggenborg	(51) B41N 3/00
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(54) Therapeutische loopbrug		(73) Polymount International B.V.
(73) Gerardus Godefridus Antonius Dirven		(72) Johannes Antonius van de Belt
(72) Gerardus Godefridus Antonius Dirven		(74) ir. W.J.J.M. Kempes
(74) ir. A. Blokland c.s.		
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(54) METHOD FOR PREPARING SHEET RUBBER ANTI-SKID BELT FOR A TIRE
(73) XUZHOU COLLEGE OF INDUSTRIAL TECHNOLOGY
(72) Yating Xu
Houluo Cong
Zaixue Wang
Yanan Zang
Peipei Li
Feng Liu
Xiaoping Zhang
Yunhui Xu
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Guowen Weng
(74) drs. C.M.A. Quintelier
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(73) DAF Trucks N.V.
(72) Gerardus Lambertus Hendrikus Pierik
Josephus Cornelis Maria Schellekens
Martijn Johan Niesten
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(73) Roetz-Bikes B.V.
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Bobby Adriaansens
Olaf Wit
(74) ir. A.R. Aalbers
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- (54) System and method for changing a bicycle transmission ratio of a bicycle transmission
(73) Classified Cycling BV
(72) Roëll Marie van Druten
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(54) HYDRAULIC MODEL STRUCTURE FOR HIGH SPECIFIC SPEED PROPULSIVE WATER-JET PUMP
(73) DALIAN UNIVERSITY OF TECHNOLOGY
(72) Yeming Lu
Xiaofang Wang
Fangming Zhou
Ye Zhang
Qian Yu
Wei Zhao
Xiaocui Wu
Zhonghe Li
(74) drs. W.H.P. Derks
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(73) Anderling B.V.
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(47) 29.12.2022
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(73) IM-ACES B.V.
(72) Ronald Adrianus Johannes Luijkx
(74) ir. P.J.P. Janssen
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(54) Composting Device for Recycling Agricultural Straw
(73) Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs
Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences
(72) Yajing Wang
Jianning Zhao
Cheng Yan
Dan Wei
Limei Zhai
Zheng Wei
Hongyuan Wang
- Tao Luo
Ronghua Li
Yeqing Li
Guilong Zhang
Qiuliang Lei
Xinzhong Du
Shuxia Wu
Jianhong Sun
Junting Pan
Jie Li
Hongbin Liu
Yadong Yang
(74) dr. T. Wittop Koning PhD
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(54) Sugar thiol compounds and methods of producing the same
(73) PharmaCytics B.V.
(72) Bouchra Hajjaj
Gerrit Herman Veeneman
(74) ir. A. Blokland c.s.
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(54) Prodrugs with 1-(disulfanyl)alkoxy-carbonyl units
(73) PharmaCytics B.V.
(72) Bouchra Hajjaj
Gerrit Herman Veeneman
Somhairle Maccormick
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(47) 29.12.2022
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(54) METHOD AND REACTOR SYSTEM FOR DEPOLYMERIZING A TEREPHTHALATE-POLYMER INTO REUSABLE RAW MATERIAL
(73) Ioniqa Technologies B.V.
(72) Egor Vasilyevich Fufachev
Alexander Thomas Wolters
Joost Robert Wolters
André Banier de Haan
(74) dr. ir. G.J.C. Verdijck c.s.
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(54) METHOD AND REACTOR SYSTEM FOR DEPOLYMERIZING A TEREPHTHALATE-POLYMER INTO REUSABLE RAW MATERIAL
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Alexander Thomas Wolters	David R. Strayer	(54) RPA-LFD Rapid Detecting Method of <i>Globodera rostochiensis</i> and its Application
Joost Robert Wolters	Diane L. Young	(73) Institute of Plant Protection (IPP), Chinese Academy of Agricultural Sciences (CAAS)
André Banier de Haan	(74) ir. H.A. Witmans c.s.	Chinese Academy of Inspection and Quarantine
(74) dr. ir. G.J.C. Verdijck c.s.	(31) 62/965,713	(72) Deliang Peng
(51) C09C 1/48	62/967,493	Jianjun Ge
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(72) Jaesun Choi	63/026,712	(11) 2030094
Theis Clarke	63/029,395	(47) 30.12.2022
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(32) 03.05.2017	29.01.2020	(72) Xidong Mu
(33) United States of America	03.02.2020	Yi Liu
(51) C09D 5/02	06.02.2020	Yexin Yang
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(72) Qi Lin	22.05.2020	(47) 30.12.2022
Guocai Zheng	15.10.2020	(22) 24.09.2020
Yanlian Xu	15.12.2020	(54) InDel MOLECULAR MARKERS CLOSELY LINKED TO RICE HEADING DATE GENES AND APPLICATION THEREOF
Binbin Zheng	(33) United States of America	(73) Biotechnology Research Center, Shandong Academy of Agricultural Sciences
(74) dr. T. Wittop Koning PhD	United States of America	(72) Ning Xuan
(31) 202110828436.X	United States of America	Xu Liu
(32) 22.07.2021	United States of America	Hua Zhang
(33) China	United States of America	Fangyin Yao
(51) C12N 1/14	United States of America	Qianqian Zhao
A01N 63/36	United States of America	(74) dr. T. Wittop Koning PhD
(11) 2029438	United States of America	(31) 202010280591.8
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(72) Hao Jiang	United States of America	(11) 2030432
Mengting Zhang	United States of America	(47) 03.01.2023
Jiaxun Li	United States of America	(22) 05.01.2022
Wenjie Wang	United States of America	(54) Optimized Initiation Method for Organic Fertilizer Strain Mutagenesis at Low Temperature and Inoculant Compounding Technology
Wenjing Chen	United States of America	(73) Institute of Biology, Gansu Academy of Sciences
Chenkang Ma	United States of America	(72) Shuyang Wang
(74) ir. M.B. Plaggenborg	(51) C12Q 1/6844	
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(51) C12N 15/117	(54) Primer Set, Probe, Kit and Application for Detecting African Swine Fever Virus	
A61K 31/713	(73) Institute of Animal Health, Guangdong Academy of Agricultural Sciences	
(11) 2030835	Maoming Branch, Guangdong Laboratory for Lingnan Modern Agriculture	
(47) 29.12.2022	(72) Hongchao Gou	
(22) 25.01.2021	Haiyan Shen	
(54) METHODS, COMPOSITIONS, AND VACCINES FOR TREATING A VIRUS INFECTION	Jianfeng Zhang	
(62) 2027383 (25.01.2021)	Chunhong Zhang	
(73) AIM ImmunoTech Inc.	Zhicheng Liu	
(72) Thomas K. Equels	Junying Sun	
	Ming Liao	
	(74) dr. T. Wittop Koning PhD	
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Jinhao Du	(22) 10.01.2022	(72) Adriaan Cornelis Christiaan Hund
Yinan Peng	(54) New type of double-gear push-type	(74) ir. J.C. Volmer c.s.
Zhiye Wang	water-saving faucet	(51) F24D 3/14
Bin Ji	(73) Hebei University of Engineering	(11) 2031157
Ze Ye	Hohai University	(47) 30.12.2022
Hongshan Qi	Bureau of Fu-Zhang River Irrigation and	(22) 04.03.2022
Peng Xi	Water Supply Management	(54) HEATING OR COOLING ELEMENT
(74) dr. T. Wittop Koning PhD	(72) Hongchun Wang	(73) VIDAR LAST HOLDING BV
(51) C23C 22/18	Jing Ma	(72) Vidar Johan Last
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(11) 2031502	Lixin He	(51) F24S 20/20
(47) 30.12.2022	Qinghua Luan	F24S 23/71
(22) 05.04.2022	Haisheng Zhang	F24S 23/79
(54) Method for composite surface	Jia Wu	(11) 2028577
strengthening treatment of gears	Hongyuan Shi	(47) 03.01.2023
(73) Hebei University of Technology	Xiaoxiang Zhou	(22) 29.06.2021
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Ningbo Jili Luoyou Engine Parts Co., Ltd.	(51) F17C 3/02	radiation concentrating system
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(72) Hui You	(47) 29.12.2022	(72) Oliver Bernardus Menken
Yimin Wu	(22) 22.06.2021	(74) ir. H.A. Witmans c.s.
Yong Chen	(54) CRYOGENIC HYDROGEN STORAGE	(51) F24S 20/70
Guangxin Li	SYSTEM, ENERGY STORAGE	H02S 20/32
Libin Zang	SYSTEM, AND METHOD FOR	H02S 30/10
Jie Chen	STORING AND DELIVERING	(11) 2028526
Xiaozhe Lin	HYDROGEN	(47) 02.01.2023
Yanjun Tan	(73) HEBS B.V.	(22) 24.06.2021
(74) dr. T. Wittop Koning PhD	(72) Marcel Nicolaas Keezer	(54) Werkwijze voor het aanleggen van een
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(11) 2028508	(51) F23G 5/50	(73) Floating Solar B.V.
(47) 29.12.2022	F23J 99/00	(72) Bastiaan Franciscus van Roosendaal
(22) 22.06.2021	(11) 2030898	Ralph Jonathan van Dijk
(54) Inrichting voor het inbedden van een	(47) 03.01.2023	(74) ir. A. Blokland c.s.
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(73) Brugt Sijbren Bergsma	(54) Cold simulation method and device for	F28D 20/00
(72) Brugt Sijbren Bergsma	coking process of heating surface of	(11) 2028525
Krijn Franciscus Marie Zuyderhoudt	incinerator	(47) 02.01.2023
Erwin de Graaf	(73) Tianjin University of Commerce	(22) 24.06.2021
Mark Tamboer	Tianjin University	(54) System for storage of thermal energy
Hendrik Heringa	(72) Guanyi Chen	(73) HoCoSto Holding B.V.
(74) ir. B.J. 't Jong	Junyu Tao	(72) Renuat Bernardinus Maria Geerts
(51) E04H 17/26	Zaixin Li	(74) ir. A. Blokland c.s.
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(54) Werkwijze voor het volgens een patroon	Zhanjun Cheng	(47) 02.01.2023
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ondergrond te plaatsen elementen	Lan Mu	(54) A mortar projectile
(73) L. BOUWMAN HOLDING B.V.	(74) dr. T. Wittop Koning PhD	(73) Van Halteren Metaal B.V.
(72) Lucas Bouwman	(31) 202210078729.5	(72) Eduard Noorlander
Antonius Theodores Johannes van	(32) 24.01.2022	Gilian Alexander van Ree
Scheppingen	(33) China	(74) mr. ir. J. van Breda c.s.
Maarten Bruin	(51) F23K 5/10	(51) G01B 11/06
(74) ir. W.J.J.M. Kempes	F23K 5/20	(11) 2028497
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(11) 2028560	(47) 02.01.2023	(22) 21.06.2021
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(22) 28.06.2021	(54) Hybrid domestic fireplace	micromachining a sample using a
(54) Scharnier en werkwijze voor het	(73) Kal-Fire Beheer B.V.	Focused Ion Beam
koppelen van een scharnier	(72) Adriaan Cornelis Christiaan Hund	(73) DELMIC IP B.V.
(73) Johan Willem Brak	(74) ir. J.C. Volmer c.s.	(72) Daan Benjamin Boltje
(72) Johan Willem Brak	(51) F23K 5/10	Mart Guus Ferdinand Last
(74) ir. B.J. 't Jong	F23K 5/20	Marit Rosa Smeets
(51) F16K 11/14	(11) 2028541	Caspar Theodorus Hugo Jonker
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(11) 2030485	(22) 25.06.2021	(74) ir. F.A. Geurts c.s.
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(73) Beihua University
(72) Xujiao Yang
Guangli Chang
Zihe Li
(74) S. Eeckhaoudt PhD
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(54) Method for Manufacturing a Similar Simulation of Structural Specimen of Fracture Zone Containing Fault
(73) The Hong Kong Polytechnic University
Shandong University of Science and Technology
(72) Xunan Wu
Qi Zhang
Jianli Shao
Wenquan Zhang
Yu Lei
(74) dr. A.V. Huygens
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(73) Shengjuan Wang
Zaozhuang University
Hongkai Chen
Xiewen Hu
Linrong Xu
Pengpeng Jiao
(72) Shengjuan Wang
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(54) A system for identifying a biological sample and a method for identifying a biological sample
(73) Clearstream Technologies Limited
(72) Luke Bernard Anthony Myles
Christopher Norris
Prathamesh Sharad Dhanpalwar
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(54) DEVICE AND METHOD FOR SENSING REFRACTIVE INDEX OF D-TYPE PHOTONIC CRYSTAL FIBER WITH TRIANGULAR PORES
(73) Harbin University of Science and Technology
(72) Hai Huang
Tao Shen
Han Liang
Zhiwen Zhang
Shaofeng Wang
Jianjiao Chen
Dongxing Wang
(74) dr. T. Wittop Koning PhD
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(73) CROP RESEARCH INSTITUTE, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES
(72) Yan Zi
Jianmin Song
Haosheng Li
Jianjun Liu
Aifeng Liu
Canguo Wang
Jun Guo
Wei Ju
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(73) Zhejiang Gongshang University
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(72) Linglin Fu
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(73) Nearfield Instruments B.V.
(72) Hamed Sadeghian Marnani
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(73) YANGTZE UNIVERSITY
(72) Xiang Zhang
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(54) METHOD FOR TRACING CENTER OF HYDROTHERMAL MINERALIZATION BASED ON CHLORITE TRACE ELEMENT VARIATION
(73) TIBET JULONG COPPER CO. LTD.
China University of Geosciences (Beijing)
(72) Decai Lin
Youye Zheng
Song Wu
Jianhui Wu
Yibin Lin
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Yaming Zhang
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(73) Xihua University (72) Wenbo Jiang Huaran Wang (74) dr. T. Wittop Koning PhD	(72) Kang Wang Yong Li Yuhua Liu Qianqian Gu Dongwei Li Weijie Wang Yuanyuan Tao (74) dr. T. Wittop Koning PhD
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(73) China University of Geosciences, Beijing (72) Gongwen Wang Ruixi Li Zhiqiang Zhang (74) dr. T. Wittop Koning PhD (31) 202110032104.0 (32) 11.01.2021 (33) China	(51) H04B 10/112 (11) 2028561 (47) 02.01.2023 (22) 28.06.2021 (54) AN OPTICAL COMMUNICATION TRANSMITTER AND RECEIVER WITH MISALIGNMENT MEASUREMENT AND CORRECTION
(51) G06F 21/53 (11) 2028534 (47) 02.01.2023 (22) 24.06.2021 (54) Processor for secure data processing	(73) Aircision B.V. (72) Daniele Raitere Bas van der Wielen John J.E. Reid (74) P.J. Pollard B.Eng
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Contains data concerning Netherlands patents which have been entered in the patent
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EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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EP2

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(73) Sirtex Medical Inc.	(72) AUBERT, Lionel	(73) L'OREAL
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E21B 43/11	ALUMINUM LASER WELDING	(54) COOLING SYSTEM FOR ROTATING
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G01N 33/24	Shanghai Jiao Tong University	(73) Raytheon Technologies Corporation
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METHOD, ONE OR MORE NON-	B23K 26/082	B23Q 7/02
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(47) 04.01.2023	102017103397	(11) EP3865330
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(54) COOLED MOBILE DEVICE MOUNTING SYSTEM FOR A VEHICLE	20.02.2017	16.04.2020
(73) MAGNA INTERNATIONAL INC	20.02.2017	(22) 21.11.2018
(72) SCHLEICHER, Daniel	20.02.2017	(54) ELECTRIC WHEEL ASSEMBLY SUITABLE FOR WHEEL WITH PARALLELLY INSTALLED DUAL TIRE, AXLE, AND VEHICLE
(31) 201862744838 P	(33) Germany	(73) Tsinghua University
(32) 12.10.2018	Germany	(72) LI, Jianqiu
(33) United States of America	Germany	HU, Jiayi
(51) B60H 1/00	(51) B60K 1/02	CAI, Bingkun
B60H 1/32	F16H 37/08	LI, Hang
(11) EP3849832	F16H 3/089	XU, Liangfei
(21) EP19773270.4	(11) EP3829909	OUYANG, Minggao
(47) 04.01.2023	(21) EP19752984.5	(31) 201811171038
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(22) 06.09.2019	06.02.2020	
(54) TRANSPORTATION REFRIGERATION DEVICE, POWER MANAGEMENT SYSTEM AND POWER MANAGEMENT METHOD	(22) 01.08.2019	(51) B60K 11/06
(73) Carrier Corporation	(54) ELECTRIC VEHICLE PROPULSION SYSTEM	B60K 1/04
(72) CAI, Siwei	(73) VALEO EMBRAYAGES	B60K 1/00
CHEN, Linhui	(72) MARECHAL, Olivier	H01M 10/625
XIE, KangShan	COUTURIER, Benoit	H01M 10/6562
(31) 201811073683	(31) 1857279	H01M 50/249
(32) 14.09.2018	(32) 03.08.2018	B60L 50/64
(33) China	(33) France	(11) EP3693200
(51) B60K 1/00	(51) B60K 6/24	(21) EP18892097.9
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(22) 12.02.2021	B60K 6/405	(22) 25.10.2018
(54) TRACTION GEAR MOTOR FOR A VEHICLE AND CORRESPONDING ASSEMBLY METHOD	F01M 13/00	(54) TRUCK
(73) Renault s.a.s	B62M 7/02	(73) Daimler Truck AG
(72) MARCHAL, Nicolas	B60K 13/02	(72) TAKEDA, Shogo
THIOLIERE, David	B60K 6/547	(31) 2017242926
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(33) France	(47) 04.01.2023	(51) B60K 15/07
(51) B60K 1/00	(22) 29.06.2020	B60K 15/03
B60K 7/00	(54) HYBRID VEHICLE	B62D 21/15
B60K 1/04	(73) Kawasaki Motors, Ltd.	B60K 15/067
B60K 11/02	(72) Nishiyabu, Masaki	B62D 21/02
B60K 17/04	Hida, Yuji	B62D 21/09
B60K 23/04	(31) 2019123352	(11) EP3863878
B60L 1/02	(32) 02.07.2019	(21) EP20880383.3
B60T 1/06	(33) Japan	(47) 04.01.2023
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(73) Nikola Corporation	B60K 17/346	RI, Tomoyuki
(72) GAMBONE, Livio, Richard	B60K 17/36	(31) 2017031084
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GROTTENTHALER, David, Leigh	(21) EP17822541.3	(33) Japan
REIDHEAD, Paul, Benjamin	(47) 04.01.2023	(51) B60L 53/14
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(51) B60K 17/04	FOR TANDEM AXLES	B62H 3/00
B60K 7/00	(73) IVECO S.p.A.	(11) EP3663123
F16D 55/36	(72) PEREIRA DE LEMOS, José Francivaldo	(21) EP19174752.6
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F16H 1/46	(32) 14.12.2016	(22) 15.05.2019
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F16D 121/06	(51) B60K 37/02	METHOD, ELECTRIC SCOOTER AND
F16D 65/02	B60K 37/06	STORAGE MEDIUM
(11) EP3593016	F21V 3/10	(73) NINEBOT (BEIJING) TECH. CO., LTD.
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(47) 04.01.2023	F21V 8/00	XI, Weining
(87) US2017057842	F21V 23/04	YUAN, Yubin
13.09.2018	G02B 6/00	CHEN, Zichong
(22) 23.10.2017	G09F 13/04	CHEN, Zhongyuan
(54) PLANETARY WHEEL DRIVE BRAKE	H01H 25/00	(31) 201811497110
(73) Fairfield Manufacturing Company, Inc.	B60Q 3/217	(32) 07.12.2018
(72) MARTIN, Scott	B60Q 3/64	(33) China
LI, Yichen	F21W 106/00	(51) B60M 3/04
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(47) 04.01.2023	(73) Alps Alpine Co., Ltd.	(54) SYSTEM HAVING AN ELECTRIC
(22) 24.06.2021	(72) YAMAGATA, Kazuyoshi	CONSUMER
(54) PTO SHAFT DRIVING DEVICE IN	(31) 2017230112	(73) Sew-Eurodrive GmbH & Co. KG
WORKING MACHINE	(32) 30.11.2017	(72) HENKEL, Rico
(73) KUBOTA CORPORATION	(33) Japan	BUND, Martin
(72) TAKAHASHI, Keiji	(51) B60L 3/04	EPP, Mario
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GONO, Tsuyoshi	H02M 7/5387	(31) 102018009349
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B60K 23/08	ELECTRICAL ENERGY STORE OF A	B60N 2/75
F16D 13/52	MOTOR VEHICLE	A63F 13/218
F16D 27/00	(73) MAN Truck & Bus SE	A63F 13/245
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(73) BorgWarner Sweden AB	B61F 5/12	SEAT AND BALL IN AUTONOMOUS
(72) LUNDSTRÖM, Bo	(11) EP3587167	VEHICLE
SEVERINSSON, Lars	(21) EP18756899.3	(73) HYUNDAI MOTOR COMPANY
(31) 1850419	(47) 04.01.2023	Kia Corporation
1850084	(87) JP2018005436	(72) LEE, Baek Hee
(32) 13.04.2018	30.08.2018	LEE, Jong Hun
25.01.2018	(22) 16.02.2018	KWAK, Min Hyuk
(33) Sweden	(54) ACTUATOR APPARATUS	LEE, Yo Seob
Sweden	(73) Hitachi Astemo, Ltd.	(31) 20190085051
(51) B60K 23/08	(72) KODA, Naoki	(32) 15.07.2019

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(51) B60N 2/22	SANTIN, Andrew W.	(54) LIGHTING ELEMENT
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JIANG, Chong	RETRACTABLE SUPPORT	F21W 102/19
HUANG, Zhengkun	(73) Renault s.a.s	F21W 102/155
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(11) EP3473492	B60N 2/02	VEHICLE
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(73) FENIX SAFETY SRL	(22) 31.07.2018	(33) France
(72) NOVARA, Paolo	(54) ROTATING ARMREST ASSEMBLY	(51) B60Q 1/34
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(33) China	RUIZ LARA, Oscar	B60Q 9/00
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B60N 2/68	B60Q 3/233	B60Q 5/00
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(22) 22.08.2019	(54) SEAT OF A TRANSPORT VEHICLE	24.10.2019
(54) ANCHORAGE DEVICE FOR A	AND ASSOCIATED TRANSPORT	(22) 21.03.2019
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MANUFACTURING PROCESS	(73) SpeedInnov	OF A MOTOR VEHICLE WITH A
(73) VOLKSWAGEN	(72) PAILLER, Christophe	TRAFFIC PARTICIPANT, AND MOTOR
AKTIENGESELLSCHAFT	BEAUSEIGNEUR, Christophe	VEHICLE FOR CARRYING OUT THE
(72) HARTWIG, Fred	(31) 1910285	METHOD
(31) 102018214358	(32) 18.09.2019	(73) Volkswagen AG
(32) 24.08.2018	(33) France	(72) OTHERSEN, Ina
(33) Germany	(51) B60Q 1/00	ROTH, Joscha
(51) B60N 2/58	B60Q 1/18	BUSSIUS, Annika
B60R 13/02	B60Q 1/26	WYSZKA, Robert Jan
F16B 2/22	B60Q 1/32	(31) 102018206042
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(73) Goodrich Lighting Systems GmbH (72) PAWLICZEK, Carsten SCHOEN, Christian	(73) Compagnie Plastic Omnium (72) STABLO, Frédéric (31) 1760857 (32) 17.11.2017 (33) France (51) B60R 16/02	(73) Renault s.a.s NISSAN MOTOR CO., LTD. (72) SAVEL, Patrick STINEAU, Jean Yves (31) 1871882 (32) 27.11.2018 (33) France
(51) B60Q 3/44 B60Q 3/60 B60Q 3/47 B64D 11/00 F21Y 115/10 (11) EP3763569 (21) EP19186071.7 (47) 04.01.2023 (22) 12.07.2019	(21) EP20200746.4 (47) 04.01.2023 (22) 08.10.2020 (54) PROTECTIVE MEMBER FOR WIRE HARNESS, AND BRANCHING STRUCTURE OF WIRE HARNESS	(51) B60R 19/52 B60K 11/08 (11) EP3960548 (21) EP21187568.7 (47) 04.01.2023 (22) 25.07.2021 (54) BUG SCREEN FOR MOUNTING TO A GRILLE OF A VEHICLE
(73) Audi AG (72) PFEIL, Marcus WEHRLIN, Peter (31) 102012005397 (32) 16.03.2012 (33) Germany	(73) Yazaki Corporation (72) Satoh, Harutake (31) 2019187704 (32) 11.10.2019 (33) Japan (51) B60R 16/02 B60R 11/00 B60D 1/62 B62D 53/06	(73) International Truck Intellectual Property Company, LLC (72) ELSKAFOSS, Kevin M. CHARLES, Robert D. (31) 202017003460 (32) 26.08.2020 (33) United States of America
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Schock, Marc	B60T 8/58	(72) OSTERBERG, Timothy
Reiter, Thomas	B60T 8/72	HOLLAND, Randall
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(73) Seiren Co., Ltd.	OHARA, Shinji	HYDRAULIC BRAKE SYSTEM
(72) KODERA, Shota	(31) 2019109100	(73) Giant Manufacturing Co., Ltd.
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(32) 31.03.2017	(33) Japan	HSU, Che-Wei
(33) Japan	(51) B60T 3/00	(31) 106128634
(51) B60S 1/38	B60R 25/09	(32) 23.08.2017
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(22) 27.06.2018	(54) A DEVICE FOR IMMOBILIZING A	(54) BRAKING METHOD FOR A RAIL
(54) WIPER RUBBER WITH OPTIMIZED	WHEELED VEHICLE	VEHICLE IN ORDER TO FACILITATE
COATING LAYER THICKNESS	(73) Vinnicombe, Timothy Richard	ITS DECOUPLING
(73) Robert Bosch GmbH	(72) Vinnicombe, Timothy Richard	(73) SNCF Voyageurs
(72) GOTZEN, Nicolaas	(31) 1650672	(72) GOERES, David
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CARLIER, Valerie	(33) Sweden	DURAND, Thierry
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HOUSSAT, Stéphane	(22) 14.11.2017	OF THE BRAKING OF A RAILWAY
JOMARD, Olivier	(54) VEHICLE SPEED SENSOR DEVICE	VEHICLE
POLEK, Agata	AND ABS APPARATUS INCLUDING	(73) Faiveley Transport Italia S.r.l.
MARTYNIUK, Adam	SAME	(72) TIONE, Roberto
(51) B60S 1/40	(73) ILJIN GLOBAL Co., Ltd.	(31) 201800010349
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G01C 11/06	SYSTEM	(72) HOLLMACH, Marc
G01B 11/25	(73) Melexis Technologies SA	WAGNER, Michel
(11) EP2495527	(72) BIDAUX, Yves	HÖCKER, Rainer
(21) EP12156215.1	DEPOORTER, Jean-Claude	(31) 102018132311
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H04W 12/06	(54) OBJECT, METHOD FOR PRODUCING	(87) JP2019032189
G06F 21/31	THE OBJECT, AND METHOD FOR	19.03.2020
G01C 21/34	DETERMINING A POSITION OF THE	(22) 16.08.2019
H04L 9/40	OBJECT	(54) MEASUREMENT DEVICE,
G01S 5/02	(73) Bogen Magnetics GmbH	MEASUREMENT METHOD, AND
G06F 21/00	(72) BECKER, Torsten	COMPUTER-READABLE RECORDING
G06F 21/44	(31) 102015121812	MEDIUM
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H04W 4/024	(51) G01D 5/48	(31) 2018172724
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H04W 4/33	(21) EP20205522.4	(51) G01F 1/58
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(54) METHOD AND SYSTEM FOR	(73) SICK ATech GmbH	11.06.2020
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(11) EP3729007	World Intellectual Property Office (WIPO)	(72) KANNO Masahiro
(21) EP18803951.5	World Intellectual Property Office (WIPO)	KASAMATSU Shunsuke
(47) 04.01.2023	World Intellectual Property Office (WIPO)	
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ADJUSTING THE CLAMP-ON	(87) FR2019052804	(54) RADIATION SENSORS
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(73) Endress + Hauser Flowtec AG	(22) 26.11.2019	(72) DARDONA, Sameh
(72) WIEST, Achim	(54) APPARATUS FOR CONTACTLESSLY	PIECH, Marcin
BRUMBERG, Oliver	MEASURING THE WEIGHT OF A	SCHMIDT, Wayde R.
BERGER, Andreas	MOVING ASSEMBLY	VINCITORE, Antonio M.
(31) 102017130976	(73) ASSOCIATION POUR LA RECHERCHE	MANTESE, Joseph V.
(32) 21.12.2017	ET LE DÉVELOPEMENT DES	WILLIGAN, Rhonda R.
(33) Germany	MÉTHODES ET PROCESUS	HARRIS, Peter R.
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(73) Krohne AG	YAMAKAWA, Atsushi	THE MOVEMENT AND/OR THE
(72) Pors, Jan Teunis Aart	(31) 2020051128	PRESENCE OF A PERSON
Hogendoorn, Cornelius Johannes	2020050015	(73) Tridonic GmbH & Co KG
de Graaf, Ariël	2020050013	(72) KÜNZLI, Markus
Zoeteweiij, Marco Leendert	(32) 23.03.2020	KISTLER, Roger
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(87) US2019057989	A REFERENCE WEIGHT FOR	(47) 04.01.2023
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(22) 25.10.2019	CARRIAGES OR CALIBRATION OF	17.07.2014
(54) LOGIC CIRCUITRY PACKAGE	VEHICLE SCALES	(22) 08.01.2014
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(72) WAEVER, Quinton B.	(31) 102020100906	MEASUREMENT CONTROL OF
STUDER, Anthony	(32) 16.01.2020	SPECTROPHOTOMETRIC DATA
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(54) INFRARED PRESENCE DETECTOR	(47) 04.01.2023	(51) G01L 1/22
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(73) Carrier Corporation	(54) PYROELECTRIC SENSOR WITH	G01B 7/16
(72) FINN, Alan Matthew	IMPROVED COATING FOR ABRASION	G01L 1/26
XIONG, Ziyou	RESISTANCE	G01L 5/00
SOLDNER, Nicholas Charles	(73) Commissariat à l'énergie atomique et aux	G01B 5/00
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(73) Kyocera Corporation	(22) 04.06.2021	CHIA, Han-Jong
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(72) An, Chiwook	(11) EP3675245	NON-AQUEOUS ELECTROLYTE
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Choi, Sanghyun	(47) 04.01.2023	POSITIVE ELECTRODE ACTIVE
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(33) Korea (Republic)	MATERIAL, BATTERY AND DEVICE	(72) FURUICHI Yuki
(51) H01L 51/52	(73) Contemporary Amperex Technology Co.,	KOMUKAI Tetsufumi
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(72) MAY, Philip Edward	PACK AND DEVICE ASSOCIATED	H01M 8/04858
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RECEPTION METHOD	A63F 13/49	LOUDSPEAKER
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(51) H04R 25/00	(73) Deutsche Telekom AG	CONNECTED VEHICLES HAVING
H04R 13/00	(72) KADELKA, Arndt	HIDDEN VEHICLE FUNCTIONALITY
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(73) Gaudi Audio Lab, Inc.	JANG, Jaehyuk	RESPONSE HANDLING
(72) OH, Hyunoh	KIM, Donggun	(73) Conviva Wireless, LLC
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(72) LU, Qianxi	LI, Gaoxiang	DICKER, George R.
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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.

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(47) 19.10.2022	E21B 29/00	(73) Weatherford Technology Holdings, LLC
(51) E04H 4/00	E21B 31/16	(72) PURKIS, Daniel George
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(74) ir. W.J.J.M. Kempes	(72) FAIRWEATHER, Alan	(47) 26.10.2022
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(22) 10.05.2019	(51) E21B 21/01	(72) TELFER, George
(54) SYSTEM FOR BLOCKING THE LEAF OF A DOOR OR A WINDOW	E21B 21/10	(74) dr. A. Krebs
(73) GEZE GmbH	E21B 47/13	(31) 201701649
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(33) Germany	(73) Eni S.p.A.	United Kingdom
(47) 12.10.2022	(72) BURRAFATO, Sebastiano	(47) 30.11.2022
(51) E06B 9/32	MALIARDI, Alberto	(51) E21B 29/02
G05B 19/042	TUROLLA, Axel	(11) EP3837420
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E21B 29/00	F04C 2/16	(73) ArcelorMittal
E21B 31/00	(11) EP3913187	(72) VENTURA GARCIA, Beatriz
(11) EP3619390	(21) EP21168615.9	GREMLING, Michaël
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(22) 03.05.2018	(54) SCREW SPINDLE PUMP	(74) dr. R.C. van Duijvenbode c.s.
(54) IMPROVEMENTS IN OR RELATING	(73) LEISTRITZ PUMPEN GMBH	(47) 30.11.2022
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RECOVERY	MAURISCHAT, Roland	F03D 13/10
(73) Ardyne Holdings Limited	ROSSOW, Philipp	B63B 35/00
(72) FAIRWEATHER, Alan	(74) ir. W.J.J.M. Kempes	B63B 35/44
(74) dr. A. Krebs	(31) 102020113372	B63B 75/00
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(51) E21B 41/00	(22) 24.03.2021	(72) DENG, Xu
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E21B 7/06	CYCLE POWER PLANT OPERATION	CHEN, Tianxi
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(73) Shell Internationale Research	TRALSHAWALA, Nilesh	(74) dr. R.C. van Duijvenbode c.s.
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(73) Schlumberger Technology B.V.	JOERGENSEN, Jonas Helboe	Sirketi
(72) KIM, David Geehyun	(74) dr. R.C. van Duijvenbode c.s.	(72) ÖZÇELİK, Esra
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VARKEY, Joseph	(32) 31.03.2017	(74) dr. A. Krebs
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(73) GasNet s.r.o.	(51) F03D 13/20	HAUSLADEN, Norbert
(72) Filip, Martin	F03D 13/10	PAAL, Martin
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(72) SCHAUB, Martin	YAMAKAWA, Masahiko	F04B 25/00
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(73) University of Southampton	B01D 15/32	SEMMELE, Ilan
(72) SPENCER, Daniel Christopher	G01N 30/34	ASCHKENASY, Jacques
MORGAN, Hywel	G01N 30/74	ROSEN, Micha
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SPC

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VB1

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C08L 67/03	A61Q 5/02
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(11) EP1471902	(11) EP1508246	(11) EP1595799
(00) 03.01.2023	(00) 01.06.2022	(00) 01.06.2022
(00) Patent Expired	(00) EPV lapsed	(00) EPV lapsed
(11) EP1477094	(11) EP1509002	(11) EP1595829
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(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1477632	(11) EP1509329	(11) EP1597953
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1479752	(11) EP1509354	(11) EP1600700
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1479961	(11) EP1509586	(11) EP1600702
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1602401	(11) EP1628736	(11) EP1727261
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1602600	(11) EP1629025	(11) EP1727302
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1602615	(11) EP1629517	(11) EP1728434
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1603284	(11) EP1631234	(11) EP1729158
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1604563	(11) EP1633396	(11) EP1729325
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1609611	(11) EP1633518	(11) EP1731308
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1620082	(11) EP1634024	(11) EP1731861
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1620362	(11) EP1634413	(11) EP1738635
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1622841	(11) EP1635698	(11) EP1742665
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1623011	(11) EP1638689	(11) EP1745079
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1623023	(11) EP1647103	(11) EP1745640
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1623389	(11) EP1650662	(11) EP1745668
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1625328	(11) EP1654654	(11) EP1747269
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1625351	(11) EP1656346	(11) EP1747302
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1625618	(11) EP1672458	(11) EP1749029
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1625762	(11) EP1716379	(11) EP1749065
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1626698	(11) EP1719637	(11) EP1749110
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1626796	(11) EP1719916	(11) EP1749264
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1626992	(11) EP1721822	(11) EP1750596
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1627298	(11) EP1723855	(11) EP1751571
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1627852	(11) EP1723908	(11) EP1753556
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1628536	(11) EP1727121	(11) EP1756064
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1756197	(11) EP1854782	(11) EP1883525
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1756372	(11) EP1855391	(11) EP1883586
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1756497	(11) EP1857028	(11) EP1883623
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1759474	(11) EP1857375	(11) EP1883704
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1761266	(11) EP1857430	(11) EP1884558
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1761315	(11) EP1859679	(11) EP1885212
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1761602	(11) EP1860266	(11) EP1885256
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1765428	(11) EP1860332	(11) EP1885763
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1765612	(11) EP1862237	(11) EP1886372
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1766063	(11) EP1872468	(11) EP1886526
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1768493	(11) EP1877403	(11) EP1887936
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1769021	(11) EP1878100	(11) EP1888162
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1769306	(11) EP1879475	(11) EP1888539
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1771917	(11) EP1879866	(11) EP1888603
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP1773133	(11) EP1879921	(11) EP1888642
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1774764	(11) EP1879936	(11) EP1888807
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1781573	(11) EP1879955	(11) EP1889059
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP1789352	(11) EP1881811	(11) EP1889978
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(11) EP1824488	(11) EP1882069	(11) EP1891503
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(11) EP1838126	(11) EP1882737	(11) EP1893405
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(11) EP1897038	(11) EP2015924	(11) EP2024496
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(11) EP1902067	(11) EP2016011	(11) EP2024510
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(11) EP1910226	(11) EP2016183	(11) EP2026778
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(11) EP1912096	(11) EP2016237	(11) EP2026835
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(11) EP1913282	(11) EP2016608	(11) EP2027197
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(11) EP1924007	(11) EP2018164	(11) EP2027349
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(11) EP1992283	(11) EP2018475	(11) EP2032239
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(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP2000428	(11) EP2020973	(11) EP2039018
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(11) EP2006883	(11) EP2021391	(11) EP2039328
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP2011929	(11) EP2021473	(11) EP2044239
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP2013175	(11) EP2022729	(11) EP2052753
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

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(11) EP2058723	(11) EP2130973	(11) EP2152496
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP2065358	(11) EP2135628	(11) EP2152644
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(11) EP2107738	(11) EP2146902	(11) EP2155699
(00) 02.01.2023	(00) 01.06.2022	(00) 01.06.2022
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(00) 02.01.2023	(00) 01.06.2022	(00) 01.06.2022
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(11) EP2116134	(11) EP2147350	(11) EP2155888
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(11) EP2116419	(11) EP2147523	(11) EP2156759
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(11) EP2116820	(11) EP2148065	(11) EP2157022
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(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
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(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

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(11) EP2251088	(11) EP2286194	(11) EP2303120
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2251467	(11) EP2286967	(11) EP2303276
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2252002	(11) EP2288430	(11) EP2303761
(00) 31.12.2022	(00) 01.06.2022	(00) 01.06.2022
(00) Patent Expired	(00) EPV lapsed	(00) EPV lapsed
(11) EP2255615	(11) EP2288493	(11) EP2303782
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2255660	(11) EP2290939	(11) EP2307117
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2255865	(11) EP2291300	(11) EP2307654
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2256703	(11) EP2292752	(11) EP2307922
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2262476	(11) EP2293950	(11) EP2308509
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2267242	(11) EP2294246	(11) EP2313039
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2270300	(11) EP2296490	(11) EP2313152
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2274549	(11) EP2297253	(11) EP2313351
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2275815	(11) EP2297254	(11) EP2314620
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2276149	(11) EP2297818	(11) EP2314621
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2277031	(11) EP2297932	(11) EP2314731
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2277890	(11) EP2298002	(11) EP2316954
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2318004	(11) EP2386273	(11) EP2420801
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2324323	(11) EP2386347	(11) EP2424459
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2327464	(11) EP2386444	(11) EP2427101
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2327465	(11) EP2386769	(11) EP2427257
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2332705	(11) EP2387174	(11) EP2427566
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2338375	(11) EP2387259	(11) EP2428455
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2346924	(11) EP2387875	(11) EP2429277
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2348623	(11) EP2388379	(11) EP2429602
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2352361	(11) EP2388380	(11) EP2430049
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2353807	(11) EP2388407	(11) EP2430132
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2357263	(11) EP2390121	(11) EP2430150
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2368449	(11) EP2390198	(11) EP2430300
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2368859	(11) EP2390543	(11) EP2430490
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2373751	(11) EP2391042	(11) EP2431183
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2374973	(11) EP2392614	(11) EP2431184
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2384632	(11) EP2399620	(11) EP2432311
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2384729	(11) EP2399933	(11) EP2432331
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2384793	(11) EP2402044	(11) EP2432504
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2384959	(11) EP2406975	(11) EP2432536
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2384984	(11) EP2408085	(11) EP2432642
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2385043	(11) EP2418557	(11) EP2432789
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2385681	(11) EP2420724	(11) EP2432790
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2432859	(11) EP2443296	(11) EP2528048
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2433622	(11) EP2446869	(11) EP2530174
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2433637	(11) EP2448199	(11) EP2530923
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2434874	(11) EP2454345	(11) EP2532513
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2434897	(11) EP2465424	(11) EP2532712
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2434898	(11) EP2476785	(11) EP2533023
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2434964	(11) EP2478183	(11) EP2533437
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2434989	(11) EP2486191	(11) EP2533941
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2434990	(11) EP2514480	(11) EP2540158
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2434991	(11) EP2516761	(11) EP2540431
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2435156	(11) EP2517755	(11) EP2551397
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2435554	(11) EP2520429	(11) EP2561816
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2435676	(11) EP2522474	(11) EP2566382
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2435829	(11) EP2522600	(11) EP2566505
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2435956	(11) EP2522607	(11) EP2566591
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2436152	(11) EP2522765	(11) EP2566953
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2436790	(11) EP2522796	(11) EP2567081
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2437895	(11) EP2525016	(11) EP2567510
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2438502	(11) EP2525250	(11) EP2567760
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2438692	(11) EP2527507	(11) EP2568854
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2438892	(11) EP2527661	(11) EP2569275
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2440455	(11) EP2527792	(11) EP2569430
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2569549	(11) EP2577124	(11) EP2633347
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2569733	(11) EP2577260	(11) EP2638045
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2569969	(11) EP2577852	(11) EP2638899
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2569998	(11) EP2578018	(11) EP2639228
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2571455	(11) EP2578143	(11) EP2645798
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2571503	(11) EP2578377	(11) EP2646010
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2571751	(11) EP2578488	(11) EP2648397
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2571878	(11) EP2579817	(11) EP2660620
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2571931	(11) EP2580026	(11) EP2660843
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2572030	(11) EP2580174	(11) EP2661064
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2572106	(11) EP2580900	(11) EP2661074
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2573747	(11) EP2583067	(11) EP2662386
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2573748	(11) EP2583943	(11) EP2662759
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2573750	(11) EP2585457	(11) EP2662831
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2574501	(11) EP2590966	(11) EP2664650
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2575558	(11) EP2592775	(11) EP2664920
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2575561	(11) EP2595325	(11) EP2665187
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2575717	(11) EP2598457	(11) EP2665257
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2576465	(11) EP2601642	(11) EP2666228
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2576605	(11) EP2604013	(11) EP2666967
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2576862	(11) EP2614621	(11) EP2667162
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2576909	(11) EP2625877	(11) EP2669635
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2669759	(11) EP2706677	(11) EP2714621
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2670116	(11) EP2706954	(11) EP2714652
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2670132	(11) EP2707115	(11) EP2714718
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2670945	(11) EP2707312	(11) EP2714770
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2673223	(11) EP2707368	(11) EP2714902
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2673799	(11) EP2707477	(11) EP2714940
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2676818	(11) EP2707629	(11) EP2715335
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2678776	(11) EP2707993	(11) EP2715450
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2679991	(11) EP2708735	(11) EP2716159
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2684696	(11) EP2709406	(11) EP2716766
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2685092	(11) EP2709470	(11) EP2720782
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2687169	(11) EP2709958	(11) EP2724344
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2688456	(11) EP2710013	(11) EP2727263
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2688477	(11) EP2710016	(11) EP2729021
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2691019	(11) EP2710026	(11) EP2729277
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2694351	(11) EP2710321	(11) EP2735084
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2700140	(11) EP2710703	(11) EP2750778
(00) 20.05.2022	(00) 01.06.2022	(00) 31.08.2022
(00) European Patent got Revoked	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2704713	(11) EP2712296	(11) EP2754690
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2705029	(11) EP2713788	(11) EP2756921
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2705119	(11) EP2713921	(11) EP2770756
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2705281	(11) EP2714372	(11) EP2772224
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2705444	(11) EP2714580	(11) EP2776216
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2783900	(11) EP2813938	(11) EP2849862
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2784866	(11) EP2815168	(11) EP2850156
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2795289	(11) EP2816020	(11) EP2850186
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2797208	(11) EP2816329	(11) EP2850244
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2800200	(11) EP2816757	(11) EP2850507
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2800467	(11) EP2819904	(11) EP2850668
(00) 10.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) European Patent got Revoked	(00) EPV lapsed	(00) EPV lapsed
(11) EP2801478	(11) EP2821652	(11) EP2850746
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2801740	(11) EP2824488	(11) EP2850806
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2801905	(11) EP2824856	(11) EP2850883
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2802089	(11) EP2825416	(11) EP2850886
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2803258	(11) EP2825896	(11) EP2852558
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2803391	(11) EP2826358	(11) EP2852570
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2804331	(11) EP2826921	(11) EP2852635
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2805721	(11) EP2834958	(11) EP2852669
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2805847	(11) EP2836460	(11) EP2853044
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2806339	(11) EP2839328	(11) EP2853125
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2808088	(11) EP2844647	(11) EP2853126
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2808167	(11) EP2844721	(11) EP2853618
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2808262	(11) EP2845298	(11) EP2854794
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2808289	(11) EP2845323	(11) EP2854890
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2808601	(11) EP2846680	(11) EP2854981
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2812360	(11) EP2847891	(11) EP2855078
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2855290	(11) EP2883341	(11) EP2942390
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2855380	(11) EP2889015	(11) EP2942702
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2855452	(11) EP2892225	(11) EP2942705
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2855711	(11) EP2900459	(11) EP2942944
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2855786	(11) EP2902030	(11) EP2943876
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2856157	(11) EP2903952	(11) EP2944197
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2856296	(11) EP2905121	(11) EP2944478
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2856628	(11) EP2905765	(11) EP2944537
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2858383	(11) EP2906196	(11) EP2945045
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2858871	(11) EP2907963	(11) EP2947213
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2859095	(11) EP2911716	(11) EP2947299
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2860600	(11) EP2914720	(11) EP2947364
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2860951	(11) EP2920636	(11) EP2947456
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2861546	(11) EP2922701	(11) EP2947556
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2863886	(11) EP2925232	(11) EP2948336
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2864405	(11) EP2928972	(11) EP2948423
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2865982	(11) EP2930559	(11) EP2949208
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2870973	(11) EP2931351	(11) EP2950324
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2874577	(11) EP2933712	(11) EP2951740
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2878325	(11) EP2937276	(11) EP2953341
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP2879341	(11) EP2938044	(11) EP2955031
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2883030	(11) EP2941379	(11) EP2956294
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2962582	(11) EP2992098	(11) EP3003249
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2963545	(11) EP2992169	(11) EP3003315
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2963623	(11) EP2993334	(11) EP3003356
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2964153	(11) EP2993872	(11) EP3003419
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2965939	(11) EP2993998	(11) EP3003575
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2965982	(11) EP2994678	(11) EP3003653
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2966671	(11) EP2994823	(11) EP3003670
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2967571	(11) EP2996586	(11) EP3003741
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2973105	(11) EP2996674	(11) EP3003754
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2975480	(11) EP2997011	(11) EP3003816
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2976687	(11) EP2997019	(11) EP3003843
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2977385	(11) EP2997144	(11) EP3004090
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2978375	(11) EP2997334	(11) EP3004468
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP2981300	(11) EP2997764	(11) EP3004960
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2982903	(11) EP2998509	(11) EP3004962
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP2984032	(11) EP2998612	(11) EP3005127
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2991068	(11) EP2999533	(11) EP3005199
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2991288	(11) EP2999644	(11) EP3005215
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP2991494	(11) EP3000266	(11) EP3005612
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2992000	(11) EP3000270	(11) EP3005716
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2992048	(11) EP3000804	(11) EP3005776
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP2992076	(11) EP3001855	(11) EP3006687
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3007002	(11) EP3029474	(11) EP3068591
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3007565	(11) EP3031570	(11) EP3069808
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3007803	(11) EP3034012	(11) EP3079273
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3007865	(11) EP3034038	(11) EP3081126
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3008728	(11) EP3035080	(11) EP3084934
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3008968	(11) EP3040088	(11) EP3086154
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3009645	(11) EP3042371	(11) EP3088384
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3015189	(11) EP3042553	(11) EP3089450
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3015564	(11) EP3044481	(11) EP3090809
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3017767	(11) EP3045115	(11) EP3091305
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3019073	(11) EP3045567	(11) EP3092439
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3019092	(11) EP3049168	(11) EP3092926
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3019102	(11) EP3051530	(11) EP3093255
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3019141	(11) EP3054272	(11) EP3093732
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3019289	(11) EP3056015	(11) EP3095204
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3022455	(11) EP3056849	(11) EP3095497
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3023180	(11) EP3057936	(11) EP3095750
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3024843	(11) EP3061355	(11) EP3097959
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3025734	(11) EP3061356	(11) EP3098203
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3026647	(11) EP3061357	(11) EP3098369
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3026910	(11) EP3063963	(11) EP3098694
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3027232	(11) EP3068014	(11) EP3098933
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3098957	(11) EP3137563	(11) EP3146674
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3100367	(11) EP3139119	(11) EP3148201
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3100648	(11) EP3139856	(11) EP3148633
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3101791	(11) EP3140227	(11) EP3148642
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3104199	(11) EP3140914	(11) EP3148809
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3104347	(11) EP3141145	(11) EP3148838
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3104400	(11) EP3142226	(11) EP3148908
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3104444	(11) EP3142810	(11) EP3148916
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3106017	(11) EP3142821	(11) EP3149001
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3109094	(11) EP3142891	(11) EP3149172
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3109761	(11) EP3143019	(11) EP3149216
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3111286	(11) EP3143241	(11) EP3149273
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3113401	(11) EP3143436	(11) EP3149409
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3118433	(11) EP3143837	(11) EP3149778
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3121164	(11) EP3144052	(11) EP3150803
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3122369	(11) EP3145435	(11) EP3150993
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3124015	(11) EP3145480	(11) EP3150994
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3128105	(11) EP3145839	(11) EP3151587
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3129621	(11) EP3146147	(11) EP3151954
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3131170	(11) EP3146266	(11) EP3155318
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3135318	(11) EP3146367	(11) EP3155358
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3136440	(11) EP3146393	(11) EP3155485
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3156744	(11) EP3171536	(11) EP3200566
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3156913	(11) EP3172539	(11) EP3200961
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3156997	(11) EP3172887	(11) EP3203141
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3157716	(11) EP3172894	(11) EP3206042
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3158293	(11) EP3173770	(11) EP3207020
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3158411	(11) EP3174592	(11) EP3207111
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3158412	(11) EP3175514	(11) EP3207696
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3160315	(11) EP3175601	(11) EP3207835
(00) 01.06.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3160371	(11) EP3175693	(11) EP3208649
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3160651	(11) EP3177498	(11) EP3213622
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3160692	(11) EP3178485	(11) EP3214493
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3160915	(11) EP3178766	(11) EP3220218
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3164859	(11) EP3183156	(11) EP3220895
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3166100	(11) EP3183931	(11) EP3226405
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3166546	(11) EP3187272	(11) EP3228602
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3167226	(11) EP3190052	(11) EP3229284
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3167351	(11) EP3190896	(11) EP3231937
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3167429	(11) EP3191631	(11) EP3232757
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3168648	(11) EP3192993	(11) EP3234253
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3169209	(11) EP3197724	(11) EP3234570
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3169425	(11) EP3198504	(11) EP3234861
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3170575	(11) EP3199101	(11) EP3236011
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3236811	(11) EP3246129	(11) EP3260484
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3237062	(11) EP3246280	(11) EP3262774
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3238812	(11) EP3246452	(11) EP3266950
(00) 01.06.2022	(00) 14.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) European Patent got Revoked	(00) EPV Ceased Effect
(11) EP3238970	(11) EP3246776	(11) EP3267416
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3239202	(11) EP3246804	(11) EP3268037
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3240560	(11) EP3247416	(11) EP3269022
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3241304	(11) EP3247734	(11) EP3269318
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3241718	(11) EP3248459	(11) EP3269605
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3241904	(11) EP3248910	(11) EP3270070
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3241946	(11) EP3249888	(11) EP3270396
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3243413	(11) EP3251640	(11) EP3271398
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3243510	(11) EP3251739	(11) EP3271423
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3243592	(11) EP3252375	(11) EP3273013
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3243760	(11) EP3252547	(11) EP3274722
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3243777	(11) EP3252679	(11) EP3277194
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3243778	(11) EP3252916	(11) EP3278525
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3243997	(11) EP3254838	(11) EP3279235
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3244844	(11) EP3254896	(11) EP3279586
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3245261	(11) EP3256453	(11) EP3280933
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3245907	(11) EP3257602	(11) EP3281007
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3245957	(11) EP3257871	(11) EP3282148
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3245972	(11) EP3259752	(11) EP3283658
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022

(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3284906	(11) EP3295311	(11) EP3304249
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3285721	(11) EP3295523	(11) EP3304394
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3285827	(11) EP3295732	(11) EP3305003
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3287080	(11) EP3296385	(11) EP3306426
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3287497	(11) EP3297076	(11) EP3306489
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3287607	(11) EP3297754	(11) EP3306692
(00) 01.06.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV lapsed
(11) EP3288196	(11) EP3297796	(11) EP3307082
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3288743	(11) EP3297995	(11) EP3308891
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3288905	(11) EP3298083	(11) EP3309607
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3290487	(11) EP3298086	(11) EP3310165
(00) 31.08.2022	(00) 01.06.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV lapsed
(11) EP3291003	(11) EP3298240	(11) EP3311545
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3291737	(11) EP3298743	(11) EP3319177
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3291786	(11) EP3301372	(11) EP3320334
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3291960	(11) EP3301731	(11) EP3320381
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3292097	(11) EP3302082	(11) EP3320548
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3292368	(11) EP3302573	(11) EP3322360
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3292559	(11) EP3303464	(11) EP3322540
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3292723	(11) EP3303966	(11) EP3323458
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3294387	(11) EP3304078	(11) EP3325091
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3294670	(11) EP3304086	(11) EP3325838
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3294838	(11) EP3304124	(11) EP3325929
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3294983	(11) EP3304240	(11) EP3326037
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3326273	(11) EP3346300	(11) EP3362219
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3326274	(11) EP3346864	(11) EP3363396
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3326792	(11) EP3347149	(11) EP3363567
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3328158	(11) EP3347459	(11) EP3364287
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3328375	(11) EP3348781	(11) EP3364462
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3329150	(11) EP3349209	(11) EP3365940
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3329772	(11) EP3349840	(11) EP3367276
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3329989	(11) EP3350044	(11) EP3367961
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3330035	(11) EP3350906	(11) EP3369277
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3330226	(11) EP3354039	(11) EP3371228
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3330285	(11) EP3356617	(11) EP3371695
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3332640	(11) EP3356869	(11) EP3371923
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3333891	(11) EP3358746	(11) EP3372574
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3334144	(11) EP3359374	(11) EP3373570
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3335713	(11) EP3359857	(11) EP3373857
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3335977	(11) EP3360882	(11) EP3373890
(00) 01.12.2022	(00) 01.06.2022	(00) 31.08.2022
(00) European Patent got Revoked	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3336818	(11) EP3361322	(11) EP3373891
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3336945	(11) EP3361389	(11) EP3375301
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3337534	(11) EP3361450	(11) EP3375431
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3338016	(11) EP3361530	(11) EP3376279
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3342441	(11) EP3361747	(11) EP3376719
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3345000	(11) EP3361807	(11) EP3377492
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3378723	(11) EP3401788	(11) EP3414539
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3379720	(11) EP3403634	(11) EP3415272
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3383598	(11) EP3403813	(11) EP3415715
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3385805	(11) EP3403887	(11) EP3416361
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3386475	(11) EP3404290	(11) EP3416375
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3387820	(11) EP3404435	(11) EP3417221
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3389559	(11) EP3404709	(11) EP3417361
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3389939	(11) EP3404772	(11) EP3417827
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3390673	(11) EP3405014	(11) EP3419482
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3391710	(11) EP3405086	(11) EP3419676
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3392650	(11) EP3406021	(11) EP3421875
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3392981	(11) EP3406414	(11) EP3421995
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3393058	(11) EP3406971	(11) EP3422029
(00) 29.01.2020	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3393530	(11) EP3407666	(11) EP3423675
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3393900	(11) EP3409636	(11) EP3423797
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3397866	(11) EP3409691	(11) EP3424163
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3399667	(11) EP3410332	(11) EP3424293
(00) 29.01.2020	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3400327	(11) EP3410549	(11) EP3424631
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3400580	(11) EP3410588	(11) EP3424635
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3401023	(11) EP3411195	(11) EP3424873
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3401675	(11) EP3412299	(11) EP3425151
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3401787	(11) EP3413304	(11) EP3425165
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3425840	(11) EP3433599	(11) EP3444911
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3425893	(11) EP3433942	(11) EP3444929
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3426423	(11) EP3434344	(11) EP3445029
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3426597	(11) EP3436124	(11) EP3445685
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3427816	(11) EP3436207	(11) EP3446481
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3428148	(11) EP3436240	(11) EP3446647
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3428555	(11) EP3436497	(11) EP3447940
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3430105	(11) EP3438417	(11) EP3448164
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3430605	(11) EP3438518	(11) EP3448203
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3430700	(11) EP3438779	(11) EP3449157
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3431217	(11) EP3439163	(11) EP3449783
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3431255	(11) EP3439557	(11) EP3449943
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3431363	(11) EP3440661	(11) EP3450359
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3431390	(11) EP3440875	(11) EP3451497
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3431421	(11) EP3440916	(11) EP3451779
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3431751	(11) EP3442448	(11) EP3451855
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3431752	(11) EP3442662	(11) EP3451873
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3431878	(11) EP3443217	(11) EP3452609
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3432013	(11) EP3444028	(11) EP3452868
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
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(11) EP3432165	(11) EP3444082	(11) EP3453165
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3432530	(11) EP3444349	(11) EP3453303
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3433326	(11) EP3444564	(11) EP3453781
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3454066	(11) EP3464776	(11) EP3481616
(00) 31.08.2022	(00) 01.06.2022	(00) 31.08.2022
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(11) EP3455043	(11) EP3464934	(11) EP3481737
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3455127	(11) EP3465375	(11) EP3482344
(00) 01.06.2022	(00) 01.06.2022	(00) 31.08.2022
(00) EPV lapsed	(00) EPV lapsed	(00) EPV Ceased Effect
(11) EP3455921	(11) EP3469143	(11) EP3483096
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3456109	(11) EP3469151	(11) EP3483520
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(11) EP3456160	(11) EP3469403	(11) EP3484715
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(11) EP3456233	(11) EP3469561	(11) EP3485088
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3456236	(11) EP3469685	(11) EP3485473
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3456430	(11) EP3470260	(11) EP3485540
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3459754	(11) EP3470663	(11) EP3485635
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(11) EP3459802	(11) EP3472313	(11) EP3486179
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(11) EP3460203	(11) EP3472558	(11) EP3486897
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3460482	(11) EP3472631	(11) EP3488139
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(11) EP3461523	(11) EP3475648	(11) EP3488174
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(11) EP3462311	(11) EP3476157	(11) EP3489216
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(11) EP3463125	(11) EP3477925	(11) EP3490005
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(11) EP3463360	(11) EP3478367	(11) EP3490732
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(11) EP3463488	(11) EP3478555	(11) EP3490752
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(11) EP3463809	(11) EP3478789	(11) EP3490941
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(11) EP3464132	(11) EP3479611	(11) EP3491170
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(11) EP3464438	(11) EP3480371	(11) EP3492293
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(11) EP3464762	(11) EP3481204	(11) EP3492939
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(11) EP3494774	(11) EP3512397	(11) EP3525275
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(11) EP3495601	(11) EP3514004	(11) EP3525516
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(11) EP3495690	(11) EP3514076	(11) EP3526353
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(11) EP3495750	(11) EP3514250	(11) EP3526889
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(11) EP3497030	(11) EP3516229	(11) EP3527123
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(11) EP3497046	(11) EP3516420	(11) EP3528031
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(11) EP3497146	(11) EP3517385	(11) EP3528107
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(11) EP3499051	(11) EP3518833	(11) EP3528503
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3500196	(11) EP3519065	(11) EP3528626
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(11) EP3500425	(11) EP3519108	(11) EP3528917
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3502872	(11) EP3519274	(11) EP3529965
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3503170	(11) EP3519422	(11) EP3530183
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3505863	(11) EP3520384	(11) EP3530313
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3507974	(11) EP3521338	(11) EP3531761
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
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(11) EP3508583	(11) EP3522275	(11) EP3531792
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3510604	(11) EP3522442	(11) EP3531814
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3510863	(11) EP3523554	(11) EP3532743
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(11) EP3534998	(11) EP3546044	(11) EP3561009
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(11) EP3535363	(11) EP3546543	(11) EP3561313
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(11) EP3535375	(11) EP3546854	(11) EP3561381
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(11) EP3536094	(11) EP3547342	(11) EP3561407
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3536329	(11) EP3547756	(11) EP3561940
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3536478	(11) EP3548142	(11) EP3561954
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(11) EP3537159	(11) EP3548594	(11) EP3561966
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(11) EP3537217	(11) EP3549280	(11) EP3562653
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(11) EP3539048	(11) EP3549283	(11) EP3563179
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(11) EP3539256	(11) EP3550698	(11) EP3563588
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(11) EP3539723	(11) EP3552517	(11) EP3563903
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3540625	(11) EP3552962	(11) EP3563957
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3540771	(11) EP3553325	(11) EP3564089
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3540844	(11) EP3555866	(11) EP3564191
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3540861	(11) EP3557336	(11) EP3564951
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3541595	(11) EP3557911	(11) EP3566857
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3542102	(11) EP3559185	(11) EP3568238
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(11) EP3543530	(11) EP3559237	(11) EP3569106
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(11) EP3544761	(11) EP3559402	(11) EP3569336
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(11) EP3544773	(11) EP3559806	(11) EP3569673
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(11) EP3545319	(11) EP3560051	(11) EP3569786
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(11) EP3545659	(11) EP3560840	(11) EP3570505
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

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(11) EP3570770	(11) EP3579334	(11) EP3587608
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3571101	(11) EP3579515	(11) EP3587747
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3571141	(11) EP3579912	(11) EP3588109
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3571170	(11) EP3581810	(11) EP3588281
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3572318	(11) EP3582141	(11) EP3588311
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV lapsed
(11) EP3572532	(11) EP3582199	(11) EP3588672
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3572747	(11) EP3582565	(11) EP3589919
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3573135	(11) EP3582899	(11) EP3590194
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3574032	(11) EP3583136	(11) EP3590484
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3574550	(11) EP3583169	(11) EP3590668
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3575199	(11) EP3583401	(11) EP3590683
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3575620	(11) EP3583402	(11) EP3590718
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(11) EP3575849	(11) EP3584061	(11) EP3590875
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3575869	(11) EP3584160	(11) EP3591233
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3576487	(11) EP3584176	(11) EP3591711
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3576944	(11) EP3584441	(11) EP3591808
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3577484	(11) EP3585119	(11) EP3592613
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(11) EP3578118	(11) EP3585571	(11) EP3592945
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(11) EP3578189	(11) EP3585868	(11) EP3593416
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(11) EP3578622	(11) EP3586981	(11) EP3593619
(00) 01.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3578863	(11) EP3586996	(11) EP3593628
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3578962	(11) EP3587030	(11) EP3593695
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(11) EP3593731	(11) EP3605402	(11) EP3614698
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(11) EP3593767	(11) EP3606059	(11) EP3614699
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(11) EP3593963	(11) EP3606299	(11) EP3616190
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(11) EP3594800	(11) EP3606318	(11) EP3616372
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(11) EP3594928	(11) EP3606327	(11) EP3617715
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(11) EP3595908	(11) EP3606833	(11) EP3618216
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(11) EP3597264	(11) EP3606948	(11) EP3618993
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
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(11) EP3598467	(11) EP3607105	(11) EP3618994
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
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(11) EP3598561	(11) EP3607964	(11) EP3619190
(00) 31.08.2022	(00) 31.08.2022	(00) 01.06.2022
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(11) EP3598578	(11) EP3608522	(11) EP3619538
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(11) EP3599433	(11) EP3609022	(11) EP3620376
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(11) EP3599664	(11) EP3609035	(11) EP3620750
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(11) EP3600945	(11) EP3609067	(11) EP3622199
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(11) EP3600965	(11) EP3610793	(11) EP3622203
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(11) EP3601401	(11) EP3611027	(11) EP3623176
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(11) EP3601815	(11) EP3611088	(11) EP3623282
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(11) EP3602516	(11) EP3611334	(11) EP3623285
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(11) EP3602910	(11) EP3611566	(11) EP3623294
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(11) EP3603860	(11) EP3611768	(11) EP3623496
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(11) EP3604391	(11) EP3612912	(11) EP3623542
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(11) EP3604572	(11) EP3613987	(11) EP3623973
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(11) EP3604846	(11) EP3614133	(11) EP3624494
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(11) EP3625526	(11) EP3631071	(11) EP3637994
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(11) EP3626610	(11) EP3631523	(11) EP3638553
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(11) EP3627276	(11) EP3631524	(11) EP3638639
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(11) EP3627628	(11) EP3632205	(11) EP3638944
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(11) EP3627647	(11) EP3632354	(11) EP3639474
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(11) EP3629370	(11) EP3633289	(11) EP3640434
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(11) EP3629481	(11) EP3633303	(11) EP3640455
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(11) EP3629551	(11) EP3635763	(11) EP3640621
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(11) EP3629697	(11) EP3636130	(11) EP3640756
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(11) EP3629820	(11) EP3636711	(11) EP3641443
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(11) EP3629963	(11) EP3637118	(11) EP3642207
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(11) EP3630131	(11) EP3637975	(11) EP3643945
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(11) EP3645107	(11) EP3655174	(11) EP3662714
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(11) EP3645976	(11) EP3655446	(11) EP3664187
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(11) EP3646169	(11) EP3655450	(11) EP3664389
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(11) EP3647064	(11) EP3656314	(11) EP3665557
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(11) EP3647292	(11) EP3656630	(11) EP3666482
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(11) EP3647303	(11) EP3656772	(11) EP3667036
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(11) EP3647834	(11) EP3657121	(11) EP3667057
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(11) EP3647881	(11) EP3657337	(11) EP3667615
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(11) EP3648404	(11) EP3657684	(11) EP3669231
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(11) EP3649143	(11) EP3657716	(11) EP3669521
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(11) EP3650827	(11) EP3658203	(11) EP3670084
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(11) EP3653695	(11) EP3660871	(11) EP3671788
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(11) EP3654379	(11) EP3660900	(11) EP3673462
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(11) EP3674663	(11) EP3687799	(11) EP3697161
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(11) EP3675140	(11) EP3688559	(11) EP3697786
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(11) EP3675612	(11) EP3688598	(11) EP3700693
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(11) EP3677166	(11) EP3690313	(11) EP3701466
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(11) EP3678272	(11) EP3691526	(11) EP3703295
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(11) EP3680087	(11) EP3692744	(11) EP3704371
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(11) EP3680122	(11) EP3693150	(11) EP3706447
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(11) EP3681232	(11) EP3694187	(11) EP3708451
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(11) EP3682960	(11) EP3695152	(11) EP3708484
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(11) EP3683123	(11) EP3695998	(11) EP3708807
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(11) EP3686230	(11) EP3696737	(11) EP3708922
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(11) EP3820832	(11) EP3827186	(11) EP3842292
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3821177	(11) EP3827431	(11) EP3844198
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(11) EP3821238	(11) EP3827925	(11) EP3844327
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(11) EP3821356	(11) EP3828458	(11) EP3844372
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3821563	(11) EP3828771	(11) EP3844573
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3822554	(11) EP3828936	(11) EP3845406
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3822731	(11) EP3829244	(11) EP3846755
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3822801	(11) EP3829803	(11) EP3847673
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3823187	(11) EP3830000	(11) EP3847913
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3823357	(11) EP3830440	(11) EP3848267
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3823563	(11) EP3831587	(11) EP3848503
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3823798	(11) EP3833335	(11) EP3849854
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3823869	(11) EP3833950	(11) EP3849871
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3823967	(11) EP3834884	(11) EP3850200
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3824067	(11) EP3835513	(11) EP3850713
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3824249	(11) EP3835794	(11) EP3850772
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3824461	(11) EP3835795	(11) EP3852342
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3824599	(11) EP3836001	(11) EP3852580
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3824698	(11) EP3837568	(11) EP3853159
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3826068	(11) EP3838056	(11) EP3853508
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(11) EP3826517	(11) EP3838918	(11) EP3854136
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3855621	(11) EP3865722	(11) EP3881731
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(11) EP3856456	(11) EP3865761	(11) EP3881904
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(11) EP3856507	(11) EP3866937	(11) EP3881993
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(11) EP3856691	(11) EP3866996	(11) EP3882128
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(11) EP3857090	(11) EP3867563	(11) EP3882474
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(11) EP3857112	(11) EP3867713	(11) EP3882560
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(11) EP3857377	(11) EP3870497	(11) EP3882561
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(11) EP3857525	(11) EP3872281	(11) EP3882800
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(11) EP3857537	(11) EP3873984	(11) EP3882855
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(11) EP3857848	(11) EP3874239	(11) EP3883743
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(11) EP3858159	(11) EP3876341	(11) EP3884646
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(11) EP3858726	(11) EP3876992	(11) EP3885375
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(11) EP3858924	(11) EP3877763	(11) EP3887642
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3859422	(11) EP3878652	(11) EP3887741
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(11) EP3860607	(11) EP3878687	(11) EP3888112
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(11) EP3861080	(11) EP3878691	(11) EP3888981
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(11) EP3861946	(11) EP3878711	(11) EP3889516
(00) 08.06.2022	(00) 31.08.2022	(00) 31.08.2022
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(11) EP3862112	(11) EP3879616	(11) EP3891458
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(11) EP3862139	(11) EP3879928	(11) EP3892382
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(11) EP3862496	(11) EP3880432	(11) EP3892383
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(11) EP3863130	(11) EP3880523	(11) EP3892411
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(11) EP3863194	(11) EP3881405	(11) EP3892552
(00) 31.08.2022	(00) 31.08.2022	(00) 31.08.2022

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(11) EP3892873	(11) EP3918162	(11) EP3965254
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(11) EP3893105	(11) EP3919716	(11) EP3968520
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(11) EP3893796	(11) EP3922498	(11) EP3968836
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(11) EP3893961	(11) EP3928013	(11) EP3983178
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(11) EP3895980	(11) EP3928014	(11) EP3983314
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(11) EP3896894	(11) EP3932020	(11) EP3994040
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(11) EP3897793	(11) EP3932081	(11) EP4003509
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(11) EP3898290	(11) EP3932657	(11) EP4008116
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(11) EP3899169	(11) EP3936201	
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(11) EP3899174	(11) EP3936379	
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(11) EP3900621	(11) EP3936757	
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(11) EP3901082	(11) EP3937352	
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(11) EP3901587	(11) EP3938168	
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(11) EP3903059	(11) EP3940342	
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(11) EP3907953	(11) EP3941641	
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(11) EP3909046	(11) EP3941794	
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(11) EP3910266	(11) EP3942416	
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(11) EP3910355	(11) EP3945726	
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(11) EP3914440	(11) EP3956065	
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(11) EP3914886	(11) EP3958465	
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(11) EP3915832	(11) EP3961907	
(00) 31.08.2022	(00) 31.08.2022	

VRB

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

- (11) 2026902
 - (48) 04.01.2023
 - (00) Ontbrekende Conclusie bijgevoegd
 - (51) A01G 27/02
 - A01G 27/00

 - (11) EP1644625
 - (00) 30.10.2022
 - (00) Proceedings Interruption: Representative
died (Rule 142(1)(c))
 - (51) F02B 37/18
 - F02B 37/22
 - F02B 37/24
-

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Pittway Sàrl	(00) 23.12.2022	(51) G01F 1/66
(73) Pittway Sàrl	(51) F23N 5/20	G01N 29/02
(11) 2010153	F23N 5/24	G01N 29/024
(00) 23.12.2022	(00) Assignment	G01N 29/22
(51) F16K 27/00	(71) Pittway Sàrl	G01N 29/44
F16K 31/44	(73) Pittway Sàrl	(00) Assignment
F24D 19/10	(11) EP1515089	(71) MICRO MOTION, INC.
(00) Assignment	(00) 23.12.2022	(73) MICRO MOTION, INC.
(71) Honeywell Products & Solutions Sàrl	(51) F23N 5/20	(11) EP1913649
(73) Pittway Sàrl	F23N 5/24	(00) 23.12.2022
(11) 2010153	(00) Assignment	(51) G01F 1/66
(00) 23.12.2022	(71) GRIDSPERTISE S.r.l.	(00) Assignment
(51) F16K 27/00	(73) GRIDSPERTISE S.r.l.	(71) Fundex Equipment B.V.
F16K 31/44	(11) EP1607752	(73) Fundex Equipment B.V.
F24D 19/10	(00) 27.12.2022	(11) EP1983112
(00) Assignment	(51) G01R 11/24	(00) 27.12.2022
(71) Honeywell Products & Solutions Sàrl	(00) Assignment	(51) E02D 5/66
(73) Pittway Sàrl	(71) GRIDSPERTISE S.r.l.	(00) Assignment
(11) 2010955	(73) GRIDSPERTISE S.r.l.	(71) Angel Group Co., Ltd.
(00) 23.12.2022	(11) EP1756594	(73) Angel Group Co., Ltd.
(51) G01K 1/16	(00) 27.12.2022	(11) EP1907080
G05D 23/00	(51) G01R 25/00	(00) 23.12.2022
(00) Assignment	G01R 29/18	(51) A63F 1/06
(71) Pittway Sàrl	(00) Assignment	A63F 3/00
(73) Pittway Sàrl	(71) E-DISTRIBUZIONE S.P.A.	(00) Assignment
(11) 2010955	(73) GRIDSPERTISE S.r.l.	(71) GRIDSPERTISE S.r.l.
(00) 23.12.2022	(11) EP1756594	(73) GRIDSPERTISE S.r.l.
(51) G01K 1/16	(00) 27.12.2022	(11) EP2165578
G05D 23/00	(51) G01R 25/00	(00) 27.12.2022
(00) Assignment	G01R 29/18	(51) H05B 37/03
(71) Thermologistics IP B.V.	(00) Change of owner(s) name	(00) Assignment
(73) Thermologistics IP B.V.	(71) Pittway Sàrl	(71) Pittway Sàrl
(11) 2015061	(73) Pittway Sàrl	(73) Pittway Sàrl
(00) 29.12.2022	(11) EP1582747	(11) EP2085668
(51) B65D 81/38	(00) 23.12.2022	(00) 23.12.2022
F25D 3/08	(51) F04D 15/02	(51) F16K 1/12
(00) Change of owner(s) name	F24D 19/10	F16K 1/36
(71) GRIDSPERTISE S.r.l.	(00) Assignment	(00) Assignment
(73) GRIDSPERTISE S.r.l.	(71) Honeywell Products & Solutions Sàrl	(71) Honeywell Products & Solutions Sàrl
(11) EP1614203	(73) Pittway Sàrl	(73) Pittway Sàrl
(00) 27.12.2022	(11) EP1582747	(11) EP2085668
(51) H02H 3/093	(00) 23.12.2022	(00) 23.12.2022
H02J 13/00	(51) F04D 15/02	(51) F16K 1/12
(00) Assignment	F24D 19/10	F16K 1/36
(71) E-DISTRIBUZIONE S.P.A.	(00) Assignment	(00) Assignment
(73) GRIDSPERTISE S.r.l.	(71) E-DISTRIBUZIONE S.P.A.	(71) Honeywell Products & Solutions Sàrl
(11) EP1614203	(73) GRIDSPERTISE S.r.l.	(73) Pittway Sàrl
(00) 27.12.2022	(11) EP1779126	(11) EP2144132
(51) H02H 3/093	(00) 27.12.2022	(00) 23.12.2022
H02J 13/00	(51) G01R 29/18	(51) G05D 7/03
(00) Change of owner(s) name	(00) Change of owner(s) name	G05D 16/18
(71) E-DISTRIBUZIONE S.P.A.	(71) GRIDSPERTISE S.r.l.	(00) Assignment
(73) GRIDSPERTISE S.r.l.	(73) GRIDSPERTISE S.r.l.	(71) MICRO MOTION, INC.
(11) EP1614203	(11) EP1779126	(73) MICRO MOTION, INC.
(00) 27.12.2022	(00) 27.12.2022	(11) EP2203721
(51) H02H 3/093	(51) G01R 29/18	(00) 23.12.2022
H02J 13/00	(00) Assignment	(51) G01F 1/66
(00) Change of owner(s) name	(71) MICRO MOTION, INC.	(00) Assignment
(71) Honeywell Products & Solutions Sàrl	(73) MICRO MOTION, INC.	(71) Pittway Sàrl
(73) Pittway Sàrl	(11) EP1886131	(73) Pittway Sàrl
(11) EP1515089	(00) 23.12.2022	(11) EP2194301

(00) 23.12.2022	(71) E-DISTRIBUZIONE S.P.A.	(11) EP2664554
(51) F16K 31/06	(73) GRIDSPERTISE S.r.l.	(00) 23.12.2022
(00) Assignment	(11) EP2415138	(51) B65B 41/16
(71) E-DISTRIBUZIONE S.P.A.	(00) 27.12.2022	B65B 51/30
(73) GRIDSPERTISE S.r.l.	(51) H02H 3/06	B65B 57/04
(11) EP2165578	H02H 3/17	B65B 9/20
(00) 27.12.2022	H02H 3/40	B65B 9/213
(51) H05B 37/03	H02H 7/00	(00) Assignment
(00) Change of owner(s) name	(00) Change of owner(s) name	(71) PL BioScience GmbH
(71) GRIDSPERTISE S.r.l.	(71) Radius#Kelit Infrastructure Gesellschaft	(73) PL BioScience GmbH
(73) GRIDSPERTISE S.r.l.	m.b.H.	(11) EP2723850
(11) EP2415138	(73) Radius#Kelit Infrastructure Gesellschaft	(00) 30.12.2022
(00) 27.12.2022	m.b.H.	(51) C12N 5/00
(51) H02H 3/06	(11) EP2574833	(00) Assignment
H02H 3/17	(00) 21.12.2022	(71) Radius#Kelit Infrastructure Gesellschaft
H02H 3/40	(51) B32B 1/08	m.b.H.
H02H 7/00	B32B 5/02	(73) Radius#Kelit Infrastructure Gesellschaft
(00) Assignment	B32B 7/12	m.b.H.
(71) Honeywell Products & Solutions Sàrl	B32B 27/12	(11) EP2749804
(73) Pittway Sàrl	B32B 27/32	(00) 21.12.2022
(11) EP2283263	F16L 9/12	(51) F16L 33/207
(00) 23.12.2022	F16L 11/04	(00) Assignment
(51) F16K 27/02	F16L 11/08	(71) G-NIUS Holding & Investment AG
(00) Assignment	F16L 11/10	(73) G-NIUS Holding & Investment AG
(71) MICRO MOTION, INC.	F24D 3/00	(11) EP2640637
(73) MICRO MOTION, INC.	F24D 10/00	(00) 29.12.2022
(11) EP2310808	(00) Assignment	(51) B64D 10/00
(00) 23.12.2022	(71) E-DISTRIBUZIONE S.P.A.	(00) Assignment
(51) G01F 1/66	(73) GRIDSPERTISE S.r.l.	(71) E-DISTRIBUZIONE S.P.A.
G01F 1/60	(11) EP2625794	(73) GRIDSPERTISE S.r.l.
(00) Assignment	(00) 27.12.2022	(11) EP2085749
(71) Pittway Sàrl	(51) H04B 3/54	(00) 27.12.2022
(73) Pittway Sàrl	(00) Change of owner(s) name	(51) G01D 4/00
(11) EP2144132	(71) GRIDSPERTISE S.r.l.	H04B 1/38
(00) 23.12.2022	(73) GRIDSPERTISE S.r.l.	(00) Change of owner(s) name
(51) G05D 7/03	(11) EP2625794	(71) ULMA Packaging, S.Coop.
G05D 16/18	(00) 27.12.2022	(73) ULMA Packaging, S.Coop.
(00) Assignment	(51) H04B 3/54	(11) EP2907760
(71) Honeywell Products & Solutions Sàrl	(00) Assignment	(00) 23.12.2022
(73) Pittway Sàrl	(71) ULMA Packaging, S.Coop.	(51) B65B 31/02
(11) EP2194301	(73) ULMA Packaging, S.Coop.	B65B 31/04
(00) 23.12.2022	(11) 2015936	B65B 51/30
(51) F16K 31/06	(00) 23.12.2022	B65B 9/20
(00) Assignment	(51) B65B 9/20	(00) Assignment
(71) MICRO MOTION, INC.	B65B 9/22	(71) MICRO MOTION, INC.
(73) MICRO MOTION, INC.	B65B 51/26	(73) MICRO MOTION, INC.
(11) EP2247884	B65B 59/04	(11) EP2694926
(00) 23.12.2022	(00) Assignment	(00) 23.12.2022
(51) F16L 23/032	(71) MICRO MOTION, INC.	(51) G01F 1/66
F16L 23/036	(73) MICRO MOTION, INC.	G01F 15/00
F16L 23/16	(11) EP2521897	G01F 15/14
F16L 23/18	(00) 23.12.2022	G01F 15/18
(00) Assignment	(51) B06B 1/06	(00) Assignment
(71) ULMA Packaging, S.Coop.	G01F 1/66	(71) MICRO MOTION, INC.
(73) ULMA Packaging, S.Coop.	H01L 41/053	(73) MICRO MOTION, INC.
(11) EP2604536	H01L 41/113	(11) EP1916946
(00) 23.12.2022	H04R 17/00	(00) 23.12.2022
(51) B65B 31/06	(00) Assignment	(51) A61B 8/00
B65B 51/30	(71) ABB Schweiz AG	G01F 1/66
B65B 9/073	(73) ABB Schweiz AG	(00) Assignment
(00) Assignment	(11) 2016312	(71) MICRO MOTION, INC.
(71) Pittway Sàrl	(00) 23.12.2022	(73) MICRO MOTION, INC.
(73) Pittway Sàrl	(51) H02G 3/08	(11) EP1913648
(11) EP2283263	H02G 3/12	(00) 23.12.2022
(00) 23.12.2022	(00) Merge	(51) G01F 1/66
(51) F16K 27/02	(71) ULMA Packaging, S.Coop.	H01L 41/053
(00) Assignment	(73) ULMA Packaging, S.Coop.	(00) Assignment

(71) MICRO MOTION, INC.	(71) GRIDSPERTISE S.r.l.	H04M 11/00
(73) MICRO MOTION, INC.	(73) GRIDSPERTISE S.r.l.	H04Q 9/00
(11) EP2324328	(11) EP2085749	(00) Assignment
(00) 23.12.2022	(00) 27.12.2022	(71) GRIDSPERTISE S.r.l.
(51) G01F 1/66	(51) G01D 4/00	(73) GRIDSPERTISE S.r.l.
G01F 1/74	H04B 1/38	(11) EP1654861
(00) Assignment	(00) Assignment	(00) 27.12.2022
(71) MICRO MOTION, INC.	(71) ULMA Packaging, S.Coop.	(51) H04B 3/54
(73) MICRO MOTION, INC.	(73) ULMA Packaging, S.Coop.	H04M 11/00
(11) EP2310809	(11) EP3115302	H04Q 9/00
(00) 23.12.2022	(00) 23.12.2022	(00) Assignment
(51) G01F 1/66	(51) B65B 31/02	(71) Thermologistics IP B.V.
G01N 29/02	B65B 51/14	(73) Thermologistics IP B.V.
H04R 17/00	B65B 51/30	(11) EP3112289
(00) Assignment	B65B 61/06	(00) 29.12.2022
(71) Telecom Italia S.p.A.	B65B 61/08	(51) B65D 81/38
(73) Telecom Italia S.p.A.	B65B 65/00	F25D 3/08
(11) EP1676338	B65B 9/067	(00) Change of owner(s) name
(00) 29.12.2022	B65B 9/073	(71) ULMA Packaging, S.Coop.
(51) H01Q 3/26	(00) Assignment	(73) ULMA Packaging, S.Coop.
(00) Assignment	(71) MICRO MOTION, INC.	(11) EP3024733
(71) MICRO MOTION, INC.	(73) MICRO MOTION, INC.	(00) 23.12.2022
(73) MICRO MOTION, INC.	(11) EP2418464	(51) B65B 11/52
(11) EP2245432	(00) 23.12.2022	B65B 7/16
(00) 23.12.2022	(51) G01F 1/66	B65B 5/02
(51) G01F 1/66	(00) Assignment	B65B 9/04
G01H 5/00	(71) MICRO MOTION, INC.	B65B 31/02
G01P 5/00	(73) MICRO MOTION, INC.	B65B 31/04
(00) Assignment	(11) EP2521899	B65B 47/04
(71) Fundex Equipment B.V.	(00) 23.12.2022	B65B 47/06
(73) Fundex Equipment B.V.	(51) G01F 1/66	B65B 57/04
(11) 2020381	G01F 15/06	B65B 51/06
(00) 27.12.2022	G01F 15/18	B65B 61/06
(51) E02D 7/24	(00) Assignment	(00) Assignment
(00) Assignment	(71) MICRO MOTION, INC.	(71) GRIDSPERTISE S.r.l.
(71) MICRO MOTION, INC.	(73) MICRO MOTION, INC.	(73) GRIDSPERTISE S.r.l.
(73) MICRO MOTION, INC.	(11) EP2673598	(11) EP2144071
(11) EP2875319	(00) 23.12.2022	(00) 27.12.2022
(00) 23.12.2022	(51) G01F 1/66	(51) G01R 29/18
(51) B23K 9/32	G01F 25/00	(00) Assignment
B23K 37/053	(00) Assignment	(71) MICRO MOTION, INC.
G01F 1/66	(71) Fundex Equipment B.V.	(73) MICRO MOTION, INC.
G01F 15/14	(73) Fundex Equipment B.V.	(11) EP2255283
(00) Assignment	(11) 2021375	(00) 23.12.2022
(71) MICRO MOTION, INC.	(00) 27.12.2022	(51) G01F 1/66
(73) MICRO MOTION, INC.	(51) E02D 3/054	(00) Assignment
(11) EP2153177	E02D 3/08	(71) ULMA Packaging, S.Coop.
(00) 23.12.2022	E02D 5/34	(73) ULMA Packaging, S.Coop.
(51) G01F 1/66	E02D 5/38	(11) 2021319
(00) Assignment	E02D 5/66	(00) 23.12.2022
(71) MICRO MOTION, INC.	E02D 5/72	(51) B65B 9/207
(73) MICRO MOTION, INC.	E21B 10/44	B65B 61/18
(11) EP2550512	E21B 17/22	B29C 65/00
(00) 23.12.2022	(00) Assignment	B65B 51/26
(51) G01F 1/66	(71) Janssen Pharmaceuticals, Inc.	(00) Assignment
G01F 15/08	(73) Janssen Pharmaceuticals, Inc.	(71) Honeywell Products & Solutions Sàrl
G01F 15/12	(11) EP2945651	(73) Pittway Sàrl
G01F 25/00	(00) 23.12.2022	(11) EP2123979
(00) Assignment	(51) A61K 39/395	(00) 23.12.2022
(71) MICRO MOTION, INC.	A61P 31/04	(51) F23K 5/00
(73) MICRO MOTION, INC.	C07K 16/12	F23N 1/00
(11) EP2521896	(00) Assignment	F23N 5/24
(00) 23.12.2022	(71) GRIDSPERTISE S.r.l.	(00) Assignment
(51) G01F 1/66	(73) GRIDSPERTISE S.r.l.	(71) ULMA Packaging, S.Coop.
G01F 15/14	(11) EP2383903	(73) ULMA Packaging, S.Coop.
G01F 15/18	(00) 27.12.2022	(11) EP3424829
(00) Assignment	(51) H04B 3/54	(00) 23.12.2022

(51) B65B 41/16	(51) B23K 9/32	(73) Pittway Sàrl
B65B 51/26	B23K 31/02	(11) EP3477201
B65B 9/20	B23K 37/04	(00) 23.12.2022
(00) Assignment	B23K 37/053	(51) F23N 1/02
(71) ULMA Packaging, S.Coop.	G01F 1/66	F23N 5/02
(73) ULMA Packaging, S.Coop.	G01F 15/14	F23N 5/12
(11) EP3305670	(00) Assignment	F23N 5/24
(00) 23.12.2022	(71) ULMA Packaging, S.Coop.	F24D 3/08
(51) B65B 25/04	(73) ULMA Packaging, S.Coop.	(00) Assignment
B65G 47/64	(11) EP3530575	(71) Pittway Sàrl
(00) Assignment	(00) 23.12.2022	(73) Pittway Sàrl
(71) ULMA Packaging, S.Coop.	(51) B65B 9/20	(11) EP3228936
(73) ULMA Packaging, S.Coop.	(00) Assignment	(00) 23.12.2022
(11) EP3366594	(71) Pittway Sàrl	(51) F23N 1/02
(00) 23.12.2022	(73) Pittway Sàrl	F23N 5/12
(51) B65B 51/14	(11) EP2653215	(00) Assignment
B65B 51/30	(00) 23.12.2022	(71) Zonnevecht Holding B.V.
B65B 61/02	(51) B01F 3/02	(73) Zonnevecht Holding B.V.
B65B 61/06	B01F 5/02	(11) 2026766
B65B 61/12	B01F 5/04	(00) 23.12.2022
B65B 61/18	F23D 14/62	(51) B68C 1/02
B65B 9/20	(00) Assignment	(00) Assignment
B65B 9/213	(71) Honeywell Products & Solutions Sàrl	(71) Moveero Limited
(00) Assignment	(73) Pittway Sàrl	(73) Moveero Limited
(71) ZYMEWORKS BC INC.	(11) EP2653215	(11) EP2872269
(73) ZYMEWORKS BC INC.	(00) 23.12.2022	(00) 27.12.2022
(11) EP2635607	(51) B01F 3/02	(51) B21J 5/08
(00) 23.12.2022	B01F 5/02	B21J 9/08
(51) A61K 39/395	B01F 5/04	B21K 1/38
A61P 35/00	F23D 14/62	(00) Change of owner(s) name
A61P 37/06	(00) Assignment	(71) Pittway Sàrl
C07K 16/00	(71) MICRO MOTION, INC.	(73) Pittway Sàrl
C07K 16/32	(73) MICRO MOTION, INC.	(11) EP2123979
C07K 16/46	(11) EP2893304	(00) 23.12.2022
C12N 15/13	(00) 23.12.2022	(51) F23K 5/00
(00) Change of owner(s) name	(51) G01D 3/036	F23N 1/00
(71) Suez International	G01F 1/66	F23N 5/24
(73) Suez International	G01F 15/02	(00) Assignment
(11) EP3260181	G01K 15/00	(71) ULMA Packaging, S.Coop.
(00) 23.12.2022	(00) Assignment	(73) ULMA Packaging, S.Coop.
(51) B01D 3/06	(71) ZYMEWORKS BC INC.	(11) EP3599452
B01D 3/22	(73) ZYMEWORKS BC INC.	(00) 23.12.2022
C10G 1/10	(11) EP2906237	(51) B65B 1/00
(00) Assignment	(00) 23.12.2022	B65B 31/02
(71) Pittway Sàrl	(51) A61K 39/395	B65B 57/02
(73) Pittway Sàrl	C07K 14/76	G01M 3/02
(11) EP2426413	C07K 16/28	G01M 3/22
(00) 23.12.2022	C07K 16/46	G01M 3/36
(51) F23D 14/62	(00) Change of owner(s) name	B65B 9/20
(00) Assignment	(71) Honeywell Products & Solutions Sàrl	(00) Assignment
(71) Honeywell Products & Solutions Sàrl	(73) Pittway Sàrl	(71) MICRO MOTION, INC.
(73) Pittway Sàrl	(11) EP3477201	(73) MICRO MOTION, INC.
(11) EP2426413	(00) 23.12.2022	(11) EP2588839
(00) 23.12.2022	(51) F23N 1/02	(00) 23.12.2022
(51) F23D 14/62	F23N 5/02	(51) G01F 1/66
(00) Assignment	F23N 5/12	G01F 15/00
(71) MICRO MOTION, INC.	F23N 5/24	G01F 15/14
(73) MICRO MOTION, INC.	F24D 3/08	(00) Assignment
(11) EP2844963	(00) Assignment	(71) Pittway Sàrl
(00) 23.12.2022	(71) Honeywell Products & Solutions Sàrl	(73) Pittway Sàrl
(51) G01F 1/66	(73) Pittway Sàrl	(11) EP3482810
G01F 25/00	(11) EP3228936	(00) 23.12.2022
(00) Assignment	(00) 23.12.2022	(51) B01D 29/15
(71) MICRO MOTION, INC.	(51) F23N 1/02	B01D 29/58
(73) MICRO MOTION, INC.	F23N 5/12	B01D 29/68
(11) EP2874779	(00) Assignment	B01D 29/70
(00) 23.12.2022	(71) Pittway Sàrl	B01D 35/153

B01D 35/16	(11) EP3547851	(73) MICRO MOTION, INC.
(00) Assignment	(00) 30.12.2022	(11) EP2909587
(71) Honeywell Products & Solutions Sàrl	(51) A61K 35/747	(00) 23.12.2022
(73) Pittway Sàrl	A23L 33/135	(51) G01F 1/66
(11) EP3482810	(00) Assignment	G01F 15/00
(00) 23.12.2022	(71) Soundcell Holding B.V.	(00) Assignment
(51) B01D 29/15	(73) Soundcell Holding B.V.	(71) MEDIMMUNE LIMITED
B01D 29/58	(11) 2024356	(73) MEDIMMUNE LIMITED
B01D 29/68	(00) 22.12.2022	(11) EP3094353
B01D 29/70	(51) C12Q 1/02	(00) 22.12.2022
B01D 35/153	G01N 29/00	(51) A61K 39/00
B01D 35/16	G01N 33/543	A61K 39/155
(00) Assignment	(00) Assignment	A61K 39/42
(71) MICRO MOTION, INC.	(71) MICRO MOTION, INC.	C07K 16/10
(73) MICRO MOTION, INC.	(73) MICRO MOTION, INC.	(00) Assignment
(11) EP3329223	(11) EP1642175	(71) AOP Orphan Pharmaceuticals GmbH
(00) 23.12.2022	(00) 23.12.2022	(73) AOP Orphan Pharmaceuticals GmbH
(51) G01D 11/24	(51) G01F 1/66	(11) EP3544598
G01F 1/66	G04F 1/00	(00) 23.12.2022
G01F 15/14	(00) Assignment	(51) A61K 31/05
G01F 15/18	(71) MICRO MOTION, INC.	A61K 31/164
(00) Assignment	(73) MICRO MOTION, INC.	A61K 31/352
(71) ULMA Packaging, S.Coop.	(11) EP2443423	A61K 31/473
(73) ULMA Packaging, S.Coop.	(00) 23.12.2022	A61K 31/5375
(11) EP3569511	(51) G01F 1/66	A61K 31/7068
(00) 23.12.2022	G01F 15/00	A61K 33/24
(51) B29C 51/26	G01F 15/18	A61K 45/06
B29C 65/00	(00) Assignment	A61P 21/00
B29C 65/78	(71) ENEOS Materials Corporation	A61P 43/00
B29C 69/00	(73) ENEOS Materials Corporation	(00) Change of Legal Entity
B65B 7/16	(11) EP3266804	(71) Jiangsu Rainbow Industrial Equipment
B65B 7/28	(00) 30.12.2022	Co., Ltd.
B65B 31/04	(51) C08F 210/00	(73) Jiangsu Rainbow Industrial Equipment
B65B 41/02	C08F 210/06	Co., Ltd.
B65B 41/14	C08F 236/04	(11) EP3016900
B65B 41/18	C08F 236/06	(00) 29.12.2022
B65B 51/14	C08F 236/08	(51) B60L 3/10
B65B 55/20	C08K 3/06	B60L 7/26
B65B 61/06	C08K 3/16	B60L 15/00
(00) Assignment	C08K 3/22	B60L 15/20
(71) Sorrento Therapeutics Inc.	C08K 5/00	B60T 13/58
(73) Sorrento Therapeutics Inc.	C08K 5/09	B60T 13/66
(11) EP3324988	C08L 9/00	B60T 17/22
(00) 23.12.2022	C08L 23/02	B61H 13/00
(51) A61K 9/00	C08L 47/00	B61H 13/34
A61K 9/08	(00) Assignment	B66C 13/30
A61K 39/00	(71) ULMA Packaging, S.Coop.	F16D 66/00
A61K 39/395	(73) ULMA Packaging, S.Coop.	B60L 3/00
A61K 45/06	(11) EP3825240	(00) Assignment
A61K 47/12	(00) 23.12.2022	(71) ULMA Packaging, S.Coop.
A61P 35/00	(51) B65B 9/20	(73) ULMA Packaging, S.Coop.
C07K 16/28	B65B 61/18	(11) EP3718909
A61K 35/763	B65B 51/30	(00) 23.12.2022
A61K 35/768	B65B 57/04	(51) B65B 31/04
(00) Assignment	(00) Assignment	B65B 9/20
(71) ULMA Packaging, S.Coop.	(71) ZYMEWORKS BC INC.	(00) Assignment
(73) ULMA Packaging, S.Coop.	(73) ZYMEWORKS BC INC.	(71) ZYMEWORKS BC INC.
(11) EP3263468	(11) EP2773671	(73) ZYMEWORKS BC INC.
(00) 23.12.2022	(00) 23.12.2022	(11) EP3194421
(51) B65B 41/12	(51) C07K 16/46	(00) 23.12.2022
B65B 41/16	A61K 39/395	(51) C07K 7/02
B65H 19/10	A61P 35/00	A61K 38/05
(00) Assignment	A61P 37/02	A61K 47/50
(71) NUTRACEUTICAL TECHNOLOGY	C07K 16/32	A61P 35/00
PHARMA BIOTECH SRL	G16B 5/00	C07D 207/08
(73) NUTRACEUTICAL TECHNOLOGY	(00) Change of owner(s) name	C07K 5/027
PHARMA BIOTECH SRL	(71) MICRO MOTION, INC.	(00) Change of owner(s) name

(71) ZYMEWORKS BC INC.	(00) 30.12.2022
(73) ZYMEWORKS BC INC.	(51) H04B 7/06
(11) EP3086815	(00) Assignment
(00) 23.12.2022	
(51) C07K 14/445	(71) The Broad Institute, Inc.
A61K 47/50	Massachusetts Institute of Technology
A61P 35/00	President and Fellows of Harvard
C07K 17/00	College
(00) Change of owner(s) name	Rutgers, the State University of New
	Jersey
(71) ULMA Packaging, S.Coop.	Skolkovo Institute Of Science And
(73) ULMA Packaging, S.Coop.	Technology (SKOLTECH)
(11) EP3892551	Wolf, Yuri I.
(00) 23.12.2022	Shmakov, Sergey
(51) B65B 7/16	Makarova, Kira S.
B65B 9/04	Koonin, Eugene
B65B 11/52	The United States of America, as
B65B 31/02	Represented by the Secretary,
B65B 31/04	Department of Health and Human
B65B 53/02	Services
(00) Assignment	(73) The Broad Institute, Inc.
	Massachusetts Institute of Technology
(71) ASMP T AEi, Inc.	President and Fellows of Harvard
(73) ASMP T AEi, Inc.	College
(11) EP2836869	Rutgers, the State University of New
(00) 28.12.2022	Jersey
(51) G02B 7/00	Skolkovo Institute Of Science And
G02B 13/00	Technology (SKOLTECH)
G02B 27/62	Wolf, Yuri I.
(00) Change of owner(s) name	Shmakov, Sergey
	Makarova, Kira S.
(71) Koninklijke Philips N.V.	Koonin, Eugene
(73) Koninklijke Philips N.V.	The United States of America, as
(11) EP3639605	Represented by the Secretary,
(00) 30.12.2022	Department of Health and Human
(51) H04W 74/00	Services
H04W 74/02	
H04W 74/08	(11) EP3430134
(00) Assignment	(00) 16.12.2022
	(51) C12N 15/10
(71) Koninklijke Philips N.V.	C12N 9/22
(73) Koninklijke Philips N.V.	C12N 15/63
(11) EP3698482	(00) Assignment
(00) 30.12.2022	
(51) H04B 7/06	(71) Horizon Orphan LLC
(00) Assignment	(73) Horizon Orphan LLC
	(11) EP3011312
(71) ULMA Packaging, S.Coop.	(00) 21.12.2022
(73) ULMA Packaging, S.Coop.	(51) G01N 30/88
(11) EP3708343	G01N 30/16
(00) 23.12.2022	G01N 30/89
(51) B29C 65/18	B01D 15/32
B29C 65/30	G01N 30/34
B29C 65/74	G01N 30/74
B29C 65/78	(00) Assignment
B65B 51/30	
B65B 61/06	(71) Koninklijke Philips N.V.
(00) Assignment	(73) Koninklijke Philips N.V.
	(11) EP3497861
(71) ZYMEWORKS BC INC.	(00) 30.12.2022
(73) ZYMEWORKS BC INC.	(51) H04L 5/00
(11) EP3107938	H04L 5/14
(00) 23.12.2022	H04W 56/00
(51) C07K 16/46	(00) Assignment
A61K 39/395	
C07K 16/36	
C12N 15/13	
C07K 16/28	
C07K 16/32	
(00) Change of owner(s) name	
(71) Koninklijke Philips N.V.	
(73) Koninklijke Philips N.V.	
(11) EP3811527	

TVH

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

UP1

**Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.
Contains data concerning European patents with registered Unitary Effect.**

UP2

Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with registered request ex article 52a (restoration of validation right).

UP3

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.

Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.

UP4

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.

Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.

UP5

Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).

UP6

Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).